



Instantor[®]

Superior Plumbing Products
for **Professional Plumbers**
Since 1926

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Delivery Service:

We offer a nationwide delivery service that is both fast and efficient, ensuring our customers receive their orders as quickly as possible. Our dedicated fleet of vans, along with our trusted network of carrier services, allows us to provide this reliable service with the highest level of care.

Superior Plumbing Products for Professional Plumbers
Since 1926

Instantor is renowned for innovative, quality assured plumbing solutions and has been supplying the trade in Ireland for almost 100 years. It all began at St James Gate, Dublin with the creation of the first brass compression fitting. Today, Instantor are market leaders in press solutions, delivering reliable and easy to install product to the plumbing and heating industry.

QUALITY WITHOUT COMPROMISE

Products endure rigorous testing and quality control checks. Continued improvement initiatives ensure the evolving needs of the market are successfully met.

COMMITTED TO INNOVATION

We strive to bring our customers unique and advanced solutions that enable a safer and more efficient working environment.

EXCEPTIONAL SERVICE

Customer support is provided through multiple channels with a dedicated team for after sales and an experienced technical department to help with any queries.

TRUSTED BY THE TRADE

Our iconic brands include Instantor Brass Compression, Instantor Press System, Instantor Copper Press, Instantor Stainless Steel, Paktermo by Instantor, Tucson Pumps and many more. With unrivaled industry experience, in the stamping, casting and machining of brass and copper alloy components, we also offer a specialist OEM service to many industries including the electrical, automotive, plumbing, heating & furniture sectors.



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Instantor[®]

Brass Compression Fittings

INSTANTOR BRASS COMPRESSION FITTINGS

25
YEAR
WARRANTY

Instantor has proudly held the position of market leader in Brass Compression Fittings since 1926.

Manufactured from high-grade CW617N Brass, these fittings guarantee durability and reliability, embodying decades of expertise. Engineered with precision to minimize the risk of leaks, Instantor Compression Fittings offer peace of mind in plumbing installations.

The compression technology allows for a quick and hassle-free installation, eliminating the need for hazardous methods like soldering or welding.

With a diverse range of fittings available from 1/2" to 2" in imperial sizing as well as 8mm to 54mm in metric sizing, and designed to withstand high pressures and temperatures, these fittings ensure performance and longevity in demanding environments.

Whether for a small-scale residential project or a large-scale industrial application, Instantor's Brass Compression Fittings are backed up by certification from NSAI & WRAS, making them the go-to choice for reliable plumbing solutions.



DZR

Instantor Compression Fittings - DZR

Many of our compression fittings (up to 2") are also available in Dezincification Resistant (DZR) Brass. Manufactured and NSAI certified to EN1254-2 For Water, Natural Gas and LPG pipework systems. Dezincification of non DZR brass fittings can occur in certain water conditions (In such conditions, DZR fittings should be used). DZR fittings are marked with the 'CR' (Corrosion Resistant) symbol as specified in European standards to denote materials of assessed resistance.



CHROME

Instantor Compression Fittings - Chrome

Please add 50% to the brass finished price to calculate Instantor chrome plated price



310 Straight Coupler CxC



CODE	SIZE	BOX QTY	PACK QTY
310001	½"	200	10
310002	¾"	110	10
310003	1"	80	10
310004	1¼"	69	L
310005	1½"	25	L
310006	2"	25	2
310021	¾" x ½"	140	10
310031	1" x ½"	80	10
310032	1" x ¾"	100	10
310042	1¼" x ¾"	50	L
310043	1¼" x 1"	50	L
307000	½" x 8mm (¼")	-	10
306999	½" x 10mm	-	10
306998	½" x 12mm	-	10
307005	½" x 15mm	-	L

311 Straight Coupler M.I. x C



CODE	SIZE	BOX QTY	PACK QTY
311001	½"	300	10
311002	¾"	150	10
311003	1"	100	10
311004	1¼"	56	L
311005	1½"	36	L
311006	2"	22	L
311021	¾" M x ½"	200	10
311032	1" M x ¾"	100	10
311043	1¼" M x 1"	50	L
311054	1½" M x 1¼"	50	L

310/RV Straight Coupler with Air Vent



CODE	SIZE	PACK QTY
310RV1	½"	L

P311 Straight Coupler M.I. x Poly



CODE	SIZE	BOX QTY	PACK QTY
311012	½" M x ¾"	160	10
311023	¾" M x 1"	100	10
311034	1" M x 1¼"	84	10
311035	1" M x 1½"	40	L
311045	1¼" M x 1½"	45	L

312 Straight Coupler F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
312001	½"	250	10
312002	¾"	120	10
312003	1"	80	10
312004	1¼"	63	L
312005	1½"	36	L
312006	2"	22	L
312021	¾" F x ½"	150	10
312032	1" F x ¾"	100	10

P312 Straight Coupler F.I. x Poly



CODE	SIZE	BOX QTY	PACK QTY
312012	½" F x ¾"	200	10
312023	¾" F x 1"	100	10
312034	1" F x 1¼"	80	L
312045	1¼" F x 1½"	30	L

314 Swivel Coupler F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
314001	½"	200	10

315 Elbow C x C



CODE	SIZE	BOX QTY	PACK QTY
315001	½"	200	10
315002	¾"	100	10
315003	1"	60	10
315004	1¼"	38	L
315005	1½"	26	L
315006	2"	12	L
315021	¾" x ½"	100	L
315032	1" x ¾"	-	L
415011	½" x 15mm	-	-
415022	¾" x 22mm	100	10
415033	1" x 28mm	-	-

316 Elbow M.I. x C



CODE	SIZE	BOX QTY	PACK QTY
316001	½"	200	10
316002	¾"	100	10
316003	1"	60	10
316004	1¼"	40	L
316005	1½"	20	L
316006	2"	12	L
316021	¾" M x ½"	150	L
316032	1" M x ¾"	80	10

P316 Elbow M.I. x Poly



CODE	SIZE	BOX QTY	PACK QTY
316012	½" M x ¾"	150	10
316023	¾" M x 1"	-	L

317 Elbow F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
317001	½"	120	10
317002	¾"	100	10
317003	1"	60	10
317004	1¼"	36	L
317005	1½"	25	L
317006	2"	10	L
317021	¾" F x ½"	120	10
317032	1" F x ¾"	80	10

317W Wallplate Elbow F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
319001	½"	100	5

P317 Elbow F.I. x Poly



CODE	SIZE	BOX QTY	PACK QTY
317012	½" F x ¾"	150	10
317023	¾" F x 1"	60	10

Note: Products produced from brass are NOT suitable for use underground.

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318 Equal Tees
C x C x C



CODE	SIZE	BOX QTY	PACK QTY
318001	½"	120	10
318002	¾"	80	10
318003	1"	40	10
318004	1¼"	28	L
318005	1½"	16	L
318006	2"	8	L

318 Reducing Tees
C x C x C



CODE	SIZE	BOX QTY	PACK QTY
318112	½" x ½" x ¾"	80	10
318211	¾" x ½" x ½"	80	10
318212	¾" x ½" x ¾"	70	10
318221	¾" x ¾" x ½"	70	10
318223	¾" x ¾" x 1"	50	10
318311	1" x ½" x ½"	50	L
318312	1" x ½" x ¾"	50	L
318313	1" x ½" x 1"	40	10
318321	1" x ¾" x ½"	50	L
318322	1" x ¾" x ¾"	50	10
318331	1" x 1" x ½"	60	10
318332	1" x 1" x ¾"	60	10
318323	1" x ¾" x 1"	50	10
318441	1¼" x 1¼" x ½"	28	L
318442	1¼" x 1¼" x ¾"	28	L
318443	1¼" x 1¼" x 1"	28	L
318553	1½" x 1½" x 1"	25	L
318554	1½" x 1½" x 1¼"	20	L

321/P321
Wallplate Elbow F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
321001	½"	30	5
321002	¾"	40	5
321012	½" F x ¾"	30	10

323 Cross
C x C x C x C



CODE	SIZE	BOX QTY	PACK QTY
323001	½"	60	L
323002	¾"	40	L

327 Swivel Elbow
F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
327001	½"	200	10
327002	¾"	80	L

330 Tee
C x C x F.I.



CODE	SIZE	BOX QTY	PACK QTY
330001	½"	120	10
330002	¾"	50	10
330003	1"	50	10
330221	¾" x ¾" x ½" F	80	10
330331	1" x 1" x ½" F	50	L
330332	1" x 1" x ¾" F	50	L

332 Stopcock
C x C



CODE	SIZE	BOX QTY	PACK QTY
332001	½"	50	L
332002	¾"	25	L
332003	1"	20	L

340 Adaptor
M.I. x F.I Instantor®



CODE	SIZE	BOX QTY	PACK QTY
340001	½"	250	L
340002	¾"	200	L
340003	1"	140	L

341 Adaptor
F.I. x F.I Instantor®
(B.S.P x CONEX)



CODE	SIZE	BOX QTY	PACK QTY
341001	½"	250	L
341002	¾"	190	L
341003	1"	100	L

342 Adaptor
F.I. x F.I. B.S.P.



CODE	SIZE	BOX QTY	PACK QTY
342001	½"	120	L
342002	¾"	140	L
342003	1"	100	L

348 Reducing Set



CODE	SIZE	BOX QTY	PACK QTY
348018	½" x 10mm	-	-
348021	¾" x ½"	500	10
348031	1" x ½"	320	10
348032	1" x ¾"	300	10
348041	1¼" x ½"	200	L
348042	1¼" x ¾"	200	L
348043	1¼" x 1"	200	10
348051	1½" x ½"	100	L
348052	1½" x ¾"	100	L
348053	1½" x 1"	100	L
348054	1½" x 1¼"	100	L
348061	2" x ½"	50	L
348062	2" x ¾"	50	L
348063	2" x 1"	50	L
348064	2" x 1¼"	50	L
348065	2" x 1½"	50	L

350 Flanged
Tank Connector
with backnut



CODE	SIZE	BOX QTY	PACK QTY
350001	½"	150	10
350002	¾"	110	10
350003	1"	80	10
350004	1¼"	50	L
350005	1½"	40	L
350006	2"	20	L

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351
Stop End



CODE	SIZE	BOX QTY	PACK QTY
351001	½"	350	10
351002	¾"	200	10
351003	1"	150	10
351004	1¼"	100	L
351005	1½"	72	L

367 Gate Valve
C x C



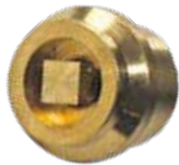
CODE	SIZE	BOX QTY	PACK QTY
367001	½"	60	10
367002	¾"	50	5
367003	1"	40	5
367004	1¼"	15	5
367005	1½"	5	5
367006	2"	5	5

372 Blank Cap
and Washers



CODE	SIZE	BOX QTY	PACK QTY
372001	½"	700	50
372002	¾"	350	25
372002BSP	¾" BSP	-	-
372003	1"	-	25
372003BSP	1" BSP	-	-
372004	1¼"	100	L
372005	1½"	125	L
372006	2"	72	L
560510PK	1/2" Blank washer	-	L
560511PK	3/4" Blank washer	-	L
560512PK	1" Blank washer	-	L

372RV
Air Vent



CODE	SIZE	BOX QTY	PACK QTY
373001	½"	800	L

378A
Coupling Nut



CODE	SIZE	BOX QTY	PACK QTY
378001	½"	800	100
378002	¾"	600	50
378003	1"	300	50
378004	1¼"	150	L
378005	1½"	180	L
378006	2"	68	L

378B
Compression Ring



CODE	SIZE	BOX QTY	PACK QTY
379001	½"	4,000	250
379002	¾"	2,000	100
379003	1"	50	50
379004	1¼"	-	L
379005	1½"	320	L
379006	2"	-	L

381 Pillar Cock Adaptor
F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
381001	½"	-	L
381002	¾"	170	L

171 Straight Coupler
with Combined
M.T. Plug C x C



CODE	SIZE	BOX QTY	PACK QTY
369001	½"	100	L
369002	¾"	50	10
369003	1"	50	L
369000	Plug for 171	-	-

271/633
M.T. Cock



CODE	SIZE	BOX QTY	PACK QTY
368001	½"	200	10

471 Elbow with
Combined M.T.
Plug C x C



CODE	SIZE	BOX QTY	PACK QTY
370001	½"	-	L
370002	¾"	50	10
370003	1"	25	L

571 Injector Tee
C x F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
357571	1"	50	5
457571	28mm	-	L

871 Elbow with Combined
M.T. Plug M.I. x C



CODE	SIZE	BOX QTY	PACK QTY
371002	¾"	60	10

Instantor Compression Spares

CODE	SIZE
560513 PK	Blank Fibre Washer For 1¼" No 372
560514 PK	Blank Fibre Washer For 1½" No 372
568903 PK	½" Washers For 327001/314001
560110	Spare Rubber Washer For ½" 350001
560111	Spare Rubber Washer For ¾" 350002
560112	Spare Rubber Washer For 1" 350003
560113	Spare Rubber Washer (part 7) 750305
560210	Spare Fibre Washer For 372001
560211	Spare Fibre Washer For 372002
540332	20mm x ½" Adapt Ring
540333	25mm x ¾" Adapt Ring
540334	½" Black Ring
540335	¾" Black Ring
479011	15mm Copper Olives

310 Straight Coupler
C x C



CODE	SIZE	BOX QTY	PACK QTY
310007	2½"	-	L
310008	3"	-	L
310009	4"	-	L

315 Elbow Coupler
C x C



CODE	SIZE	BOX QTY	PACK QTY
315007	2½"	-	L
315008	3"	-	L
315009	4"	-	L

318
Equal Tees



CODE	SIZE	BOX QTY	PACK QTY
318007	2½"	-	L

350
Flanged Tank
Connector
with backnut



CODE	SIZE	BOX QTY	PACK QTY
350007	2½"	-	L
350008	3"	-	L
350009	4"	-	L

311 Straight Coupler
M.I. x C



CODE	SIZE	BOX QTY	PACK QTY
311007	2½"	-	L
311008	3"	-	L
311009	4"	-	L

317
Elbow Coupler F.I x C



CODE	SIZE	BOX QTY	PACK QTY
317007	2½"	-	L

044 Flanged
Brass Backnut



CODE	SIZE	BOX QTY	PACK QTY
044007	2½"	-	L
044008	3"	-	L
044009	4"	-	L

367 Gate Valve
C x C



CODE	SIZE	BOX QTY	PACK QTY
367007	2½"	-	L
367009	4"	-	L

312 Straight Coupler
F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
312007	2½"	-	L
312008	3"	-	L

348
Reducer Set



CODE	SIZE	BOX QTY	PACK QTY
348076	2½" x 2"	-	L
348086	3" x 2"	-	L
348087	3" x 2½"	-	L

Note: Products produced from brass are NOT suitable for use underground.

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042 Reducing Bush
(BSP Thread) MI x FI



CODE	SIZE	BOX QTY	PACK QTY
042017	½" x ¼"	500	-
305000	½" x ⅜"	-	10
305001	⅜" x ¼"	-	-
042021	¾" x ½"	400	10
042031	1" x ½"	250	10
042032	1" x ¾"	200	10
042041	1¼" x ½"	-	L
042042	1¼" x ¾"	220	L
042043	1¼" x 1"	110	L
042051	1½" x ½"	110	L
042052	1½" x ¾"	100	L
042053	1½" x 1"	140	L
042054	1½" x 1¼"	100	L
042065	2" x ¼"	100	L

044 Flanged Brass
Backnut



CODE	SIZE	BOX QTY	PACK QTY
044001	½"	500	25
044002	¾"	400	50
044003	1"	250	25
044004	1¼"	-	L
044005	1½"	-	L
044011	½" HEAVY	500	-

072 Hex Nipple
(BSP Thread)



CODE	SIZE	BOX QTY	PACK QTY
072007	¼"	1000	100
072008	⅜"	-	L
072001	½"	500	50
072002	¾"	300	25
072003	1"	180	10
072004	1 ¼"	-	L
072005	1 ½"	-	L
072006	2"	-	L

073 Parallel Nipple
(BSP Thread)



CODE	SIZE	BOX QTY	PACK QTY
073001	½"	400	25
073010	½" - 100mm Long	-	-
073002	¾"	350	25
073100	¾" - 100mm Long	-	-
073003	1"	-	L
073004	1¼"	-	L

074 M.I.
Brass Plug



CODE	SIZE	BOX QTY	PACK QTY
306000	⅜"	-	10
074001	½"	500	10
074002	¾"	300	10
074003	1"	250	10
074005	1½"	-	L
074006	1¾"	-	L

Instantor® Bucket Buy

Each Bucket Includes:

- 10 x ½" 310's
- 10 x ¾" 310's
- 10 x ¾" x ½" 310's
- 10 x ½" 315's
- 10 x ¾" 315's
- 10 x ½" 318's

and one of four **FREE** options below:



Instantor® Bucket Buy 1

CODE	CONTENTS X10
380000	½" 310, ¾" 310, ¾" x ½" 310, ½" 315, ¾" 315, ½" 318
	Comes with Free... 1x ½" CxC WRAS Approved Lever Action Ball Valve 1x ¾" CxC WRAS Approved Lever Action Ball Valve

Instantor® Bucket Buy 3

CODE	CONTENTS X10
380002	½" 310, ¾" 310, ¾" x ½" 310, ½" 315, ¾" 315, ½" 318
	Comes with Free... 5x ½" CxC Chrome Plated Isolating Valves

Instantor® Bucket Buy 2

CODE	CONTENTS X10
380001	½" 310, ¾" 310, ¾" x ½" 310, ½" 315, ¾" 315, ½" 318
	Comes with Free... 1x ½" CxC WRAS Approved Lever Action Ball Valve 1x ¾" CxC Instantor 367 Gate Valve

Instantor® Bucket Buy 4

CODE	CONTENTS X10
380003	½" 310, ¾" 310, ¾" x ½" 310, ½" 315, ¾" 315, ½" 318
	Comes with Free... 10x ½" C10 Solder Ring Fittings 10x ½" C15 Solder Ring Fittings

Polyadaptors

Polyadaptors
Complete



CODE	SIZE	PACK QTY
641010K	½"	100
641020K	¾"	50
641030K	1"	50
641040K	1¼"	L
641050K	1½"	L

Polyadaptors Inserts Only

CODE	SIZE	PACK QTY
642010	½"	100
642020	¾"	50
642030	1"	50
642040	1¼"	L

Polyadaptors Sleeves Only

CODE	SIZE	PACK QTY
643010	½"	100
643020	¾"	50
643030	1"	50
643040	1¼"	L



Note: Products produced from brass are NOT suitable for use underground.

410 Straight Coupler
C x C



CODE	SIZE	BOX QTY	PACK QTY
410077	8mm	-	10
410088	10mm	-	10
410099	12mm	-	10
410001	15mm	250	10
410002	22mm	130	10
410003	28mm	80	10
410004	35mm	-	L
410005	42mm	-	L
410006	54mm	-	L
410087	10 x 8mm	-	10
410097	12 x 8mm	-	10
410017	15 x 8mm	-	10
410098	12 x 10mm	-	10
410018	15 x 10mm	-	10
410318	15mm x 10mm (3/8")	-	-
410019	15 x 12mm	-	10
410021	22 x 15mm	-	10
410022	22mm x 3/4"	130	10
410031	28mm x 15mm	-	-
410032	28 x 22mm	-	10
410033	28mm x 1"	-	-

411 Straight Coupler
C x M.I.



CODE	SIZE	BOX QTY	PACK QTY
411077	8mm x 1/4"	10	10
411079	8mm x 3/8"	10	10
411071	8mm x 1/2"	10	10
411087	10mm x 1/4"	10	10
411089	10mm x 3/8"	10	-
411081	10mm x 1/2"	10	10
411097	12mm x 1/4"	10	10
411099	12mm x 3/8"	10	L
411091	12mm x 1/2"	10	L
411092	12mm x 3/4"	10	10
411017	15mm x 1/4"	10	10
411019	15mm x 3/8"	10	10
411001	15mm x 1/2"	10	10
411012	15mm x 3/4"	10	10
411021	22mm x 1/2"	10	-
411002	22mm x 3/4"	10	10
411023	22mm x 1"	100	10
411032	28mm x 3/4"	10	-
411003	28mm x 1"	100	10
411004	35mm x 1 1/4"	L	-
411005	42mm x 1 1/2"	L	-
411006	54mm x 2"	L	-

412 Straight
Coupler C x F.I.



CODE	SIZE	BOX QTY	PACK QTY
412077	8mm x 1/4"	10	10
412071	8mm x 1/2"	10	10
412079	8mm x 3/8"	10	10
412087	10mm x 1/4"	10	10
412081	10mm x 1/2"	10	-
412089	10mm x 3/8"	10	10
412099	12mm x 3/8"	10	10
412091	12mm x 1/2"	10	L
412019	15mm x 3/8"	10	L
412001	15mm x 1/2"	10	10
412012	15mm x 3/4"	10	10
412021	22mm x 1/2"	10	10
412002	22mm x 3/4"	10	10
412023	22mm x 1"	100	10
412032	28mm x 3/4"	10	-
412003	28mm x 1"	10	10
412004	35mm x 1 1/4"	L	10
412005	42mm x 1 1/2"	L	-
412006	54mm x 2"	L	10

414 Straight Swivel
Coupler C x F.I.



CODE	SIZE	BOX QTY	PACK QTY
414001	15mm x 1/2"	10	10

415 Elbow
C x C



CODE	SIZE	BOX QTY	PACK QTY
415077	8mm	-	10
415088	10mm	-	10
415099	12mm	-	10
415001	15mm	200	10
415002	22mm	100	10
415003	28mm	-	10
415004	35mm	-	L
415005	42mm	-	L
415006	54mm	-	L
415098	12 x 10mm	-	10
415018	15 x 10mm	-	10
415019	15 x 12mm	-	10
415021	22 x 15mm	-	10
415032	28mm x 22mm	-	10
410033	28mm x 1"	-	-

416 Elbow
C x M.I.



CODE	SIZE	BOX QTY	PACK QTY
416077	8mm x 1/4"	10	10
416079	8mm x 3/8"	10	10
416071	8mm x 1/2"	10	10
416087	10mm x 1/4"	10	10
416089	10mm x 3/8"	10	-
416081	10mm x 1/2"	10	10
416099	12mm x 3/8"	10	10
416091	12mm x 1/2"	10	L
416017	15mm x 1/4"	10	L
416019	15mm x 3/8"	10	L
416001	15mm x 1/2"	10	10
416012	15mm x 3/4"	10	10
416021	22mm x 1/2"	10	10
416002	22mm x 3/4"	10	10
416023	22mm x 1"	10	10
416032	28mm x 3/4"	10	-
416003	28mm x 1"	10	10
416004	35mm x 1 1/4"	10	10
416005	42mm x 1 1/2"	10	-

417 Elbow
C x F.I.



CODE	SIZE	BOX QTY	PACK QTY
417077	8mm x 1/4"	10	10
417079	8mm x 3/8"	10	10
417089	10mm x 3/8"	10	10
417081	10mm x 1/2"	10	10
417099	12mm x 3/8"	10	-
417001	15mm x 1/2"	10	10
417021	22mm x 1/2"	10	L
417002	22mm x 3/4"	10	L
417032	28mm x 3/4"	10	10
417003	28mm x 1"	10	10
417004	35mm x 1 1/4"	L	10
417005	42mm x 1 1/2"	10	10

P417 Elbow
F.I. x Poly



CODE	SIZE	BOX QTY	PACK QTY
417012	15mm x 3/4"	-	10
417023	22mm x 1"	-	10

417W Wall Plate
Elbow C x F.I.



CODE	SIZE	BOX QTY	PACK QTY
419001	15mm x 1/2"	-	10
419021	22mm x 1/2"	-	10

418 Equal Tees
C x C x C



CODE	SIZE	BOX QTY	PACK QTY
418777	8mm	-	10
418888	10mm	-	10
418999	12mm	-	10
418001	15mm	-	10
418002	22mm	50	10
418003	28mm	-	10
418004	35mm	-	L
418005	42mm	-	L
418006	54mm	-	L

418 Reducing Tees
C x C x C



CODE	SIZE	BOX QTY	PACK QTY
418887	10 x 10 x 8mm	-	10
418878	10 x 8 x 10mm	-	10
418889	10 x 10 x 12mm	-	10
418988	12 x 10 x 10mm	-	10
418998	12 x 12 x 10mm	-	10
418989	12 x 10 x 12mm	-	10
418991	12 x 12 x 15mm	-	10
418187	15 x 10 x 8mm	-	10
418188	15 x 10 x 10mm	-	10
418189	15 x 10 x 12mm	-	10
418181	15 x 10 x 15mm	-	10
418198	15 x 12 x 10mm	-	10
418118	15 x 15 x 10mm	-	10
418199	15 x 12 x 12mm	-	10
418119	15 x 15 x 12mm	-	10
418112	15 x 15 x 22mm	-	10
418211	22 x 15 x 15mm	-	10
418212	22 x 15 x 22mm	-	10
418221	22 x 22 x 15mm	-	10
418313	28 x 15 x 28mm	-	10
418331	28 x 28 x 15mm	-	10
418322	28 x 22 x 22mm	-	10
418323	28 x 22 x 28mm	-	10
418332	28 x 28 x 22mm	-	10
418443	35 x 35 x 28mm	-	10

Note: Products produced from brass are NOT suitable for use underground.

Note: Products produced from brass are NOT suitable for use underground.

420 Tee C x C x M.I.



CODE	SIZE	BOX QTY	PACK QTY
420002	22mm x 22mm x ¾"	-	10

421/P421 Wallplate Elbow F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
421001	15mm x ½"	-	-
421002	22mm x ¾"	-	-

430 Tee C x C x F.I.



CODE	SIZE	BOX QTY	PACK QTY
430001	15mm x 15mm x ½"	-	10
430221	22mm x 22mm x ½"	-	10
430002	22mm x 22mm x ¾"	-	10
430003	28mm x 28mm x 1"	-	10

427 Swivel Elbow



CODE	SIZE	BOX QTY	PACK QTY
427001	15mm x ½"	-	10

448 Reducing Set



CODE	SIZE	BOX QTY	PACK QTY
448087	10mm x 8mm	-	10
448097	12mm x 8mm	-	10
448098	12mm x 10mm	-	10
448017	15mm x 8mm	-	10
448018	15mm x 10mm	-	10
448019	15mm x 12mm	-	10
448021	22mm x 15mm	-	10
448039	28mm x 12mm	-	10
448031	28mm x 15mm	-	10
448032	28mm x 22mm	-	10
448041	35mm x 15mm	-	10
448042	35mm x 22mm	-	10
448043	35mm x 28mm	-	10

450 Flanged Tank Connector with backnut



CODE	SIZE	BOX QTY	PACK QTY
450001	15mm	-	10
450002	22mm	-	10
450003	28mm	-	10
450004	35mm	-	L
450005	42mm	-	L
450006	54mm	-	L

451 Stop End



CODE	SIZE	BOX QTY	PACK QTY
451007	8mm	-	10
451008	10mm	-	10
451009	12mm	-	10
451001	15mm	-	10
451002	22mm	-	10
451003	28mm	-	10
451004	35mm	-	10
451005	42mm	-	10

467 Gate Valve C x C



CODE	SIZE	BOX QTY	PACK QTY
467001	15mm	-	10
467002	22mm	-	10
467003	28mm	-	10

471 Elbow with combined M.T. Plug C x C



CODE	SIZE	BOX QTY	PACK QTY
470003	28mm x 1"	-	L

871 Elbow with Combined M.T Plug M.I x C



CODE	SIZE	BOX QTY	PACK QTY
471002	22mm x ¾"	-	10
471003	28mm x 1"	-	L

472 Blank Cap and Washer



CODE	SIZE	BOX QTY	PACK QTY
472001	15mm	-	10
472002	22mm	-	10
472003	28mm	-	10
472004	35mm	-	L

478A Compression Nut



CODE	SIZE	BOX QTY	PACK QTY
478007	8mm	-	100
478008	10mm	-	100
478009	12mm	-	100
478001	15mm	-	100
478002	22mm	2,000	50
478003	28mm	400	50
478004	35mm	250	10
478005	42mm	135	-
478006	54mm	77	-

478B Compression Ring



CODE	SIZE	BOX QTY	PACK QTY
479007	8mm	-	100
479008	10mm	-	100
479009	12mm	-	100
479001	15mm	6,000	100
479002	22mm	2,000	100
479003	28mm	2,000	50
479004	35mm	500	L
479005	42mm	312	-
479006	54mm	167	-

Solar Fittings Accessories

Solar Corrugated Pipe / Panel Connection Kit



CODE	DESCRIPTION
774023K	Includes - Four ¾" B.S.P. nuts. - Four fibre washers - Four stainless steel crimp clips

CODE	DESCRIPTION
774042	Solar Fibre Washer 0.48



Smooth Tube Adaptor



CODE	DESCRIPTION
774025DN16	22mm smooth tube adaptor with a ¾" B.S.P. flat faced end

Flat Face Nipple



CODE	DESCRIPTION
774031DN16	¾" B.S.P. Flat Face Nipple





Instantor[®]

Press System

INSTANTOR PRESS FITTINGS

50
YEAR
GUARANTEE

Instantor Press Fittings can be installed with confidence. The system comes with a reassuring 50 year guarantee on fittings & pipe.

Launched in 2015, and underpinned by ongoing research and development, the range has grown from strength to strength to provide a comprehensive portfolio of products. The Instantor Press System is quick and easy and uses a press tool to crimp the fitting securely on to the pipe. This removes the need for heat based methods such as welding and soldering and can be completed in three simple steps - Cut, Calibrate and Press.

Instantor Pex-Al-Pex is a butt-welded multilayer pipe for use in potable water, underfloor heating and all general heating and plumbing applications. Available in sizes up to 63mm in straight lengths and up to 32mm in coils.

Compliant products are an essential element to the Instantor inventory, within the range there is an insulated multi-layer pipe that features increased insulation and Fire Classification EL (EN13501-17:2007 A1:2209). Compliant with Part L Domestic Table 20.





Instantor[®]

Press System

FEATURES

- **CERTIFIED** - WRAS, KIWA & NSAI Approval on Fittings & Pipe
 - **PREMIUM MATERIALS** - CW617N Brass Body, Stainless Steel 304 Sleeves & EPDM O-Rings
 - **QUICK TO INSTALL** - Installation complete in just 3 steps. Cut, Calibrate & Press
 - **LEAK FREE JOINTS** - Inspection window to check for correct pipe insertion
 - **EXTENSIVE OFFERING** - Sizes from 16mm - 63mm to suit domestic, commercial & industrial applications
-
- **FLEXIBLE PIPE** - Lightweight pipe that maintains its memory when bent
 - **BUTT WELDED** - Providing a solid & resilient finish which is 100% oxygen & water vapour tight.
 - **DURABLE** - Withstands high temperatures up to 95°C

INSTALLATION INSTRUCTIONS



CUT

1. Cut the pipe squarely to desired length using an appropriate cutting tool.



CALIBRATE

2. Insert the reamer into the cut pipe and rotate, pushing slightly to remove all burrs and rough edges.
NOTE - A poorly calibrated pipe could damage the O-Rings on insertion.



PRESS

3. Connect the pipe and fittings and check pipe is fully inserted in the inspection windows. The white of the pipe must be viewable through these holes. **DO NOT USE SEALING AGENTS SUCH AS PTFE TAPE OR JOINTING COMPOUND.** Use TH Profile Jaws to press.

TECHNICAL SUMMARY

- **Max Operating Pressure:** 10 bar
- **Max Operating Temperature:** 95°C
- **Max Peak Temperature** (at 1 hour) : 110°C
- **Application Class:** 2/6 bar, class 5/6 bar
- **Profile:** TH
- **WRAS Approval:** #2304341

Fittings

IP10 Straight Coupler

CODE	SIZE	PACK QTY
IP10001	16mm	10
IP10002	20mm	10
IP10003	26mm	10
IP10004	32mm	10
IP10005	40mm	10
IP10006	50mm	5
IP10007	63mm	1



IP10 Straight Reducer

CODE	SIZE	PACK QTY
IP10021	20 x 16mm	10
IP10031	26 x 16mm	10
IP10032	26 x 20mm	10
IP10042	32 x 20mm	10
IP10043	32 x 26mm	10
IP10052	40 x 20mm	10
IP10053	40 x 26mm	10
IP10054	40 x 32mm	10
IP10056	50 x 40mm	5
IP10063	50 x 26mm	5
IP10064	50 x 32mm	5
IP10074	63 x 32mm	1
IP10076	63 x 50mm	1



IP11 Straight Coupler M.I x PIPE

CODE	SIZE	PACK QTY
IP11001	½" M x 16mm	10
IP11012	½" M x 20mm	10
IP11013	½" M x 26mm	10
IP11021	¾" M x 16mm	10
IP11002	¾" M x 20mm	10
IP11023	¾" M x 26mm	10
IP11032	1" M x 20mm	10
IP11003	1" M x 26mm	10
IP11034	1" M x 32mm	10
IP11004	1¼" M x 32mm	10
IP11045	1¼" M x 40mm	10
IP11056	1½" M x 50mm	5
IP11057	1½" M x 63mm	1
IP11066	2" M x 50mm	1
IP11067	2" M x 63mm	1



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

IP12 Straight Coupler F.I x PIPE

CODE	SIZE	PACK QTY
IP12001	½" F x 16mm	10
IP12013	½" F x 26mm	10
IP12021	¾" F x 16mm	10
IP12002	¾" F x 20mm	10
IP12023	¾" F x 26mm	10
IP12032	1" F x 20mm	10
IP12003	1" F x 26mm	10
IP12034	1" F x 32mm	10
IP12004	1¼" F x 32mm	10
IP12045	1¼" F x 40mm	10
IP12056	1½" F x 50mm	5
IP12057	1½" F x 63mm	1



IP13 Adaptor

CODE	SIZE	PACK QTY
IP13001	½" C x 16mm	10
IP13002	¾" C x 20mm	10
IP13021	¾" C x 16mm	10
IP13023	¾" C x 26mm	10
IP13033	1" C X 26mm	10
IP13034	1" C x 32mm	10
IP13011	15mm C x 16mm	10
IP13012	22mm C x 20mm	10
IP13223	22mm C x 26mm	10
IP13035	28mm C x 32mm	10



IP13 Elbow Adaptor

CODE	SIZE	PACK QTY
IP13101	½" C x 16mm	10
IP13102	¾" C x 20mm	10
IP13110	15mm C x 16mm	10
IP13111	22mm C x 20mm	10



IP14 Spigot

CODE	SIZE	PACK QTY
IP14001	16mm x ½"	10
IP14011	16mm x 15mm	10
IP14002	20mm x ¾"	10
IP14022	20mm x 22mm	10
IP14003	26mm x ¾"	10
IP14033	26mm x 22mm	10
IP14004	26mm x 1"	10
IP14044	26mm x 28mm	10
IP14046	32mm x 28mm	10
IP14047	32mm x 1"	10



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

IP15 90° Elbow

CODE	SIZE	PACK QTY	
IP15001	16mm	10	
IP15002	20mm	10	
IP15003	26mm	10	
IP15004	32mm	10	
IP15005	40mm	5	
IP15006	50mm	1	
IP15007	63mm	1	



IP15 45° Elbow

CODE	SIZE	PACK QTY	
IP15055	40mm	5	
IP15066	50mm	5	



IP15 Radiator Extension Elbow

CODE	SIZE	PACK QTY	
IP15010	16mm x 300mm	10	
IP15011	16mm x 100mm	10	



IP16 Elbow M.I x PIPE

CODE	SIZE	PACK QTY	
IP16001	½" M x 16mm	10	
IP16012	½" M x 20mm	10	
IP16002	¾" M x 20mm	10	
IP16023	¾" M x 26mm	10	
IP16032	1" M x 20mm	10	
IP16003	1" M x 26mm	10	
IP16034	1" M x 32mm	10	
IP16004	1¼" M x 32mm	10	



IP17 Elbow F.I x PIPE

CODE	SIZE	PACK QTY	
IP17001	½" F x 16mm	10	
IP17012	½" F x 20mm	10	
IP17013	½" F x 26mm	10	
IP17002	¾" F x 20mm	10	
IP17023	¾" F x 26mm	10	
IP17032	1" F x 20mm	10	
IP17003	1" F x 26mm	10	
IP17034	1" F x 32mm	10	
IP17004	1¼" F x 32mm	10	
IP17001CP	½" F x 16mm Chrome	10	



IP18 Equal Tee

CODE	SIZE	PACK QTY	
IP18001	16mm	10	
IP18002	20mm	10	
IP18003	26mm	10	
IP18004	32mm	10	
IP18005	40mm	5	
IP18006	50mm	1	
IP18007	63mm	1	



IP18 Reducing Tee

CODE	SIZE	PACK QTY	
IP18112	16 x 16 x 20mm	10	
IP18211	20 x 16 x 16mm	10	
IP18212	20 x 16 x 20mm	10	
IP18221	20 x 20 x 16mm	10	
IP18223	20 x 20 x 26mm	10	
IP18311	26 x 16 x 16mm	10	
IP18312	26 x 16 x 20mm	10	
IP18313	26 x 16 x 26mm	10	
IP18322	26 x 20 x 20mm	10	
IP18323	26 x 20 x 26mm	10	
IP18331	26 x 26 x 16mm	10	
IP18332	26 x 26 x 20mm	10	
IP18334	26 x 26 x 32mm	10	
IP18414	32 x 16 x 32mm	10	
IP18424	32 x 20 x 32mm	10	
IP18432	32 x 26 x 20mm	10	
IP18433	32 x 26 x 26mm	10	
IP18434	32 x 26 x 32mm	10	
IP18441	32 x 32 x 16mm	10	
IP18442	32 x 32 x 20mm	10	
IP18443	32 x 32 x 26mm	10	
IP18552	40 x 40 x 20mm	5	
IP18553	40 x 40 x 26mm	5	
IP18554	40 x 40 x 32mm	5	
IP18663	50 x 50 x 26mm	1	
IP18664	50 x 50 x 32mm	1	
IP18665	50 x 50 x 40mm	1	
IP18774	63 x 63 x 32mm	1	
IP18775	63 x 63 x 40mm	1	
IP18776	63 x 63 x 50mm	1	



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

IP19 Wallplate Elbow

CODE	SIZE	PACK QTY
IP19001	½" F x 16mm	10
IP19012	½" F x 20mm	10



IP30 Tee

CODE	SIZE	PACK QTY
IP30001	16 x 16 x ½" F	10
IP30002	20 x 20 x ¾" F	10
IP30331*	26 x 26 x ½" F	10
IP30003	26 x 26 x 1" F	10
IP30443	32 x 32 x 1" F	10



IP51 Stop End

CODE	SIZE	PACK QTY
IP51001	16mm	10
IP51002	20mm	10
IP51003	26mm	10
IP51004	32mm	10



IP20 Nut & Insert Adaptor to Copper Compression

CODE	SIZE	PACK QTY
IP20001	½" x 16mm	10
IP20002	15mm x 16mm	10
IP20003	¾" x 20mm	10
IP20004	1" x 26mm	10
IP20005	22mm x 20mm	10
IP20006	28mm x 26mm	10
IP20001CP	½" x 16mm	10
IP20002CP	15mm x 16mm	10



IP20002CP is suitable for use with all 15mm Sanbra Fyffe Standard TRV's and Rad Valves.

Kiwa Reg4 Approved

IP20 Press Adaptor to Copper Compression

CODE	SIZE	PACK QTY
IP20060	½" x 16mm	10
IP20061	15mm x 16mm	10
IP20062	¾" x 20mm	10



*Not WRAS Approved

Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

IP21 Press Adaptor to Copper Press

CODE	SIZE	PACK QTY
IP21001	16mm x 15mm	10
IP21002	20mm x 22mm	10
IP21003	26mm x 28mm	10
IP21004	16mm x ½"	10
IP21005	20mm x ¾"	10
IP21006	26mm x 1"	10



Shower Bracket

CODE	SIZE	PACK QTY
IP93001	16mm	



IP27 Tap Connector

CODE	SIZE	PACK QTY
IP27001*	16mm x 15mm	10



IP70 Tap Isolating Valve

CODE	SIZE	PACK QTY
IP700051*	16mm x ½"	
IP700049*	16mm x 15mm	



IP80 Lever Ball Valve

CODE	SIZE	PACK QTY
IP80001	16mm	10
IP80002	20mm	5
IP80003	26mm	5
IP80004	32mm	5

Please specify red or blue handles when ordering (use 'R' or 'B' after code above)
Not WRAS Approved



Flexible Hoses

CODE	SIZE	PACK QTY
IP700110*	½" X 16mm IP x 300mm	
IP700109*	½" X 16mm IP x 500mm	



Thermostatic Radiator Valves

CODE	SIZE	PACK QTY
IP771095*	16mm TRV Only	
IP771096*	16mm TRV Pack	

*Not WRAS Approved

Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.



Brass Manifolds

CODE	SIZE	
771871C*	¾" x ½" x 2 Port + IP Adaptor	
771872C*	1" x ½" x 2 Port + IP Adaptor	
771874C*	¾" x ½" x 3 Port + IP Adaptor	
771875C*	1" x ½" x 3 Port + IP Adaptor	
771877C*	¾" x ½" x 4 Port + IP Adaptor	
771878C*	1" x ½" x 4 Port + IP Adaptor	



IP Brass Manifolds with Fixed Adaptors

CODE	SIZE	
IP771871*	¾" x 16mm 2 Port Manifold	
IP771874*	¾" x 16mm 3 Port Manifold	
IP771877*	¾" x 16mm 4 Port Manifold	
IP771872*	1" x 16mm 2 Port Manifold	
IP771875*	1" x 16mm 3 Port Manifold	
IP771878*	1" x 16mm 4 Port Manifold	



IP WRAS Approved Brass Manifold

CODE	SIZE	
771871PWK	¾" x 16mm 2 Port Manifold	
771874PWK	¾" x 16mm 3 Port Manifold	
771877PWK	¾" x 16mm 4 Port Manifold	
771872PWK	1" x 16mm 2 Port Manifold	
771875PWK	1" x 16mm 3 Port Manifold	
771878PWK	1" x 16mm 4 Port Manifold	



IP WRAS Approved Brass Manifold

CODE	SIZE	
771897PWK	1" x ¾" x 4 Port Manifold	
771896PWK	1" x ¾" x 3 Port Manifold	
771879PWK	1" x ¾" x 2 Port Manifold	



IP Brass Manifolds - with ISO Valves

CODE	SIZE	
IP771892*	¾" x 16mm 2 Port Manifold with ISO Valve	
IP771894*	¾" x 16mm 3 Port Manifold with ISO Valve	
IP771895*	¾" x 16mm 4 Port Manifold with ISO Valve	
IP771893*	1" x 16mm 2 Port Manifold with ISO Valve	



IP Manifold Blank

CODE	SIZE	
IP51011*	½"	

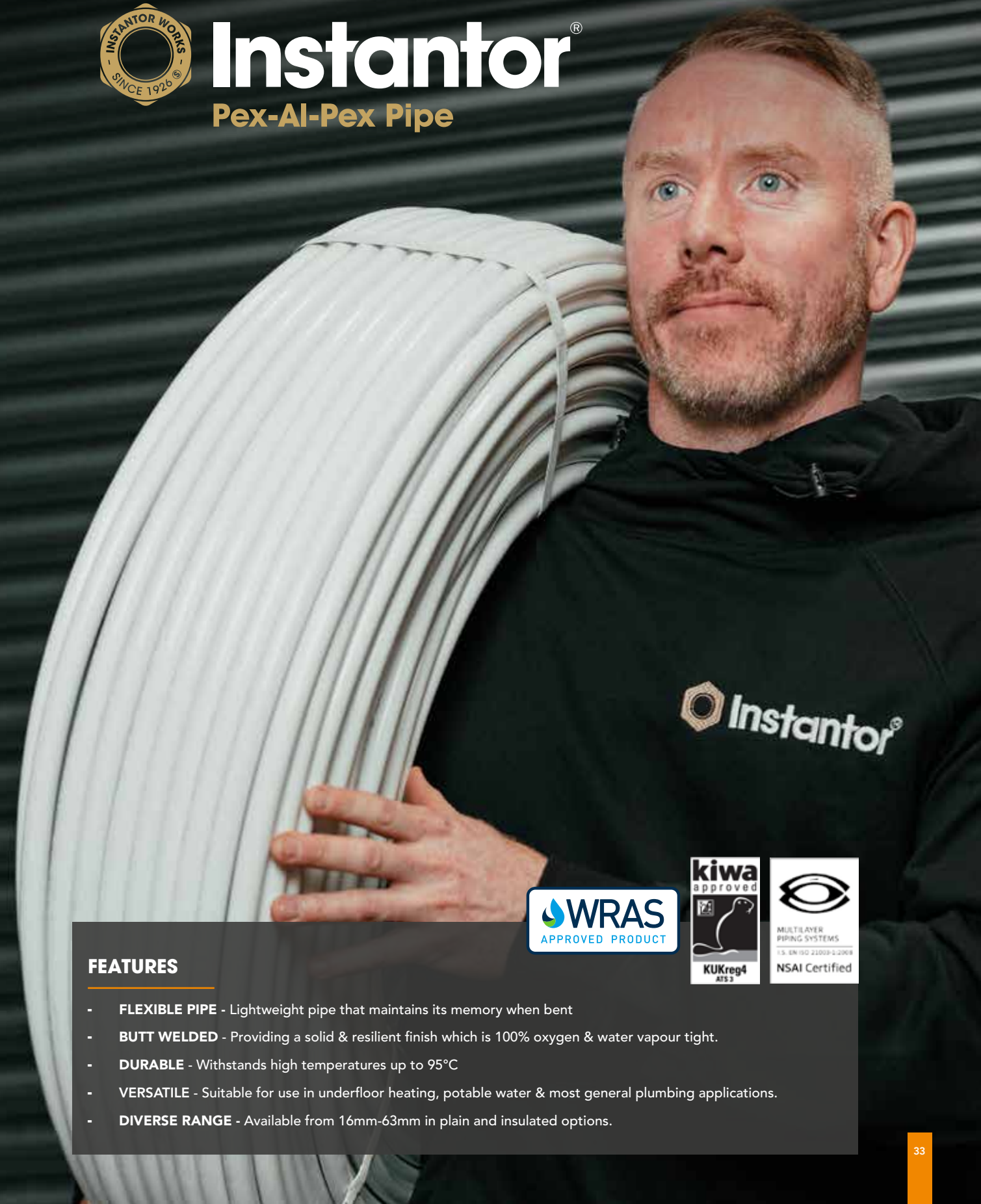


Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.



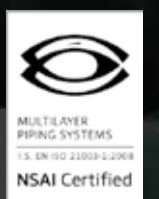
Instantor®

Pex-Al-Pex Pipe



FEATURES

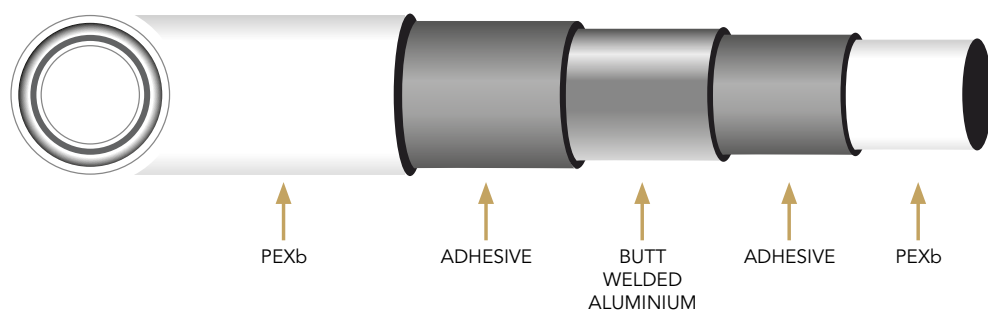
- **FLEXIBLE PIPE** - Lightweight pipe that maintains its memory when bent
- **BUTT WELDED** - Providing a solid & resilient finish which is 100% oxygen & water vapour tight.
- **DURABLE** - Withstands high temperatures up to 95°C
- **VERSATILE** - Suitable for use in underfloor heating, potable water & most general plumbing applications.
- **DIVERSE RANGE** - Available from 16mm-63mm in plain and insulated options.





Instantor[®]

Pex-Al-Pex Pipe



PE-xB/Al/PE-xB Multilayer Pipe

Instantor Pex-Al-Pex Pipe Lengths

CODE	SIZE	PACK QTY
IPAP111	16mm x 4M	50
IPAP112	20mm x 4M	35
IPAP113	26mm x 4M	20
IPAP114	32mm x 4M	12
IPAP115	40mm x 4M	6
IPAP116	50mm x 4M	5
IPAP117	63mm x 4M	5

Instantor Pex-Al-Pex Pipe Coils

CODE	SIZE	PALLET QTY
IPAP101	16mm x 100M	10
IPAP102	20mm x 100M	10
IPAP103	26mm x 50M	10
IPAP104	32mm x 50M	10
IPAP105	16mm x 500M	5
IPAP106	16mm x 120M	5
IPAP107	16mm x 200M	5



INSTANTOR PE-xB/Al/PE-xB Pipe

Technical Specifications

UNIT OF MEASUREMENT		IPAP101 IPAP111	IPAP102 IPAP112	IPAP103 IPAP113	IPAP104 IPAP114	IPAP105 -	IPAP107 -	- IPAP115	- IPAP116	- IPAP117
Outer Diameter	mm	16	20	26	32	16	16	40	50	63
Inner Diameter	mm	12	16	20	26	12	12	32	41	51
Weight	kg/M	0.110	0.147	0.268	0.355	0.110	0.110	0.557	0.797	1.269
Thickness of Aluminium	mm	0.25	0.3	0.35	0.5	0.25	0.25	0.5	0.5	0.6
Total Thickness	mm	2	2	3	3	2	2	4	4.5	6
Coils Length	M	100	100	50	50	500	200	-	-	-
Straight Lengths	M	4	4	4	4	-	-	4	4	4
Volume of water	l/m	0.113	0.201	0.314	0.531	0.113	0.113	0.803	1.319	2.014
Internal roughness	µm	7								
Thermal conductivity at Delta T 40°C	W/mk	0.43								
Coefficient of expansion	mm/m°C	0.025								
Degree of crosslinking	°C	≥65°C								
Oxygen permeability	mg/l	0								
Colour		White								
Type		PE-xB/Al/PE-xB multilayer pipe								
Field of application		Plumbing in civil, industrial and commercial applications								
Fluid		Potable water, technical water, and water glycol(*)								
Max peak temperature	°C	110								
Minimum operating temperature(*)	°C	0								
Maximum operating pressure at 95°C	bar	6								
Maximum operating pressure at 20°C	bar	10								
Duration at 95°C and 6 bar		Time duration to be determined by service conditions								
Storage		Avoid prolonged exposure to direct sunlight								
Minimum bend radius		5 times the diameter								

(*) In the case of water glycol, in order to define the minimum operating temperature, it is necessary to know the elements of the mixture and the various concentrations.

Application Class Table (ISO 21003-1)

APPLICATION CLASS	DESIGN TEMPERATURE T _D °C	TIME ^b AT T _D YEARS	T _{max} °C	TIME AT T _{max} YEARS	T _{mal} °C	TIME AT T _{mal} h	TYPICAL FIELD OF APPLICATION
1 ^a	60	49	80	1	95	100	Hot water supply (60°C)
2 ^a	70	49	80	1	95	100	Hot water supply (70°C)
4 ^b	20 + Cumulative 40 + Cumulative 60	2.5 20 25	70	2.5	100	100	Underfloor heating and low-temperature radiators
5 ^b	20 + Cumulative 60 + Cumulative 80	14 25 10	90	1	100	100	High-temperature radiators

^a A country may select either class 1 or class 2 in conformity with its nation regulations.

^b Where more than one design temperature for time and associated temperature appears for any class, they should be aggregated. "Plus cumulative" in the table implies a temperature profile of the mentioned temperature over time (e.g. the design temperature profile for 50 years for class 5 is 20°C for 14 years followed by 60°C for 25 years, 80°C for 10 years, 90°C for 1 year and 100°C for 100h).

NOTE: For values of T_D, T_{max} and T_{mal} in excess of those in the table, this International Standard does not apply. In the case of water glycol, in order to define the minimum operating temperature, it is necessary to know the elements of the mixture and the various concentrations.



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.



PE-xB/AI/PE-xB Multilayer Insulated Pipe

Instantor Pex-AI-Pex Pipe Insulated Coils

SIZE	WHITE		RED		BLUE		PALLET QTY
	CODE		CODE		CODE		
16mm x 100M	IPAP201		IPAP301		IPAP401		10
20mm x 50M	IPAP202		IPAP302		IPAP402		10
26mm x 25M	IPAP203		IPAP303		IPAP403		10
32mm x 25M	IPAP204		IPAP304		IPAP404		10
26mm x 50M	IPAP205		-		-		-

Instantor Pex-AI-Pex Pipe - Increased Insulation

CODE	SIZE		INSULATION THICKNESS	LINEAR HEAT LOSS	MAX PERMISSIBLE HEAT LOSS
IPAP501	16mm x 50M		9mm	7.008 W/m	7.89 W/m
IPAP502	20mm x 50M		13mm	7.436 W/m	9.12 W/m
IPAP503	26mm x 25M		13mm	9.491 W/m	10.07 W/m
IPAP504	32mm x 25M		13mm	10.974W/m	11.08 W/m

IPAP5 RANGE IS PART L DOMESTIC TABLE 20 COMPLIANT

Linear Heat Loss Calculated as per ISO12241 via BS5422. Water temperature 60°, with still air temperature 15°

Instantor Pex-AI-Pex Pipe - Increased Insulation - BL Fire Rated

CODE	SIZE		INSULATION THICKNESS	LINEAR HEAT LOSS	MAX PERMISSIBLE HEAT LOSS
IPAP601	16mm x 100M		9mm	7.309 W/m	7.89 W/m
IPAP602	20mm x 50M		13mm	7821 W/m	9.12 W/m
IPAP603	26mm x 25M		13mm	9.674 W/m	10.07 W/m

IPAP6 RANGE IS PART L DOMESTIC TABLE 20 COMPLIANT

Linear Heat Loss Calculated as per ISO12241 via BS5422. Water temperature 60°, with still air temperature 15°

INSTANTOR PE-xB/AI/PE-xB Pipe

Technical Specifications

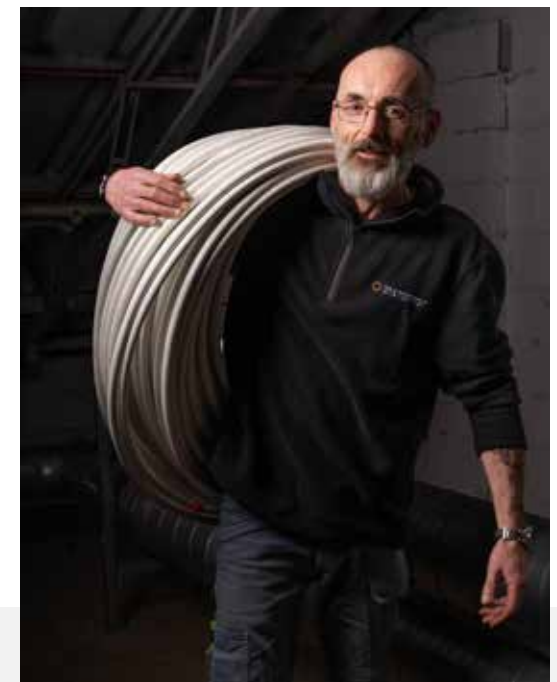
UNIT OF MEASUREMENT		IPAP201 IPAP301 IPAP401	IPAP202 IPAP302 IPAP402	IPAP203 IPAP303 IPAP403	IPAP204 IPAP304 IPAP404	IPAP205	IPAP501	IPAP502	IPAP503	IPAP601	IPAP602	IPAP603
Outer diameter	mm	16	20	26	32	26	16	20	26	16	20	26
Insulation Thickness (round)	mm	6	6	6	6	6	9	13	13	9	13	13
Diameter pipe + sheath (heating)	mm	28	32	38	44	38	34	46	50	34	46	52
Aluminium thickness	mm	0.25	0.3	0.35	0.5	0.35	0.25	0.30	0.35	0.25	0.30	0.35
Roll length	M	100	50	25	25	50	50	50	25	50	50	25
Volume of water	l/m	0.113	0.201	0.314	0.531	0.314	0.113	0.201	0.314	0.113	0.201	0.314
Thermal conductivity at 20°C	W/mk	0.04										
Internal roughness	µm	7										
Coefficient of expansion	kg/m³	35 to 45										
Degree of crosslinking	%	≥65%										
Oxygen permeability	mg/l	0										
Colour		White / Red / Blue										
Pipe material		PE-xB/AI/PE-xB multilayer pipe										
Sheath material		closed-cell polyethylene foam PE-LD										
Scratch-resistant finish layer		closed-cell polyethylene foam PE-LD										
Field of application		Plumbing in civil, industrial and commercial applications										
Fluid		Potable water, technical water, and water glycol(*)										
Max peak temperature	°C	110										
Minimum operating temperature(*)	°C	0										
Maximum operating pressure at 95°C	bar	6										
Maximum operating pressure at 20°C	bar	10										
Duration at 95°C and 6 bar		Time duration to be determined by service conditions										
Storage		Avoid prolonged exposure to direct sunlight										
Minimum bend radius(**)		5 times the diameter										
Fire Classification		B2 (DIN 4102) / EL (EN 13501-1:2007 A1:2009)								BL-S1-D0 (EN13501)		

(*)Reference is made to a sheathed pipe and the use of a suitable water glycol mix.

(**)Take the thickness of the sheath into account when bending a pipe with a bender.

e.g. Ø16 sheath: total thickness=28mm,use bender with Ø26 profile.

See page 35 for Application Class Table (ISO 21003-1)



Accessories

IP20 Bending Spring Pack (Internal & External)

CODE	SIZE	BOX QTY	
IP20030	16mm	10	
IP20031	20mm	10	
IP20032	26mm	10	
IP20033	32mm	5	



Pipe Decoiler

CODE	SIZE	BOX QTY	
IP20017	Suits All Sizes	-	



Push Fit Press Test Fitting

CODE	SIZE	
IP20071*	16mm Incl Tool	
IP20072*	20mm Incl. Tool	
IP20075*	16mm Removal Tool	
IP20076*	20mm Removal Tool	



Pressure Test Gauge

CODE	SIZE	
IP20077*	Gauge For Pressure Test Fittings	



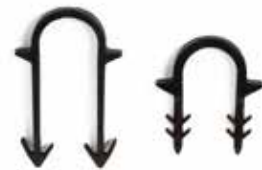
Adhesive Tracking Strip

CODE	SIZE	
IP20019	16mm x 1M	



Pipe Staple

CODE	SIZE	BOX QTY	
IP20014	16mm x 40mm	30	
IP20012	16mm x 60mm	30	



Manifold Bracket

CODE	SIZE	BOX QTY	
771910	¾"	20	
771911	1"	18	



*Not WRAS Approved

Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.





Instantor[®]

Copper Press

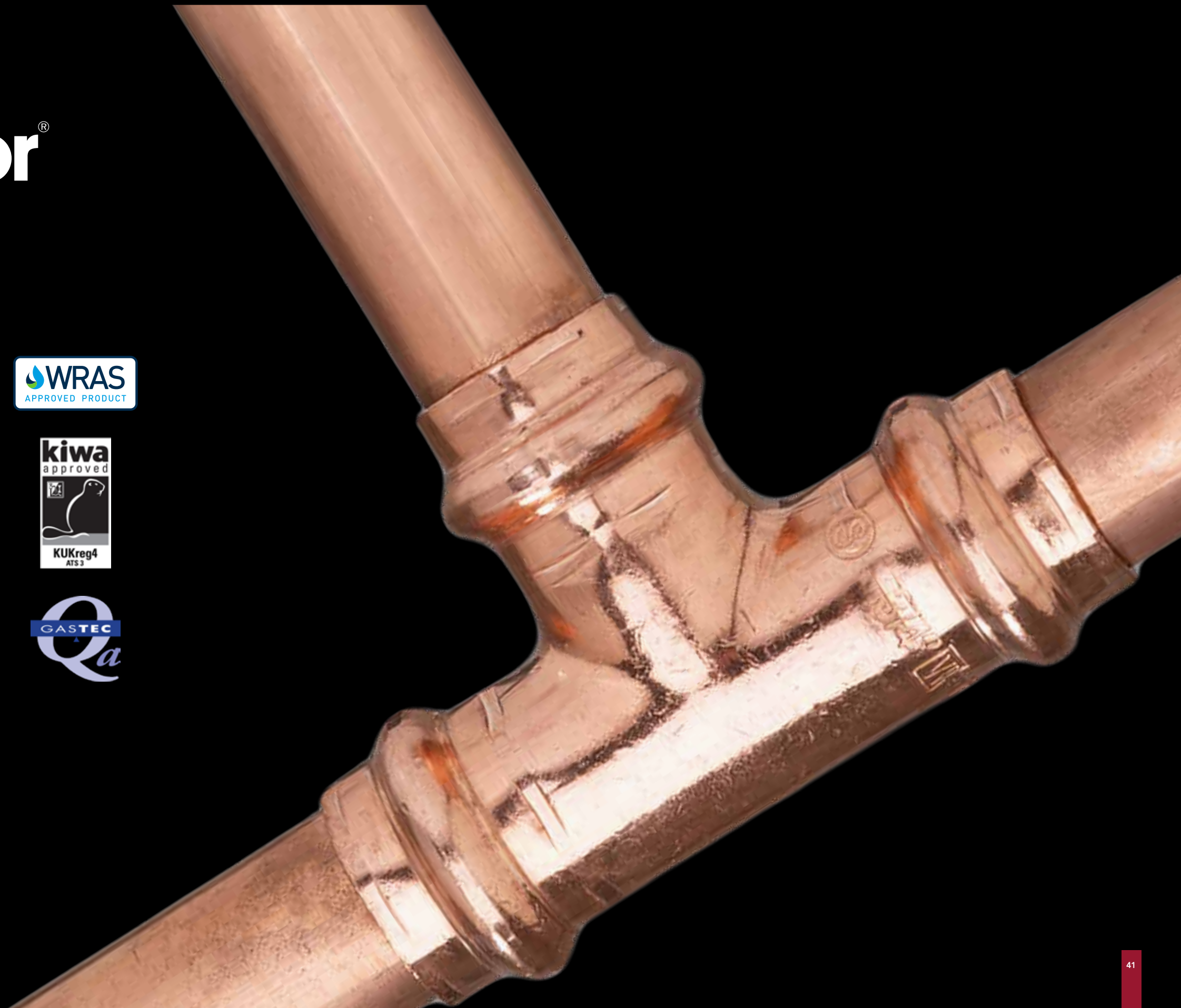
INSTANTOR COPPER PRESS

25
YEAR
WARRANTY

Instantor Copper Press fittings are available for water and gas applications. A cutting-edge range offering a quality assured solution with flame free jointing for a quicker and safer installation.

Instantor Copper Press has been rigorously evaluated and certified by WRAS & KIWA to reaffirm our dedication to delivering products that consistently meet the highest standard of quality, safety and performance.

The GAS range of fittings are GASTEC QA approved and feature yellow HNBR O-Rings which are also approved to the relevant industry standards. No hot works permit is required and copper press fittings are quicker and more cost-effective to install than traditional plumbing methods.





Instantor®

Copper Press

FEATURES

- **CERTIFIED** - WRAS & KIWA approval on fittings
- **SAFER INSTALLATIONS** - Flame free jointing with no requirement for hotworks permit
- **QUICK TO INSTALL** - Installation complete in just 5 steps. Cut, Calibrate, Check, Mark & Press
- **SAVE ON TIME** - 35% faster install than traditional soldering method
- **EXTENSIVE OFFERING** - Available in Imperial & Metric sizing
- **LEAK DETECTION** - EPDM O-Rings designed with feature to identify un-pressed joints during system testing

INSTALLATION INSTRUCTIONS



CUT

1. Ensure that the fitting is the correct size for the tube being used. Cut the pipe to length using a good quality pipe cutter or rotary pipe cutter. It is important that pipe ends are clean, cut square, and the pipe is not deformed. High speed grinding wheels are not suitable.



CALIBRATE

2. All burrs and sharp edges should be removed. Using a de-burring tool to both the inside and outside of the pipe, leaving an external chamfer. Wipe the pipe end clean. The pipe ends should be free from scratches or scores for a distance not less than the socket depth. **NOTE:** A poorly calibrated pipe could damage the O-ring on insertion.



CHECK

3. Before inserting the pipe, check the O-ring is seated, lubricated and free from damage. (Re-moisten O-ring with water if necessary).



MARK

4. Insert the pipe fully into the socket of the fitting until it hits the pipe stop (or until pipes meet in the middle in fittings without a pipe stop). Mark the insertion depth with black marker to ensure the pipe has been fully inserted before pressing.



PRESS

5. Making sure to select the correct profile Jaw, VI or M for copper press, execute the press cycle. After the press tool cycle is complete remove the Press Jaws and check that the socket depth marking on the pipe has remained in place, adjacent to the mouth of the fitting.

NOTE: Fittings should be kept in original packaging to protect the O-ring and prevent drying out of lubrication.

NB: Copper Press water fittings are only suitable for water applications and O rings are not interchangeable with other Instantor Copper Press Products. Only water Copper Press product (indicated with black O-Rings) should be used on water installations and under no circumstances should 'O-rings' be changed or altered.

TECHNICAL SUMMARY

- **Operating Pressure & Temperatures:**
 - 16bar @ 30°C
 - 10bar @ 95°C
- **Max Operating Temperature:** 110°C
- **Min Operating Temperature:** -25°C

Further technical information available, see page 50.

SPACING BETWEEN FITTINGS

Minimum spacing between fittings is recommended as follows:

15mm / 1/2" - 10mm space
22mm / 3/4" - 20mm space
28mm / 1" - 20mm space

PIPE SUPPORT

Pipe supports should be used to prevent movement and vibration in the finished system.

Maximum bracket distance for copper tube:
15mm / 1/2" 1.8m Vertical 1.2m Horizontal
22mm / 3/4" 2.4m Vertical 1.8m Horizontal
28mm / 1" 2.4m Vertical 1.8m Horizontal

WARNING

Due care should be taken to prevent damage to copper press fittings and O-rings by heat transfer due to nearby brazing. High temperature can anneal copper pipe making it too soft for press fit along with causing excessive heat damage to the EPDM O-rings. Each fitting and O-ring should be inspected before installation to confirm that there is no damage or defects due to storage or transportation. Do not use fitting if any visual defects are noted.

WATER

WATER Imperial Fittings

CP310 Straight Coupler

CODE	SIZE	PACK QTY
CP310001	½"	10
CP310002	¾"	10
CP310003	1"	10



CP310 Straight Reducer

CODE	SIZE	PACK QTY
CP310021	¾" x ½"	10
CP310031	1" x ½"	10
CP310032	1" x ¾"	10



CP310 Slip Coupler

CODE	SIZE	PACK QTY
CP3100S1	½"	10
CP3100S2	¾"	10
CP3100S3	1"	10



CP311 Straight Coupler M.I x Press

CODE	SIZE	PACK QTY
CP311001	½"M x ½" Press	10
CP311002	¾"M x ¾" Press	10
CP311003	1"M x 1" Press	10



CP312 Straight Coupler F.I x Press

CODE	SIZE	PACK QTY
CP312001	½"F x ½" Press	10
CP312002	¾"F x ¾" Press	10
CP312003	1"F x 1" Press	10



CP313 Bent Swivel Connector

CODE	SIZE	PACK QTY
CP313001*	½" x ½"	10
CP313002*	¾" x ¾"	10



CP314 Straight Swivel Connector

CODE	SIZE	PACK QTY
CP314001*	½" x ½"	10
CP314002*	¾" x ¾"	10



CP315 Elbow

CODE	SIZE	PACK QTY
CP315001	½"	10
CP315002	¾"	10
CP315003	1"	10
CP315021	¾" x ½"	10
CP315031	1" x ½"	10
CP315032	1" x ¾"	10



CP317W Wallplate Elbow

CODE	SIZE	PACK QTY
CP319001*	½"	10
CP319002*	¾"	10



CP318 Equal Tee

CODE	SIZE	PACK QTY
CP318001	½"	10
CP318002	¾"	10
CP318003	1"	10



CP318 Reducing Tee

CODE	SIZE	PACK QTY
CP318112	½" x ½" x ¾"	10
CP318211	¾" x ½" x ½"	10
CP318212	¾" x ½" x ¾"	10
CP318221	¾" x ¾" x ½"	10
CP318223	¾" x ¾" x 1"	10
CP318311	1" x ½" x ½"	5
CP318312	1" x ½" x ¾"	5
CP318313	1" x ½" x 1"	5
CP318321	1" x ¾" x ½"	5
CP318322	1" x ¾" x ¾"	5
CP318323	1" x ¾" x 1"	5
CP318331	1" x 1" x ½"	5
CP318332	1" x 1" x ¾"	5



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

*Not WRAS Approved.

Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

*Not WRAS Approved.

CP319 Fitting Reducer

CODE	SIZE	PACK QTY
CP319021	¾" x ½"	10
CP319031	1" x ½"	10
CP319032	1" x ¾"	10



CP325 Obtuse Street Elbow

CODE	SIZE	PACK QTY
CP325001	½"	10
CP325002	¾"	10
CP325003	1"	10



CP335 Street Elbow

CODE	SIZE	PACK QTY
CP335001	½"	10
CP335002	¾"	10
CP335003	1"	10



CP345 Obtuse Bend

CODE	SIZE	PACK QTY
CP345001	½"	10
CP345002	¾"	10
CP345003	1"	10



CP351 Stop End

CODE	SIZE	PACK QTY
CP351001	½"	10
CP351002	¾"	10
CP351003	1"	10



CP368 633 M.T Cock

CODE	SIZE	PACK QTY
CP368001*	½" Press	10



IP21 Press Adaptor to Copper Press

CODE	SIZE	PACK QTY
IP21004	16mm x ½"	10
IP21005	20mm x ¾"	10
IP21006	26mm x 1"	10



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

*Not WRAS Approved.

WATER Metric Fittings

CP410 Straight Coupler

CODE	SIZE	PACK QTY
CP410001	15mm	10
CP410002	22mm	10
CP410003	28mm	10
CP410004	35mm	L
CP410005	42mm	L
CP410006	54mm	L



CP410 Straight Reducer

CODE	SIZE	PACK QTY
CP410021	22mm x 15mm	10
CP410031	28mm x 15mm	10
CP410032	28mm x 22mm	10



CP410 Slip Coupler

CODE	SIZE	PACK QTY
CP4100S1	15mm	10
CP4100S2	22mm	10
CP4100S3	28mm	10



CP411 Straight Coupler M.I x Press

CODE	SIZE	PACK QTY
CP411001	½"M x 15mm Press	10
CP411002	¾"M x 22mm Press	10
CP411003	1"M x 28mm Press	10



CP412 Straight Coupler F.I x Press

CODE	SIZE	PACK QTY
CP412001	½"F x 15mm Press	10
CP412002	¾"F x 22mm Press	10
CP412003	1"F x 28mm Press	10



CP413 Bent Swivel Connector

CODE	SIZE	PACK QTY
CP413001*	15mm x ½"	10
CP413002*	22mm x ¾"	10



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

*Not WRAS Approved.

CP414 Straight Swivel Connector

CODE	SIZE	PACK QTY
CP414001*	15mm x 1/2"	10
CP414002*	22mm x 3/4"	10



CP415 Elbow

CODE	SIZE	PACK QTY
CP415001	15mm	10
CP415002	22mm	10
CP415003	28mm	5
CP415004	35mm	L
CP415005	42mm	L
CP415006	54mm	L
CP415021	22mm x 15mm	10
CP415031	28mm x 15mm	5
CP415032	28mm x 22mm	5

CP418 Equal Tee

CODE	SIZE	PACK QTY
CP418001	15mm	10
CP418002	22mm	10
CP418003	28mm	4
CP418004	35mm	L
CP418005	42mm	L
CP418006	54mm	L



CP418 Reducing Tee

CODE	SIZE	PACK QTY
CP418112	15mm x 15mm x 22mm	10
CP418211	22mm x 15mm x 15mm	10
CP418212	22mm x 15mm x 22mm	10
CP418221	22mm x 22mm x 15mm	10
CP418223	22mm x 22mm x 28mm	5
CP418311	28mm x 15mm x 15mm	5
CP418312	28mm x 15mm x 22mm	5
CP418313	28mm x 15mm x 28mm	5
CP418321	28mm x 22mm x 15mm	5
CP418322	28mm x 22mm x 22mm	5
CP418323	28mm x 22mm x 28mm	5
CP418331	28mm x 28mm x 15mm	5
CP418332	28mm x 28mm x 22mm	5



CP468 633 M.T Cock

CODE	SIZE	PACK QTY
CP468001*	15mm Press	10



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

**Not WRAS Approved.*

CP419 Fitting Reducer

CODE	SIZE	PACK QTY
CP419021	22mm x 15mm	10
CP419031	28mm x 15mm	10
CP419032	28mm x 22mm	10
CP419043	35mm x 28mm	L
CP419054	42mm x 35mm	L
CP419065	54mm x 42mm	L



CP425 Obtuse Street Elbow

CODE	SIZE	PACK QTY
CP425001	15mm	10
CP425002	22mm	10
CP425003	28mm	10



CP435 Street Elbow

CODE	SIZE	PACK QTY
CP435001	15mm	10
CP435002	22mm	10
CP435003	28mm	10



CP445 Obtuse Bend

CODE	SIZE	PACK QTY
CP445001	15mm	10
CP445002	22mm	10
CP445003	28mm	10



CP451 Stop End

CODE	SIZE	PACK QTY
CP451001	15mm	10
CP451002	22mm	10
CP451003	28mm	10
CP415004	35mm	10
CP415005	42mm	10
CP415006	54mm	10



IP21 Press Adaptor to Copper Press

CODE	SIZE	PACK QTY
IP21001	16mm x 15mm	10
IP21002	20mm x 22mm	10
IP21003	26mm x 28mm	10



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.



Instantor[®]

Copper Press

TECHNICAL INFORMATION

PRESSING PROFILE:

VI Profile - Sizes 1/2", 3/4" & 1"

M Profile - Sizes: 15mm, 22mm, 28mm, 35mm, 42mm & 54mm

APPLICATION:

Fittings with black EPDM O-Rings are designed for use in hot and cold water services, heating systems*, chilled water. Instantor Copper press fittings are designed to be used with hard or half hard copper pipe conforming to EN 1057.

*Excluding solar heating applications, solid fuel primary pipelines and directly buried/embedded applications.

SYSTEM TESTING:

Pressure testing on Instantor Copper Press fittings should normally be carried out using clean potable water in accordance with EN806.

All fitting joints installed in the system must remain completely visible and accessible until the system has been successfully leak and pressure tested.

After flushing, fill the system with clean potable water ensuring all trapped air has been expelled. Apply pressure between 1 and 2 bar and perform inspection for un-pressed fittings. If un-pressed fittings are identified, they may be pressed without draining the system. Do not press fittings more than once. When satisfied, no un-pressed fittings remain, increase pressure slowly to the system test pressure. Testing of the system should be carried out in accordance with EN806 to 1.1 times the working pressure (Maximum Design Pressure) of the system.

Full test pressure should hold for a minimum of 30 minutes without any sign of drop in pressure. Final visual inspection should then be carried out to confirm system is leak tight.

GUARANTEE:

Copper is known for its durability, corrosion resistance, thermal conductivity, and hygienic qualities. In some cases, (e.g. chilled water lines) external protection may be required to protect against corrosive conditions.

Instantor Copper Press fittings are guaranteed for 25 years provided they have been installed following correct procedure within operating conditions for which they are designed, by a fully qualified plumber using the correct pressing equipment which holds a valid calibration certificate.

CERTIFICATION:



Imperial Instantor Copper Press
WRAS Approval Number: 2003301 & 2205310
Metric Instantor Copper Press
WRAS Approval Number: 240404051 & 2205310



Imperial Instantor Copper Press
KIWA Certificate Number: 2002711





Instantor®

Copper Press

FEATURES

- **CERTIFIED** - KIWA GASTEC approval on fittings
- **SAFER INSTALLATIONS** - Flame free jointing with no requirement for hotworks permit
- **QUICK TO INSTALL** - Installation complete in just 5 steps. Cut, Calibrate, Check, Mark & Press
- **SAVE ON TIME** - 35% faster install than traditional soldering method
- **EXTENSIVE OFFERING** - Available in Imperial & Metric sizing
- **AESTHETIC FINISH** - Neater & cleaner finish with no risk of heat or scorch marks!

INSTALLATION INSTRUCTIONS



CUT

1. Ensure that the fitting is the correct size for the tube being used. Cut the pipe to length using a good quality pipe cutter or rotary pipe cutter. It is important that pipe ends are clean, cut square, and the pipe is not deformed. High speed grinding wheels are not suitable.



CALIBRATE

2. All burrs and sharp edges should be removed. Using a de-burring tool to both the inside and outside of the pipe, leaving an external chamfer. Wipe the pipe end clean. The pipe ends should be free from scratches or scores for a distance not less than the socket depth. **NOTE:** A poorly calibrated pipe could damage the O-ring on insertion.



CHECK

3. Before inserting the pipe, check the O-ring is seated, lubricated and free from damage. (Re-moisten O-ring with water if necessary**).



MARK

4. Insert the pipe fully into the socket of the fitting until it hits the pipe stop (or until pipes meet in the middle in fittings without a pipe stop). Mark the insertion depth with black marker to ensure the pipe has been fully inserted before pressing.



PRESS

5. Making sure to select the correct profile Jaw ('VI' for Imperial/Irish Instantor Copper Press), execute the press cycle. After the press tool cycle is complete remove the Press Jaws and check that the socket depth marking on the pipe has remained in place, adjacent to the mouth of the fitting.

NOTE: Fittings should be kept in original packaging to protect the O-ring and prevent drying out of lubrication.

NB: Copper Press gas fittings are only suitable for gas applications and O rings are not interchangeable with other Instantor Copper Press Products. Only gas Copper Press product (indicated with yellow O-Rings) should be used on gas installations and under no circumstances should 'O-rings' be changed or altered.

TECHNICAL SUMMARY

- **Operating Pressure & Temperatures:**
Under GASTEC QA 186 approval
200mbar domestic gaseous fuel
-20°C to +70°C

General -20°C to +70°C. MOP 5 Bar -
External above ground and MOP 1
Bar - within building subject to fire
regulations

Further technical information available, see page 58.

SPACING BETWEEN FITTINGS

Minimum spacing between fittings is recommended as follows:

15mm / ½" - 10mm space
22mm / ¾" - 20mm space
28mm / 1" - 20mm space

PIPE SUPPORT

Pipe supports should be used to prevent movement and vibration in the finished system. Maximum bracket distance for copper tube:

15mm / ½"	1.8m Vertical	1.2m Horizontal
22mm / ¾"	2.4m Vertical	1.8m Horizontal
28mm / 1"	2.4m Vertical	1.8m Horizontal

WARNING

Due care should be taken to prevent damage to copper press fittings and O-rings by heat transfer due to nearby brazing. High temperature can anneal copper pipe making it too soft for press fit along with causing excessive heat damage to the HNBR O-rings. Each fitting and O-ring should be inspected before installation to confirm that there is no damage or defects due to storage or transportation. Do not use fitting if any visual defects are noted.

GAS

GAS Imperial Fittings

CPG310 Gas Straight Coupler

CODE	SIZE	PACK QTY
CPG310001	½"	10
CPG310002	¾"	10
CPG310003	1"	10



CPG310 Gas Straight Reducer

CODE	SIZE	PACK QTY
CPG310021	¾" x ½"	10
CPG310031	1" x ½"	10
CPG310032	1" x ¾"	10



CPG310 Gas Slip Coupler

CODE	SIZE	PACK QTY
CPG3100S1	½"	10
CPG3100S2	¾"	10
CPG3100S3	1"	10



CPG311 Gas Straight Coupler M.I x Press

CODE	SIZE	PACK QTY
CPG311001	½"M x ½" Press	10
CPG311002	¾"M x ¾" Press	10
CPG311003	1"M x 1" Press	10



CPG312 Gas Straight Coupler F.I x Press

CODE	SIZE	PACK QTY
CPG312001	½"F x ½" Press	10
CPG312002	¾"F x ¾" Press	10
CPG312003	1"F x 1" Press	10



CPG315 Gas Elbow

CODE	SIZE	PACK QTY
CPG315001	½"	10
CPG315002	¾"	10
CPG315003	1"	10
CPG315021	¾" x ½"	10
CPG315031	1" x ½"	10
CPG315032	1" x ¾"	10



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

CPG318 Gas Equal Tee

CODE	SIZE	PACK QTY
CPG318001	½"	10
CPG318002	¾"	10
CPG318003	1"	10



CPG318 Gas Reducing Tee

CODE	SIZE	PACK QTY
CPG318211	¾" x ½" x ½"	10
CPG318212	¾" x ½" x ¾"	10
CPG318221	¾" x ¾" x ½"	10
CPG318313	1" x ½" x 1"	5
CPG318323	1" x ¾" x 1"	5
CPG318332	1" x 1" x ¾"	5



CPG319 Gas Fitting Reducer

CODE	SIZE	PACK QTY
CPG319021	¾" x ½"	10
CPG319031	1" x ½"	10
CPG319032	1" x ¾"	10



CPG325 Gas Obtuse Street Elbow

CODE	SIZE	PACK QTY
CPG325001	½"	10
CPG325002	¾"	10
CPG325003	1"	10



CPG335 Gas Street Elbow

CODE	SIZE	PACK QTY
CPG335001	½"	10
CPG335002	¾"	10
CPG335003	1"	10



CPG345 Gas Obtuse Bend

CODE	SIZE	PACK QTY
CPG345001	½"	10
CPG345002	¾"	10
CPG345003	1"	10



CPG351 Gas Stop End

CODE	SIZE	PACK QTY
CPG351001	½"	10
CPG351002	¾"	10
CPG351003	1"	10



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

GAS Metric Fittings

CPG410 Gas Straight Coupler

CODE	SIZE	PACK QTY
CPG410001	15mm	10
CPG410002	22mm	10
CPG410003	28mm	10



CPG410 Gas Straight Reducer

CODE	SIZE	PACK QTY
CPG410021	22mm x 15mm	10
CPG410031	28mm x 15mm	10
CPG410032	28mm x 22mm	10



CPG410 Gas Slip Coupler

CODE	SIZE	PACK QTY
CPG4100S1	15mm	10
CPG4100S2	22mm	10
CPG4100S3	28mm	10



CPG411 Gas Straight Coupler M.I x Press

CODE	SIZE	PACK QTY
CP4G11001	½"M x 15mm Press	10
CPG411002	¾"M x 22mm Press	10
CPG411003	1"M x 28mm Press	10



CPG412 Gas Straight Coupler F.I x Press

CODE	SIZE	PACK QTY
CPG412001	½"F x 15mm Press	10
CPG412002	¾"F x 22mm Press	10
CPG412003	1"F x 28mm Press	10



CPG415 Gas Elbow

CODE	SIZE	PACK QTY
CPG415001	15mm	10
CPG415002	22mm	10
CPG415003	28mm	5
CPG415021	22mm x 15mm	10
CPG415031	28mm x 15mm	5
CPG415032	28mm x 22mm	5



CPG418 Gas Equal Tee

CODE	SIZE	PACK QTY
CPG418001	15mm	10
CPG418002	22mm	10
CPG418003	28mm	4



CPG418 Gas Reducing Tee

CODE	SIZE	PACK QTY
CPG418211	22mm x 15mm x 15mm	10
CPG418212	22mm x 15mm x 22mm	10
CPG418221	22mm x 22mm x 15mm	10
CPG418313	28mm x 15mm x 28mm	5
CPG418323	28mm x 22mm x 28mm	5
CPG418332	28mm x 28mm x 22mm	5



CPG419 Gas Fitting Reducer

CODE	SIZE	PACK QTY
CPG419021	22mm x 15mm	10
CPG419031	28mm x 15mm	10
CPG419032	28mm x 22mm	10



CPG425 Gas Obtuse Street Elbow

CODE	SIZE	PACK QTY
CPG425001	15mm	10
CPG425002	22mm	10
CPG425003	28mm	10



CPG435 Gas Street Elbow

CODE	SIZE	PACK QTY
CPG435001	15mm	10
CPG435002	22mm	10
CPG435003	28mm	10



CPG445 Gas Obtuse Bend

CODE	SIZE	PACK QTY
CPG445001	15mm	10
CPG445002	22mm	10
CPG445003	28mm	10



CPG451 Gas Stop End

CODE	SIZE	PACK QTY
CPG451001	15mm	10
CPG451002	22mm	10
CPG451003	28mm	10



Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.

Note: Fittings should be kept in original packaging to prevent O-ring lubrication drying out before use.



Instantor[®]

Copper Press

TECHNICAL INFORMATION

PRESSING PROFILE:

M Profile - Sizes: 15mm, 22mm, 28mm

APPLICATION:

Instantor Gas Copper Press Fittings are designed to be used with half-hard copper tubes (R250) or hard copper tubes (R290) with a maximum diameter of 54mm according to GASTEC QA Approval Requirement 5. Instantor Gas Copper Press Fittings are suitable for domestic gas installations for the transport of gaseous fuels in accordance to the 2nd & 3rd family gases. The maximum operating pressure is 200mbar.

Instantor Gas Copper Press Fitting are for gas only and are stamped with GASTEC in yellow markings on the body of each fitting. The O-rings are constructed from premium HNBR which are approved to EN549 & EN682 for use in gas fuel services and are yellow in colour for identification purposes.

SYSTEM TESTING:

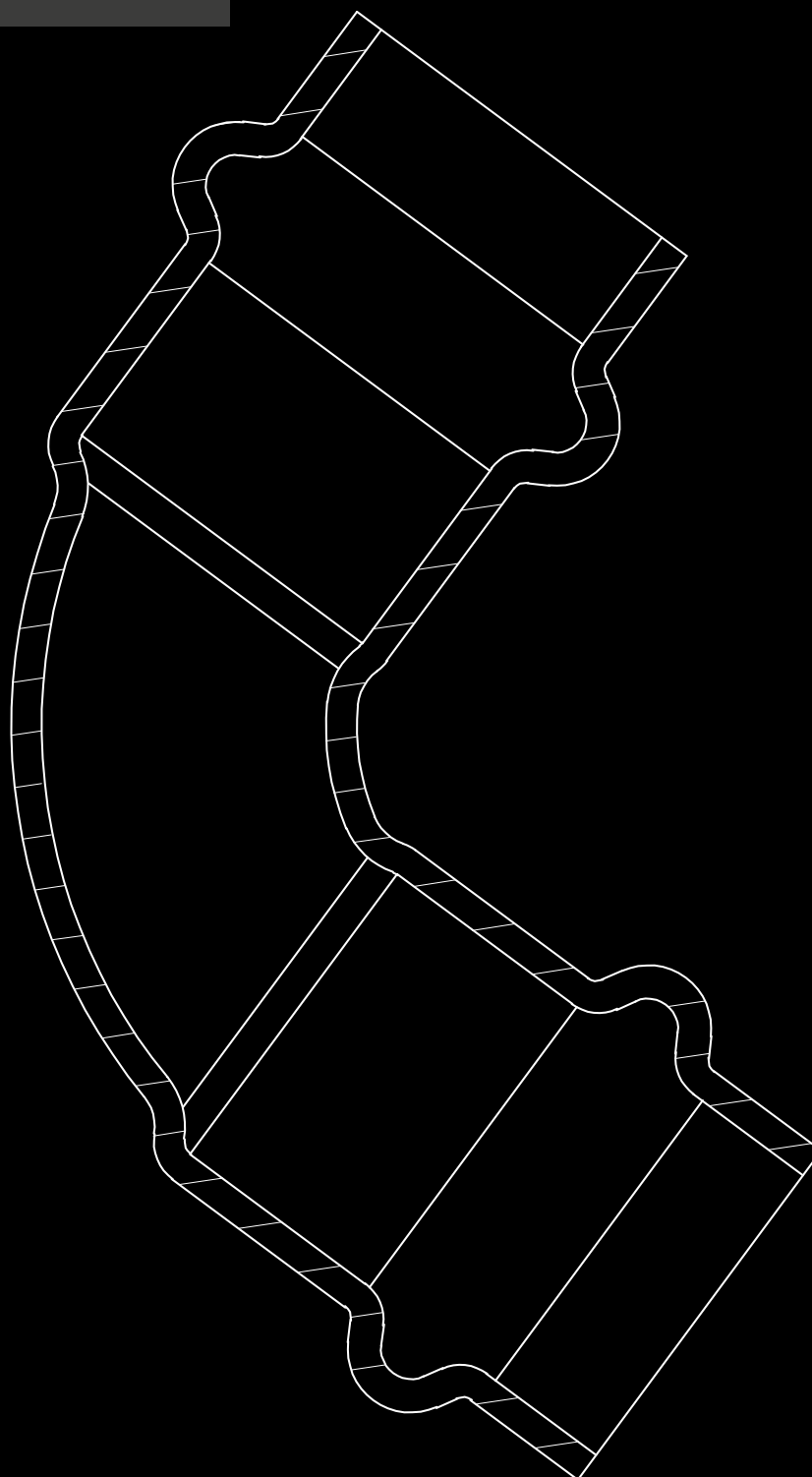
Pressure testing on Instantor Copper Press fittings should normally be carried out using air/leak detection spray in accordance with local regulations and standards e.g., IS813 and RGI.

All joints installed in the system must remain completely visible and accessible until the system has been successfully leak and pressure tested. Final inspections should then be carried out to confirm system is leak tight and sound.

GUARANTEE:

Copper is known for its durability, corrosion resistance, thermal conductivity, and hygienic qualities. In some cases, (sleeving/ marking is required - follow local building standards e.g IS813) external protection may be required to protect against corrosive conditions.

Instantor Copper Press fittings are guaranteed for 25 years provided they have been installed following correct procedure within operating conditions for which they are designed, by a fully competent person using the correct pressing equipment which holds a valid calibration certificate.



CERTIFICATION:



Imperial & Metric Instantor Gas Copper Press
KIWA GASTEC QA Approval Number: 110435/01





Instantor[®]

Stainless Steel Press

INSTANTOR
STAINLESS STEEL PRESS



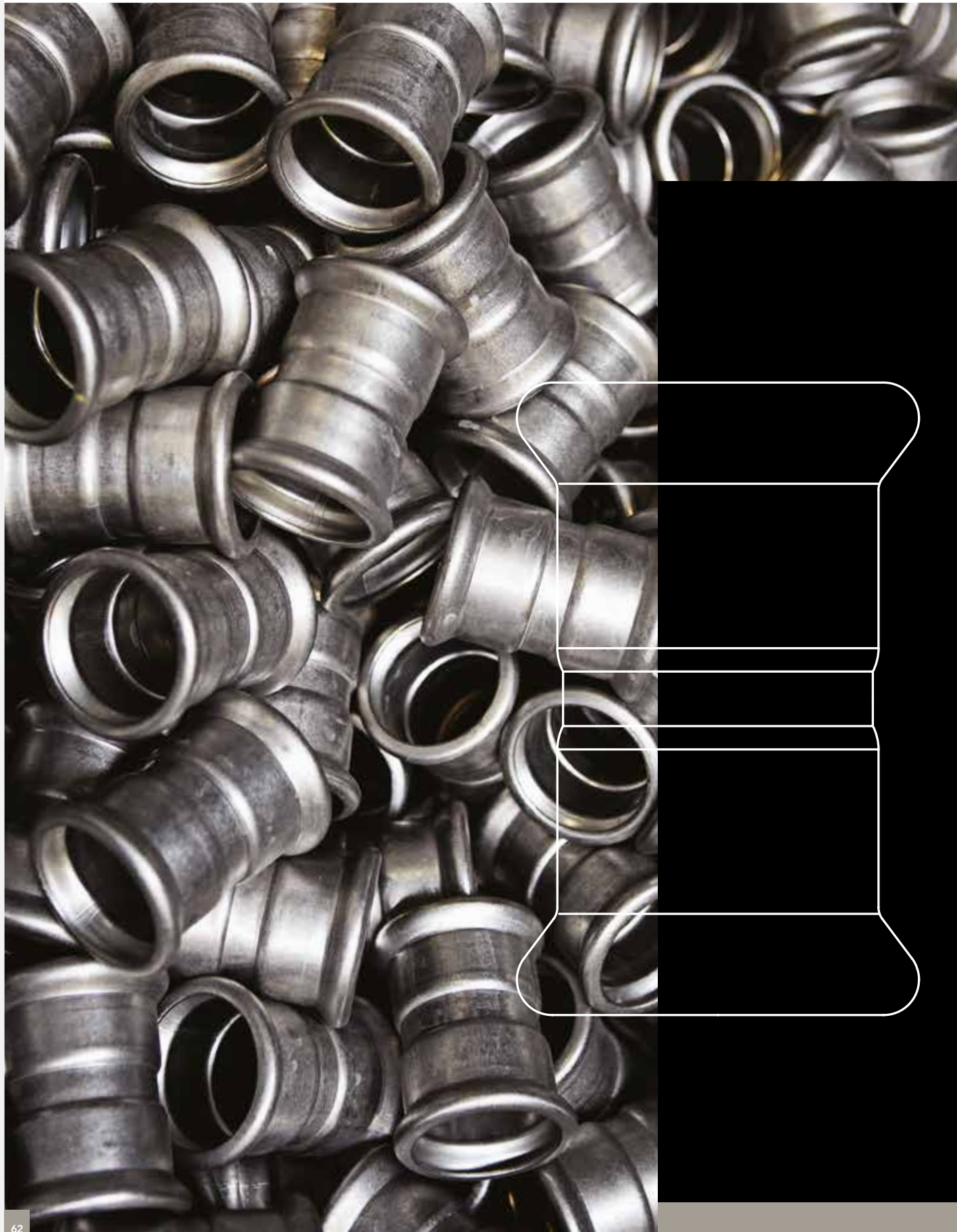
Instantor Stainless Steel Press fittings & pipe are suitable for a wide range of applications in both domestic and commercial settings due to the high level of mechanical strength and durability.

Instantor Stainless Steel Press has undergone thorough testing and evaluation resulting in certification in industry recognised approvals such as WRAS, BSI Kitemark & DVGW.

The visual appeal and sustainability of the stainless steel finish renders it a desirable choice for installations in food & pharmaceutical industries to name a few.

Water Fittings feature black EPDM O Rings, whilst Gas Fittings are identified with a yellow marking on the body of the fitting and feature yellow HNBR O Rings.





Instantor®

Stainless Steel Press

FEATURES

- **CERTIFIED** - DVGW, BSI Kitemark & WRAS Certified
- **SUPERIOR MATERIAL** - 316L Stainless Steel provides corrosion, fire, heat and impact resistance
- **QUICK TO INSTALL** - Installation complete in just 5 steps. Cut, Calibrate, Check, Mark & Press
- **SUITABILITY** - Offering a solution for water, gas, oil, solar, hydrocarbon, compressed air & saturated steam applications
- **EXTENSIVE OFFERING** - Sizing from 15mm - 54mm suitable for domestic & commercial installations
- **AESTHETIC FINISH** - Desirable decorative stainless steel finish

INSTALLATION INSTRUCTIONS



CUT



CALIBRATE



CHECK



MARK



PRESS

1. Ensure that the fitting is the correct size for the tube being used. Cut the pipe to length using a good quality pipe cutter or rotary pipe cutter. It is important that pipe ends are clean, cut square, and the pipe is not deformed. High speed grinding wheels are not suitable.

2. All burrs and sharp edges should be removed. Using a de-burring tool to both the inside and outside of the pipe, leaving an external chamfer. Wipe the pipe end clean. The pipe ends should be free from scratches or scores for a distance not less than the socket depth. **NOTE:** A poorly calibrated pipe could damage the O-ring on insertion.

3. Before inserting the pipe, check the O-ring is seated, lubricated and free from damage. (Re-moisten O-ring with water if necessary**)

4. Insert the pipe fully into the socket of the fitting until it hits the pipe stop (or until pipes meet in the middle in fittings without a pipe stop). Mark the insertion depth with black marker to ensure the pipe has been fully inserted before pressing.

5. Making sure to select the correct profile Jaw ("VI" for Imperial/Irish Instantor Copper Press), execute the press cycle. After the press tool cycle is complete remove the Press Jaws and check that the socket depth marking on the pipe has remained in place, adjacent to the mouth of the fitting.

NOTE: Fittings should be kept in original packaging to protect the O-ring and prevent drying out of lubrication.

TECHNICAL SUMMARY

Water Applications (EPDM O-ring)
Max Operating Pressure: 16 bar
Operating Temperature: -20°C to +110°C

Gas Applications (HNBR O-ring)
Max Operating Pressure: 5 bar
Operating Temperature: -20°C to +70°C

Oil, Solar, Hydrocarbon & Compressed Air Applications (FKM Green O-ring)
Max Operating Pressure: 16 bar
Operating Temperature: -20°C to +200°C

Saturated Steam Applications (FKM Red O-ring)
Max Operating Pressure: 7 bar
Operating Temperature: -10°C to +160°C
Further technical information available, see page 75.

WATER

SP410 Straight Coupler

CODE	SIZE	PACK QTY	
SP410001	15mm	20	
SP410002	22mm	20	
SP410003	28mm	20	
SP410004	35mm	10	
SP410005	42mm	4	
SP410006	54mm	4	



SP410 Straight Slip Coupler

CODE	SIZE	PACK QTY	
SP4100S1	15mm	20	
SP4100S2	22mm	20	
SP4100S3	28mm	20	
SP4100S4	35mm	10	
SP4100S5	42mm	4	
SP4100S6	54mm	4	



SP411 Male Adaptor

CODE	SIZE	PACK QTY	
SP411001	15mm x 1/2" MI	20	
SP411012	15mm x 3/4" MI	20	
SP411021	22mm x 1/2" MI	20	
SP411002	22mm x 3/4" MI	20	
SP411023	22mm x 1" MI	20	
SP411032	28mm x 3/4" MI	20	
SP411003	28mm x 1" MI	20	
SP411034	28mm x 1 1/4" MI	20	
SP411043	35mm x 1" MI	10	
SP411004	35mm x 1 1/4" MI	10	
SP411045	35mm x 1 1/2" MI	10	
SP411054	42mm x 1 1/4" MI	4	
SP411005	42mm x 1 1/2" MI	4	
SP411065	54mm x 1 1/2" MI	4	
SP411006	54mm x 2" MI	4	



Large sizes also available. Please contact our sales team for more information.

SP412 Female Adaptor

CODE	SIZE	PACK QTY	
SP412001	15mm x 1/2" FI	20	
SP412012	15mm x 3/4" FI	20	
SP412021	22mm x 1/2" FI	20	
SP412002	22mm x 3/4" FI	20	
SP412023	22mm x 1" FI	20	
SP412032	28mm x 3/4" FI	20	
SP412003	28mm x 1" FI	20	
SP412034	28mm x 1 1/4" FI	20	
SP412043	35mm x 1" FI	10	
SP412004	35mm x 1 1/4" FI	10	
SP412045	35mm x 1 1/2" FI	10	
SP412054	42mm x 1 1/4" FI	4	
SP412005	42mm x 1 1/2" FI	4	
SP412065	54mm x 1 1/2" FI	4	
SP412006	54mm x 2" FI	4	



SP415 90° F.I x F.I Elbow

CODE	SIZE	PACK QTY	
SP415001	15mm	20	
SP415002	22mm	20	
SP415003	28mm	20	
SP415004	35mm	10	
SP415005	42mm	4	
SP415006	54mm	4	



SP418 Equal Tee

CODE	SIZE	PACK QTY	
SP418001	15mm	20	
SP418002	22mm	20	
SP418003	28mm	20	
SP418004	35mm	10	
SP418005	42mm	4	
SP418006	54mm	4	



SP418 Reducing Tee

CODE	SIZE	PACK QTY	
SP418221	22mm x 22mm x 15mm	20	
SP418331	28mm x 28mm x 15mm	10	
SP418332	28mm x 28mm x 22mm	10	
SP418441	35mm x 35mm x 15mm	10	
SP418442	35mm x 35mm x 22mm	10	
SP418443	35mm x 35mm x 28mm	10	
SP418551	42mm x 42mm x 15mm	4	
SP418552	42mm x 42mm x 22mm	4	
SP418553	42mm x 42mm x 28mm	4	
SP418554	42mm x 42mm x 35mm	4	
SP418661	54mm x 54mm x 15mm	4	
SP418662	54mm x 54mm x 22mm	4	
SP418663	54mm x 54mm x 28mm	4	
SP418664	54mm x 54mm x 35mm	4	
SP418665	54mm x 54mm x 42mm	4	



Large sizes also available. Please contact our sales team for more information.

SP419 M.I x F.I Reducer

CODE	SIZE	PACK QTY	
SP419021	22mm x 15mm	20	
SP419031	28mm x 15mm	20	
SP419032	28mm x 22mm	20	
SP419041	35mm x 15mm	10	
SP419042	35mm x 22mm	10	
SP419043	35mm x 28mm	10	
SP419051	42mm x 15mm	4	
SP419052	42mm x 22mm	4	
SP419053	42mm x 28mm	4	
SP419054	42mm x 35mm	4	
SP419061	54mm x 15mm	4	
SP419062	54mm x 22mm	4	
SP419063	54mm x 28mm	4	
SP419064	54mm x 35mm	4	
SP419065	54mm x 42mm	4	



SP425 45° M.I x F.I Elbow

CODE	SIZE	PACK QTY	
SP425001	15mm	20	
SP425002	22mm	20	
SP425003	28mm	20	
SP425004	35mm	10	
SP425005	42mm	4	
SP425006	54mm	4	



SP435 90° M.I x F.I Elbow

CODE	SIZE	PACK QTY	
SP435001	15mm	20	
SP435002	22mm	20	
SP435003	28mm	20	
SP435004	35mm	10	
SP435005	42mm	4	
SP435006	54mm	4	



SP445 45° F.I x F.I Elbow

CODE	SIZE	PACK QTY	
SP445001	15mm	20	
SP445002	22mm	20	
SP445003	28mm	20	
SP445004	35mm	10	
SP445005	42mm	4	
SP445006	54mm	4	



Large sizes also available. Please contact our sales team for more information.

SP430 Tee Press x Press x F.I

CODE	SIZE	PACK QTY	
SP430001	15mm x 15mm x ½" FI	20	
SP430221	22mm x 22mm x ½" FI	20	
SP430002	22m x 22mm x ¾" FI	20	
SP430331	28mm x 28mm x ½" FI	10	
SP430332	28mm x 28mm x ¾" FI	10	
SP430003	28mm x 28mm x 1" FI	10	
SP430441	35mm x 35mm x ½" FI	10	
SP430442	35mm x 35mm x ¾" FI	10	
SP430443	35mm x 35mm x 1" FI	10	
SP430004	35mm x 35mm x 1¼" FI	10	
SP430551	42mmx 42mm x ½" FI	4	
SP430552	42mm x 42mm x ¾" FI	4	
SP430553	42mm x 42mm x 1" FI	4	
SP430005	42mm x 42mm x 1½" FI	4	
SP430661	54mm x 54mm x ½" FI	2	
SP430662	54mm x 54mm x ¾" FI	2	
SP430663	54mm x 54mm x 1" FI	2	
SP430006	54mm x 54mm x 2" FI	2	



SP440 Flanged Adaptor PN16

CODE	SIZE	PACK QTY	
SP440001	15mm	4	
SP440002	22mm	4	
SP440003	28mm	4	
SP440004	35mm	4	
SP440005	42mm	4	
SP440006	54mm	4	



SP451 Stop End

CODE	SIZE	PACK QTY	
SP451001	15mm	20	
SP451002	22mm	10	
SP451003	28mm	10	
SP451004	35mm	10	
SP451005	42mm	4	
SP451006	54mm	4	



SP400 Pre-formed Pipe Bridge

CODE	SIZE	PACK QTY	
SP400011	15mm	20	
SP400012	22mm	20	
SP400013	28mm	10	



Large sizes also available. Please contact our sales team for more information.

SP400 Pipe Bridge

CODE	SIZE	PACK QTY	
SP400014	15mm	20	
SP400015	22mm	20	
SP400016	28mm	10	



SPU11 Male Union Connector

CODE	SIZE	PACK QTY	
SPU11001	15mm x ½" MI	20	
SPU11012	15mm x ¾" MI	20	
SPU11023	22mm x 1" MI	20	
SPU11002	22mm x ¾" MI	20	
SPU11003	28mm x 1" MI	20	
SPU11034	28mm x 1¼" MI	20	
SPU11004	35mm x 1¼" MI	10	
SPU11005	42mm x 1½" MI	4	
SPU11006	54mm x 2" MI	2	



SPU12 Female Union Connector

CODE	SIZE	PACK QTY	
SPU12001	15mm x ½" FI	20	
SPU12012	15mm x ¾" FI	20	
SPU12023	22mm x 1" FI	20	
SPU12002	22mm x ¾" FI	20	
SPU12003	28mm x 1" FI	20	
SPU12034	28mm x 1¼" FI	20	
SPU12004	35mm x 1¼" FI	10	
SPU12005	42mm x 1½" FI	4	
SPU12006	54mm x 2" FI	2	



Elongation Compensator

CODE	SIZE	PACK QTY	
SP410111	15mm	1	
SP410112	22mm	1	
SP410113	28mm	1	
SP410114	35mm	1	
SP410115	42mm	1	
SP410116	54mm	1	



Large sizes also available. Please contact our sales team for more information.



GAS

GAS

SPG410 Gas Straight Coupler

CODE	SIZE	PACK QTY	
SPG410001	15mm	20	
SPG410002	22mm	20	
SPG410003	28mm	20	
SPG410004	35mm	10	
SPG410005	42mm	4	
SPG410006	54mm	4	



SPG410 Gas Straight Slip Coupler

CODE	SIZE	PACK QTY	
SPG4100S1	15mm	20	
SPG4100S2	22mm	20	
SPG4100S3	28mm	20	
SPG4100S4	35mm	10	
SPG4100S5	42mm	4	
SPG4100S6	54mm	4	



SPG411 Gas Male Adaptor

CODE	SIZE	PACK QTY	
SPG411001	15mm x 1/2" MI	20	
SPG411012	15mm x 3/4" MI	20	
SPG411021	22mm x 1/2" MI	20	
SPG411002	22mm x 3/4" MI	20	
SPG411023	22mm x 1" MI	20	
SPG411032	28mm x 3/4" MI	20	
SPG411003	28mm x 1" MI	20	
SPG411034	28mm x 1 1/4" MI	20	
SPG411043	35mm x 1" MI	10	
SPG411004	35mm x 1 1/4" MI	10	
SPG411045	35mm x 1 1/2" MI	10	
SPG411054	42mm x 1 1/4" MI	4	
SPG411005	42mm x 1 1/2" MI	4	
SPG411065	54mm x 1 1/2" MI	4	
SPG411006	54mm x 2" MI	4	



SPG412 Gas Female Adaptor

CODE	SIZE	PACK QTY	
SPG412001	15mm x 1/2" FI	20	
SPG412012	15mm x 3/4" FI	20	
SPG412021	22mm x 1/2" FI	20	
SPG412002	22mm x 3/4" FI	20	
SPG412023	22mm x 1" FI	20	
SPG412032	28mm x 3/4" FI	20	
SPG412003	28mm x 1" FI	20	
SPG412034	28mm x 1 1/4" FI	20	
SPG412043	35mm x 1" FI	10	
SPG412004	35mm x 1 1/4" FI	10	
SPG412045	35mm x 1 1/2" FI	10	
SPG412054	42mm x 1 1/4" FI	4	
SPG412005	42mm x 1 1/2" FI	4	
SPG412065	54mm x 1 1/2" FI	4	
SPG412006	54mm x 2" FI	4	



SPG415 Gas 90° F.I x F.I Elbow

CODE	SIZE	PACK QTY	
SPG415001	15mm	20	
SPG415002	22mm	20	
SPG415003	28mm	20	
SPG415004	35mm	10	
SPG415005	42mm	4	
SPG415006	54mm	2	



SPG418 Gas Equal Tee

CODE	SIZE	PACK QTY	
SPG418001	15mm	20	
SPG418002	22mm	20	
SPG418003	28mm	10	
SPG418004	35mm	10	
SPG418005	42mm	4	
SPG418006	54mm	2	



SPG418 Gas Reducing Tee

CODE	SIZE	PACK QTY	
SPG418221	22mm x 22mm x 15mm	20	
SPG418331	28mm x 28mm x 15mm	10	
SPG418332	28mm x 28mm x 22mm	10	
SPG418441	35mm x 35mm x 15mm	10	
SPG418442	35mm x 35mm x 22mm	10	
SPG418443	35mm x 35mm x 28mm	10	
SPG418551	42mm x 42mm x 15mm	4	
SPG418552	42mm x 42mm x 22mm	4	
SPG418553	42mm x 42mm x 28mm	4	
SPG418554	42mm x 42mm x 35mm	4	
SPG418661	54mm x 54mm x 15mm	2	
SPG418662	54mm x 54mm x 22mm	2	
SPG418663	54mm x 54mm x 28mm	2	
SPG418664	54mm x 54mm x 35mm	2	
SPG418665	54mm x 54mm x 42mm	2	



Large sizes also available. Please contact our sales team for more information.

Large sizes also available. Please contact our sales team for more information.

SPG417 Gas Female Angle Adaptor

CODE	SIZE	PACK QTY	
SPG417001	15mm x 1/2" FI	20	
SPG417002	22mm x 3/4" FI	10	
SPG417003	28mm x 1" FI	10	
SPG417004	35mm x 1 1/4" FI	10	



SPG419 Gas M.I x F.I Reducer

CODE	SIZE	PACK QTY	
SPG419021	22mm x 15mm	20	
SPG419031	28mm x 15mm	20	
SPG419032	28mm x 22mm	20	
SPG419041	35mm x 15mm	10	
SPG419042	35mm x 22mm	10	
SPG419043	35mm x 28mm	10	
SPG419051	42mm x 15mm	4	
SPG419052	42mm x 22mm	4	
SPG419053	42mm x 28mm	4	
SPG419054	42mm x 35mm	4	
SPG419061	54mm x 15mm	4	
SPG419062	54mm x 22mm	4	
SPG419063	54mm x 28mm	4	
SPG419064	54mm x 35mm	4	
SPG419065	54mm x 42mm	4	



SPG425 Gas 45° M.I x F.I Elbow

CODE	SIZE	PACK QTY	
SPG425001	15mm	20	
SPG425002	22mm	20	
SPG425003	28mm	10	
SPG425004	35mm	10	
SPG425005	42mm	4	
SPG425006	54mm	2	



SPG435 Gas 90° M.I x F.I Elbow

CODE	SIZE	PACK QTY	
SPG435001	15mm	20	
SPG435002	22mm	20	
SPG435003	28mm	10	
SPG435004	35mm	10	
SPG435005	42mm	4	
SPG435006	54mm	2	



SPG445 Gas 45° F.I x F.I Elbow

CODE	SIZE	PACK QTY	
SPG445001	15mm	20	
SPG445002	22mm	20	
SPG445003	28mm	10	
SPG445004	35mm	10	
SPG445005	42mm	4	
SPG445006	54mm	2	



Large sizes also available. Please contact our sales team for more information.

SPG430 Gas Tee Press x Press x F.I

CODE	SIZE	PACK QTY	
SPG430001	15mm x 15mm x 1/2" FI	20	
SPG430221	22mm x 22mm x 1/2" FI	20	
SPG430002	22mm x 22mm x 3/4" FI	20	
SPG430331	28mm x 28mm x 1/2" FI	10	
SPG430332	28mm x 28mm x 3/4" FI	10	
SPG430003	28mm x 28mm x 1" FI	10	
SPG430441	35mm x 35mm x 1/2" FI	10	
SPG430442	35mm x 35mm x 3/4" FI	10	
SPG430443	35mm x 35mm x 1" FI	10	
SPG430004	35mm x 35mm x 1 1/4" FI	10	
SPG430551	42mm x 42mm x 1/2" FI	4	
SPG430552	42mm x 42mm x 3/4" FI	4	
SPG430553	42mm x 42mm x 1" FI	4	
SPG430005	42mm x 42mm x 1 1/2" FI	4	
SPG430661	54mm x 54mm x 1/2" FI	2	
SPG430662	54mm x 54mm x 3/4" FI	2	
SPG430663	54mm x 54mm x 1" FI	2	
SPG430006	54mm x 54mm x 2" FI	2	



SPG440 Gas Flanged Adaptor PN16

CODE	SIZE	PACK QTY	
SPG440001	15mm	4	
SPG440002	22mm	4	
SPG440003	28mm	4	
SPG440004	35mm	4	
SPG440005	42mm	4	
SPG440006	54mm	4	



SPG451 Gas Stop End

CODE	SIZE	PACK QTY	
SPG451001	15mm	20	
SPG451002	22mm	10	
SPG451003	28mm	10	
SPG451004	35mm	10	
SPG451005	42mm	4	
SPG451006	54mm	4	



Valve Connector With Swivel

CODE	SIZE	PACK QTY	
SPGS12001	15mm x 1/2" FI	20	
SPGS12002	22mm x 3/4" FI	20	
SPGS12003	28mm x 1" FI	10	
SPGS12004	35mm x 1 1/4" FI	10	
SPGS12005	42mm x 1 1/2" FI	4	
SPGS12006	54mm x 2" FI	4	



Large sizes also available. Please contact our sales team for more information.

PIPE

Instantor Stainless Steel Pipe - 5M Length

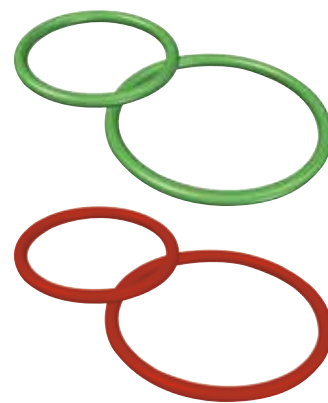
CODE	SIZE	BUNDLE QTY	
ISSP111	15mm x 0.6mm	80	
ISSP112	22mm x 0.7mm	61	
ISSP113	28mm x 0.8mm	44	
ISSP114	35mm x 1.0mm	44	
ISSP115	42mm x 1.2mm	44	
ISSP116	54mm x 1.2mm	37	



O-RINGS

FKM O-Rings

CODE	SIZE	BUNDLE QTY	
SP000001	15mm (Red)	10	
SP000002	22mm (Red)	10	
SP000003	28mm (Red)	10	
SP000004	35mm (Red)	10	
SP000005	42mm (Red)	10	
SP000006	54mm (Red)	10	
SP000007	15mm (Green)	10	
SP000008	22mm (Green)	10	
SP000009	28mm (Green)	10	
SP000010	35mm (Green)	10	
SP000011	42mm (Green)	10	
SP000012	54mm (Green)	10	



FKM O-ring (Green) Fluoroelastomer Rubber

- Applications: Oils, hydrocarbons, solar, fuels, technical liquids, and compressed air (oil purity class 0-X).
- Temperature Range: -20°C to +200°C dry app (hot air) or wet app (oils or primary solar energy circuits)
- Max Pressure: 16 Bar

FKM O-ring (Red) Fluoroelastomer Rubber

- Applications: Saturated steam and solar installations.
- Temperature Range: -10°C to +160°C (constant) Short peak exposure +170/180°C.
- Max Pressure: 7 Bar

Large sizes also available. Please contact our sales team for more information.



Instantor®
Stainless Steel Press

CERTIFICATION:



Instantor Stainless Steel Press Fittings & Pipe
WRAS Approval Number: 2011112



Instantor Stainless Steel Gas Press Fittings
BSI Kitemark Certificate Number: KM779147



Instantor Stainless Steel Gas Press Fittings
DVGW Certificate Number: DW-8511BU0128
Instantor Stainless Steel Pipe
DVGW Certificate Number: DW-7301BS0260

TECHNICAL INFORMATION

PRESSING PROFILE:

M Profile - Sizes: 15mm, 22mm, 28mm, 35mm, 42mm & 54mm

APPLICATION:

Black EPDM O-rings Ethylene rubber: - 20°C to +100°C

Suitable for use in the following applications:

- Hot & cold potable water systems
- Fire protection services
- Water based heating systems
- Compressed air (oil free)

Yellow HNBR O-rings Nitrile rubber: -20°C to +70°C

Suitable for use in the following applications:

- GAS MOP1 & MOP5, GT1

SYSTEM TESTING:

The finished pipes undergo leak-tightness testing before being covered or painted. Water is used for testing in drinking water and heating installations. The results of the leak-tightness testing should be appropriately documented. If it is anticipated that the pipe installation will not be operational for an extended period after the leak-tightness test, and to protect the installation against potential corrosive processes (with a high probability of puncture corrosion), we recommend conducting the leak-tightness test using air instead of water (please verify whether corresponding authorization is required for conducting the air test).

Drinking Water Installations

The leak-tightness test for the installed pipes is conducted in accordance with current regulations. The pipes should be filled with filtered water to eliminate any air. This leak-tightness test is employed for both the preliminary and main test; the preliminary test may suffice for smaller parts of the installation, such as connection and distribution piping in wet areas.

Preliminary test: Apply a test pressure equivalent to the acceptable overpressure plus 5 bar. Repeat this test pressure twice for ten minutes, within a total interval of 30 minutes. After an additional 30 minutes, the test pressure should not have decreased by more than 0.6 bar (0.1 bar per 5 minutes).

Main test: Immediately following the preliminary test. The test lasts 120 minutes. After this 120-minute period, the pressure reading from the end of the preliminary test should not have fallen by more than 0.2 bar. There should be no visible signs of leakage in any part of the installation checked.

Air tightness test: If deemed appropriate, should be conducted with the corresponding authorization.

Heating Installations

The leak-tightness test for the pipes is conducted using water. In water-based heating systems, the test pressure is set at 1.3 times higher than the overall pressure at each point in the installation, with a minimum pressure increase of 1 bar. If possible, immediately after the leak-tightness test using cold water, the installation should be checked to verify its leak-tightness at its maximum temperature. This is accomplished by heating the water to the maximum temperature on which the calculation is based. The pipes are then flushed with drinking water before being put into operation.

GUARANTEE:

Instantor Stainless Steel Press Fittings and Pipes come with a 10-year warranty, covering defects in manufacture attributable to our areas of responsibility. The warranty is applicable when the joint is created using Instantor Stainless Steel Press fittings and pipes, and the joint is press-fitted under a pressure of not less than 19kN for pipe diameters of 15-28mm and 32kN for pipe diameters of 28-54mm, using an Instantor Press M-profile jaw. For diameters greater than 54mm, please consult our technical department. This warranty is not valid if the installation was performed by non-professionals or if the assembly instructions in our manual were not followed. Civil responsibility is limited to a period of ten years after the installation. In the event of damage, it must be communicated to us in writing within five days of the accident. Defective Instantor Stainless Steel Press Fittings and Pipes must be retained and made available to our technicians for the necessary checks in each case.



Instantor[®]

Tools

**INSTANTOR
TOOLS**



The Instantor Press Tool has been developed for the professional installer and is user-friendly, durable and exceptionally reliable.

Stand out features include a lightweight design that makes the tool easy to hold and use, a rotating head for improved installation flexibility and an LED light to enhance visibility in poorly lit areas.

There are two tools in the range, the first of which will suit fittings up to and including 32mm or 1" and the second can be used with fittings up to 63mm.

We also offer a range of jaws to suit different profile fittings, TH for Instantor Press Fittings, VI for Instantor Imperial Copper Press Fittings and M for Instantor Metric Copper Press Fittings & Instantor Stainless Steel Press Fittings.

Warranty extended to 3 years if the device is registered at instantor.ie

For further information on warranty and calibration please visit instantor.ie

35% FASTER INSTALLATIONS



VI PROFILE

Mini Press Tool 18V - VI Kit

CODE	CONTENTS
IT2020VIK	18V Mini Press Tool ½", ¾" & 1" VI Jaws 2 x 4.0Ah Batteries Storage Case Output - 19kN

VI Jaws



CODE	CONTENTS
IT20019	½" VI
IT20020	¾" VI
IT20021	1" VI

VI Jaws - Angled

CODE	CONTENTS
IT20065	Adaptor
IT20060	½" VI - Angled
IT20061	¾" VI - Angled
IT20062	1" VI - Angled

VI Jaw Case

CODE	CONTENTS
IT20050VIK	½", ¾" & 1" VI Jaws & Case
IT20050	Case Only



M PROFILE

Mini Press Tool 18V - M Kit

CODE	CONTENTS
IT2020MK	18V Mini Press Tool 15, 22 & 28mm M Jaws 2 x 4.0Ah Batteries Storage Case Output - 19kN

Large Press Tool 18V - M Kit

CODE	CONTENTS
IT2040MK	18V Mini Press Tool 35, 42 & 54mm M Jaws Adaptor Tongs (Required for 42 & 54mm Jaws) 2 x 4.0Ah Batteries Storage Case Output - 32kN

M Jaws

CODE	CONTENTS
IT20030	15mm M
IT20031	22mm M
IT20032	28mm M
IT20033	35mm M
IT20034*	42mm M Jaw Ring
IT20035*	54mm M Jaw Ring
IT20029	Adaptor Tong for 42 & 54mm

*Requires Adaptor Tong IT20029

M Jaws - Angled

CODE	CONTENTS
IT20065	Adaptor
IT20063	15mm M - Angled
IT20064	22mm M - Angled

M Jaw Case

CODE	CONTENTS
IT20050MK	15, 22 & 28mm Jaws & Case
IT20050	Case Only



TH PROFILE

Mini Press Tool 18V - TH Kit

CODE	CONTENTS
IT2020THK	18V Mini Press Tool
	16, 20, 26 & 32mm TH Jaws
	2 x 4.0Ah Batteries
	Storage Case
	Output - 19kN

Large Press Tool 18V - TH Kit

CODE	CONTENTS
IT2040THK	18V Mini Press Tool
	40, 50 & 63mm M Jaws
	Adaptor Tongs <i>(Required for 50 & 63mm Jaws)</i>
	2 x 4.0Ah Batteries
	Storage Case
	Output - 32kN

TH Jaws

CODE	SIZE
IT20022	16mm TH
IT20023	20mm TH
IT20024	26mm TH
IT20025	32mm TH
IT20026	40mm TH
IT20027*	50mm TH Jaw Ring
IT20028*	63mm TH Jaw Ring
IT20029	Adaptor Tong for 50 & 63mm

*Requires Adaptor Tong IT20029

TH Jaw Case

CODE	CONTENTS
IT20050THK	16, 20, 26 & 32mm Jaws & Case
IT20050	Case Only



ACCESSORIES

4.0Ah Battery

CODE	DESCRIPTION
IT20042	Spare 4.0Ah Battery



Drill Pipe Reamers

CODE	SIZE
IP20050	Full Kit incl. 16, 20, 26 & 32 mm + Manual T-Handle
IP20051	16mm Drill Reamer
IP20052	20mm Drill Reamer
IP20053	26mm Drill Reamer
IP20054	32mm Drill Reamer
IP20066	40mm Drill Reamer
IP20067	50mm Drill Reamer
IP20059	Manual T-Handle



Manual Pipe Reamer

CODE	SIZE	BOX QTY
IP20010	16mm – 26mm	40
IP20011	20mm – 32mm	30



Pipe Cutter

CODE	SIZE
IP20016	Up to 32mm
IP20009	Up to 63mm



Tube Cutter

CODE	SIZE
900115	15mm / 1/2"
900122	22mm
900121	3/4"
900117	28mm
900123	1"



PAKTERMO

by  Instantor®

CORRUGATED STAINLESS STEEL TUBE & FITTINGS

10
YEAR
WARRANTY

Paktermo by Instantor is the solution when you want to save on time, carry less tools and avoid installation errors.

Featuring a range of corrugated stainless-steel tube and fittings, which when combined create a faster install solution for gas systems. The system is suitable for all gas installations, both indoors and outdoors. All components of the system must consist of PAKTERMO branded products.

Installation is up to 70% faster when compared to conventional plumbing methods. By removing the need for a variety of tools, it provides a safer, more convenient installation process.



PAKTERMO

by  Instantor®

INSTALLATION INSTRUCTIONS



1. Trim the tubing to the desired length using a tube cutters positioned between two corrugations. Gradually increase roller pressure after each turn. If the tube end isn't smooth and contains burrs, trim it again.



2. Place the sleeve remover tool around the tube, ensuring it's approximately 80mm from the cut end. Rotate it at least three times to slice through the outer layer while preserving the inner covering intact.



3. To remove the outer sleeve, firmly hold one end with one hand, and twist and pull it off the pipe with your other hand.



4. Use a utility knife or a sleeve remover tool to cut the inner cover from the tubing end. Cut at the 6th corrugation for DN15, DN20, DN25, and DN32, and at the 5th corrugation for DN40 and DN50. Pay close attention to the number of corrugations.



5. Insert the tube into the fittings securely until the metal part of the tube is no longer visible.



6. Remove the yellow rings between the nut and fitting.



7. Hand-tighten the nut after inserting the tube into the fittings. Then, use a wrench to further tighten the nut. Ensure that the tubing remains fixed while tightening the nut. Tighten the nuts until they are securely in place ensuring not to over tighten.



8. Trim the heat shrink tube to match the length needed to cover the fittings and pipe connection area. Once the end connection is assembled, slide the heat shrink tube onto it.

NB: Minimum length of 300mm heat shrink required to ensure full protection of fitting & tube.



9. Apply a hot air gun to shrink the tube over the pipe and fittings.



10. Trim and tidy up the heat shrink parts that extend toward the teeth of the fittings using a utility knife.

PAKTERMO

Fittings

Straight Coupler

CODE	SIZE
P26.F2.01	DN15
P26.F2.02	DN20
P26.F2.03	DN25
P26.F2.04	DN32
P26.F2.05	DN40
P26.F2.06	DN50



Male Connector

CODE	SIZE
P26.F1.01	DN15 x R ½"
P26.F1.06	DN20 x R ½"
P26.F1.02	DN20 x R ¾"
P26.F1.03	DN25 x R ¾"
P26.F1.04	DN25 x R 1"
P26.F1.07	DN32 x R 1"
P26.F1.05	DN32 x R 1¼"
P26.F1.21	DN40 x R 1½"
P26.F1.24	DN50 x R 2"



Female Connector

CODE	SIZE
P26.FM.01	DN15 x ½" F
P26.FM.07	DN20 x ½" F
P26.FM.02	DN20 x ¾" F
P26.FM.08	DN25 x ½" F
P26.FM.03	DN25 x ¾" F
P26.FM.04	DN25 x 1" F
P26.FM.09	DN32 x ¾" F
P26.FM.06	DN32 x 1" F
P26.FM.05	DN32 x 1¼" F



Copper Compression Straight

CODE	SIZE
P26.F25.01	DN 15 x 15mm
P26.F25.02	DN 20 x 15mm
P26.F25.03	DN 20 x 22mm
P26.F25.04	DN 25 x 22mm
P26.F25.05	DN 25 x 28mm
P26.F25.06	DN 32 x 28mm
P26.F25.07	DN 32 x 35mm
P26.F25.08	DN 32 x 22mm



Tee

CODE	SIZE
P26.F3.01	DN 20 x 15 x 20mm
P26.F3.02	DN 20 x 20 x 20mm
P26.F3.03	DN 25 x 15 x 20mm
P26.F3.04	DN 25 x 25 x 25mm
P26.F3.05	DN 32 x 25 x 25mm
P26.F3.06	DN 25 x 20 x 25mm
P26.F3.07	DN 15 x 15 x 15mm
P26.F3.08	DN 20 x 15 x 15mm
P26.F3.10	DN 25 x 20 x 15mm
P26.F3.12	DN 25 x 20 x 20mm
P26.F3.13	DN 20 x 25 x 20mm
P26.F3.14	DN 25 x 25 x 20mm



Tube

CODE	SIZE
P26.D1.30	DN15 - 30M Coil
P26.D1.75	DN15 - 75M Coil
P26.D2.30	DN20 - 30M Coil
P26.D2.75	DN20 - 75M Coil
P26.D3.30	DN25 - 30M Coil
P26.D3.75	DN25 - 75M Coil
P26.D4.30	DN32 - 30M Coil
P26.D4.75	DN32 - 75M Coil
P26.D5.30	DN40 - 30M Coil
P26.D5.75	DN40 - 75M Coil
P26.D6.30	DN50 - 30M Coil
P26.D6.75	DN50 - 75M Coil



Packs

CODE	CONTENTS
Y68ST15D05	Duo Hose DN15x5M, 2 x Male Connection DN15 x R 1/2", 2 x 30cm DN15 Heat Shrink
Y68ST15D10	Duo Hose DN15x10M, 2 x Male Connection DN15 X R 1/2", 2 x 30cm DN15 Heat Shrink
Y68ST15D15	Duo Hose DN15x15M, 2 x Male Connection DN15 X R 1/2", 2 x 30cm DN15 Heat Shrink
Y68ST20D05	Duo Hose DN20x5M, 2 x Male Connection DN20 X R 3/4", 2 x 30cm DN20 Heat Shrink
Y68ST20D10	Duo Hose DN20x10M, 2 x Male Connection DN20 X R 3/4", 2 x 30cm DN20 Heat Shrink
Y68ST20D15	Duo Hose DN20x15M, 2 x Male Connection DN20 X R 3/4", 2 x 30cm DN20 Heat Shrink

Heat Shrink

CODE	SIZE
PLC.01	Ø40 DN15 - 3M Length
PLC.02	Ø50 DN20-25 - 3M Lengths
PLC.03	Ø70 DN32 - 3M Lengths
PLC.04	Ø80 DN40 - 3M Lengths

Tools

CODE	SIZE
PSA01	Sleeve Removal Tool DN15-DN25
PKA01	Pipe Cutter DN15-DN50

TUCSON[®]

Pumps

TUCSON PUMPS

1 YEAR
WARRANTY

3 YEAR
WARRANTY

Tucson Pumps have engineered premium pumping solutions since 2005, earning the trust of countless professionals in the industry due to the products ease of application, high performance, and reassuring warranty terms.

They offer an extensive range of pumping products such as Shower Pumps, Cold-Water Booster Systems, Submersible Pumps, Central Heating Circulation Pumps and more.

With an engineering team dedicated to design and innovation, Tucson Pump products consistently exceed industry standards, ensuring reliability, efficiency, and longevity.



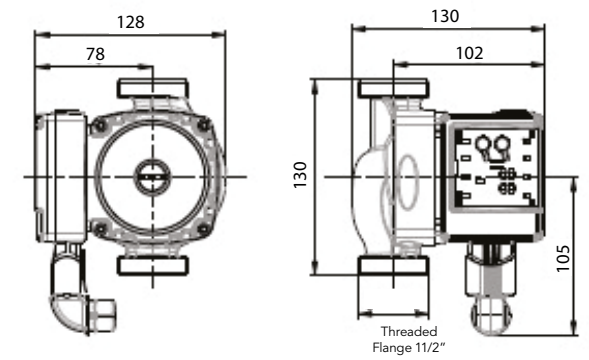
Tucson

Cast Iron Volute Circulation Pumps



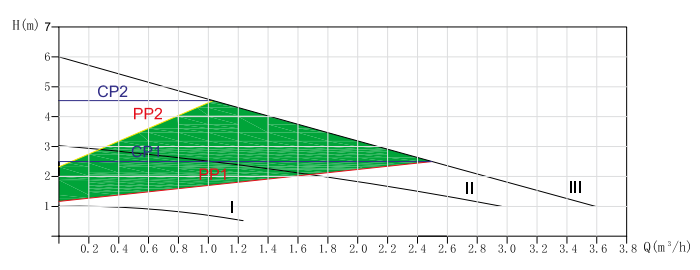
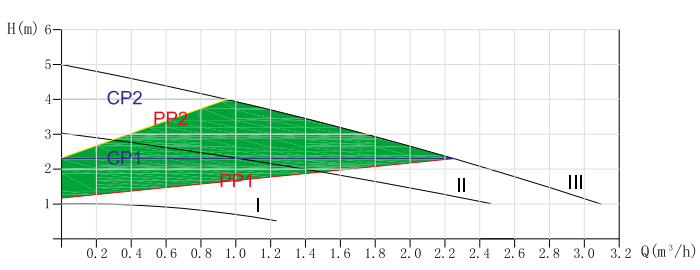
CODE	PRODUCT	PALLET QTY
771903	5 Metre Head	256
771904	6 Metre Head	256

5 Metre & 6 Metre Pump Dimensions



Dimensions in mm

5 Metre & 6 Metre Pump Performance Data



General notes - ErP (ecological design) directive
The benchmark for the most efficient circulators is $EEL \leq 0.20$ Part 2

Tucson

Stainless Steel Volute Circulation Pumps



130mm



Features

- Volute dimension available in 130mm & 180mm
- User-friendly control panel
- Suitable for domestic and light commercial applications
- Robust construction
- Made from corrosion resistant 304 Grade Stainless Steel
- Compact size
- Easy installation
- 3 years manufacturers warranty

Technical Data

- EEL (Energy Efficiency Index) ≤ 0.23 Part 2
- Voltage: Single Phase, 230 volts $\pm 10\%$
- Frequency: 50 Hz
- Speed: 1 to 3 + Auto
- Insulation Class: F
- Operating Environment Temperature: 5°C to 40°C
- Minimum and Maximum Fluid Temperatures: 5°C to 95°C
- Max Working Pressure: 10 Bar
- Min Working Pressure: 0.05 Bar @ 50°C
- Ingress Protection Rating: IP44
- Flange Threaded Connection Dimension: 1 1/2" BSP/G 1 1/2
- Volute / Manifold Material: 304 grade Stainless Steel
- Volute Coating Material: Electrophoresis.
- Pump Weight:: 2.35kg

Accessories Included

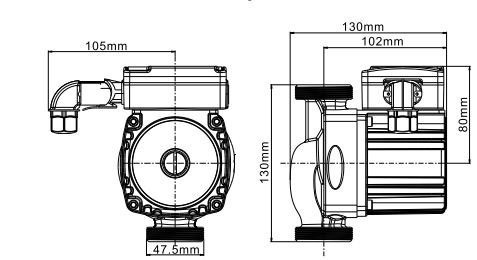
- Terminal Plug and Rubber Gaskets



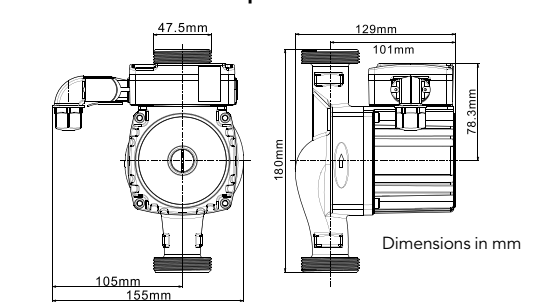
180mm

CODE	PRODUCT	PALLET QTY
771912	6 Metre Head 130mm	144
771913	6 Metre Head 180mm	144

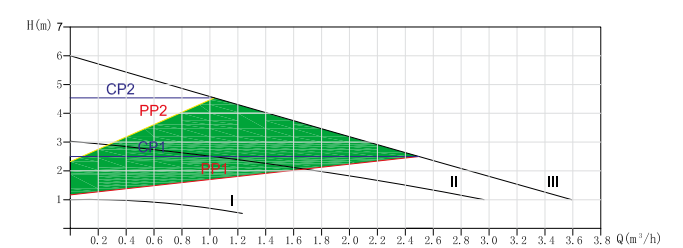
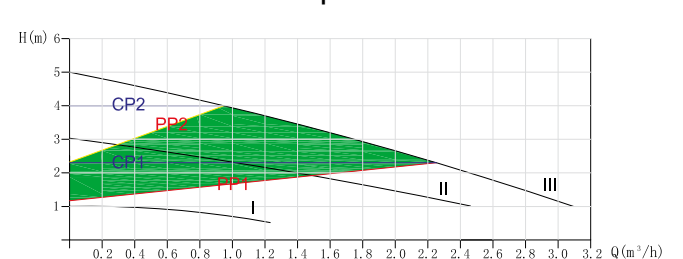
6 Metre 130mm Pump Dimensions



6 Metre 180mm Pump Dimensions



6 Metre Stainless Steel Pump Performance Data



General notes - ErP (ecological design) directive
The benchmark for the most efficient circulators is $EEL \leq 0.20$ Part 2



8M Circulation Pump

Tucson Cast Iron Volute Circulation Pumps

ErP
COMPLIANT

Features

- User-friendly control panel
- Suitable for domestic & light commercial applications
- Robust construction
- Compact size
- Easy installation
- 3 years manufacturers warranty

Technical Data

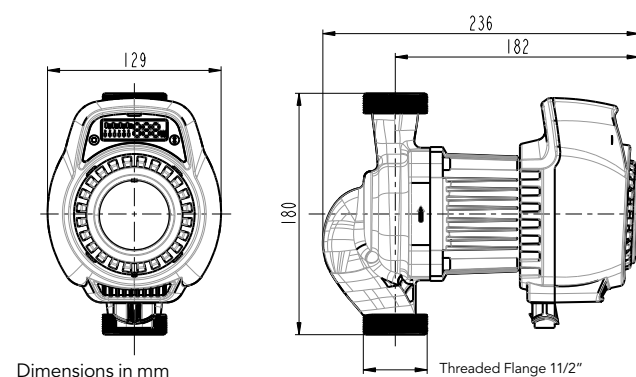
- EEI (Energy Efficiency Index) ≤ 0.23 Part 2
- Voltage: Single Phase, 230 volts $\pm 10\%$
- Frequency: 50 Hz
- Pump Control Settings: Constant Pressure 1-5, Proportional Pressure 1-5, Eco / Auto Setting
- Speed: 1 to 6 + Auto
- Insulation Class: F
- Operating Environment Temperature: 5°C to 40°C
- Minimum and Maximum Fluid Temperatures: 5°C to 95°C
- Max Working Pressure: 10 Bar
- Min Working Pressure: 0.05 Bar @ 50°C
- Ingress Protection Rating: IP44
- Flange Threaded Connection Dimension: 1 1/2" BSP/G 1 1/2"
- Volute / Manifold Material: Cast Iron
- Volute Coating Material: Electrophoresis
- Pump Weight: 3.6kg

Accessories Included

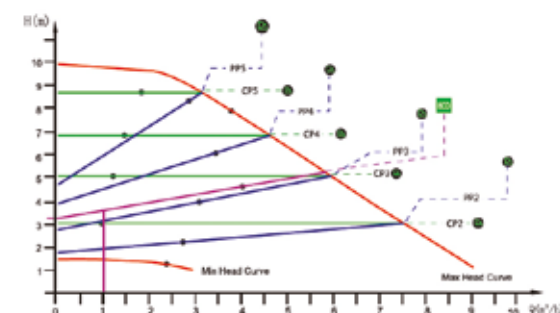
- Terminal Plug and Rubber Gaskets

CODE	PRODUCT	PALLET QTY
771902	8 Metre Head	144

8 Metre Pump Dimensions



8 Metre Pump Performance Data



General notes - ErP (ecological design) directive
The benchmark for the most efficient circulators is $EEI \leq 0.20$ Part 2

Tucson Bronze Volute Circulation Pump

ErP
COMPLIANT

Features

- Suitable for Secondary-Return applications
- Robust construction
- Compact design dimensions
- Reduced weight design
- Easy installation
- 3 years manufacturers warranty
- Plug & play cabling
- TF value of 110°C

Technical Data

- EEI (Energy Efficiency Index) ≤ 0.23 Part 2
- Voltage: Single Phase, 230 volts
- Frequency: 50 Hz
- Insulation: Class F
- Pump control settings: Constant Speed 1-6, Constant Pressure 1-6, Proportional Pressure 1-6, Eco / Auto Setting
- Operating Environment Temperature: 0°C to 40°C
- Minimum and Maximum Fluid Temperatures: 2°C to 110°C
- Max Working Pressure: 10 Bar
- Min Working Pressure: 0.05 Bar @ 75°C
- Ingress Protection Rating: IP44
- Motor Housing material YL102
- Flange Threaded Connection Dimension: 1 1/2" BSP/G 1 1/2"
- Volute / Manifold Material: Bronze
- Pump Weight: 1.79kg

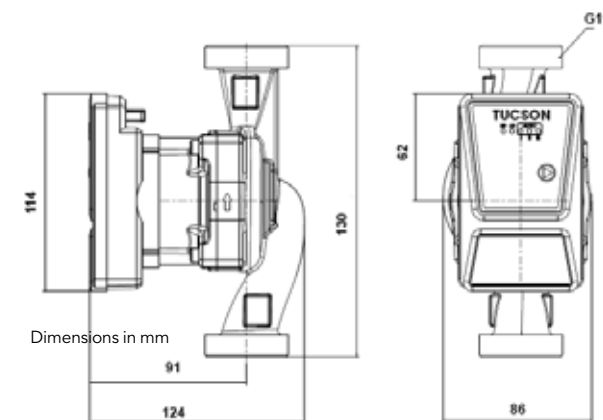
Accessories Included

- AC power cable (stripped end) x1
- Rubber Gaskets

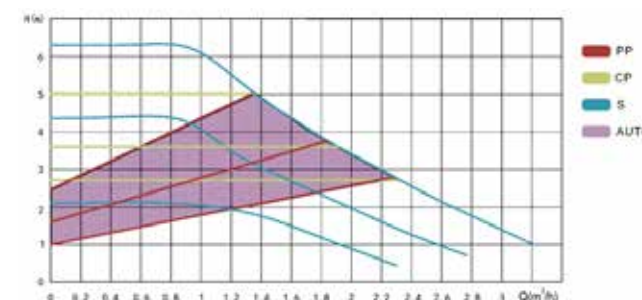


CODE	PRODUCT	PALLET QTY
771917	6 Metre Head	256

6 Metre Bronze Body Pump Dimensions



6 Metre Pump Performance Data



General notes - ErP (ecological design) directive
The benchmark for the most efficient circulators is $EEI \leq 0.20$ Part 2

Tucson

GBPHR Universal Pump Head Replacement with PWM Control

ErP
COMPLIANT

Features

- High performance modulating pump
- Optional pulse width modulation (PWM)
- Simple & easy retro-fit in most applications
- Easy set up to maximise boiler efficiency
- 1 year manufacturers warranty
- ErP Compliant

Technical Data

- EEI (Energy Efficiency Index) ≤ 0.23 Part 3
- Pump Head Pressure Range from 4-8M
- Pump Control Settings: Constant Speed 1-6, Constant Pressure 1-6, Proportional Pressure 1-6, & Eco / Auto Setting
- Flow Rate Range up to 31.6L/min
- Pumped Liquid Temperature Range: $+2^{\circ}\text{C} - 110^{\circ}\text{C}$
- Operating Environment Temperature: $0^{\circ}\text{C} - 40^{\circ}\text{C}$
- Relative Ambient Humidity: 95%
- Voltage / Frequency: 230V, 50/60Hz
- Maximum System Pressure: 10 bar
- Ingress Protection Rating: IP44
- Decibel Rating: 43 dB
- Insulation Class: F
- Pump Weight: 1.1Kg

Product Includes:

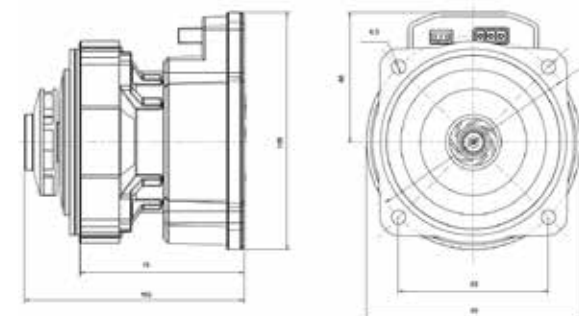
- Tucson GBPHR/8/ Pump x1
- Replacement Flange O Rings x2
- Volute assembly Studs x4
- AC power cable (stripped end) x1
- IP Rated terminal block x1
- Quick-fit AC power cable adaptor x1
- PWM cable connectors (Wilco™ & Grundfos® compatible)

CODE	PRODUCT	PALLET QTY
771928	GBPHR/8/CW	512
771929	GBPHR/8/CCW	512
771948	PWM Adaptor Wilco™ Compatible	
771949	PWM Adaptor Grundfos® Compatible	

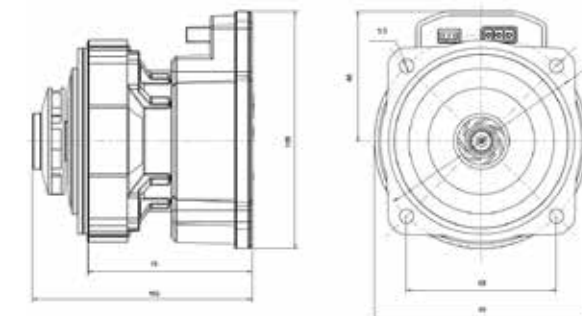
GBPHR Kit Accessories:



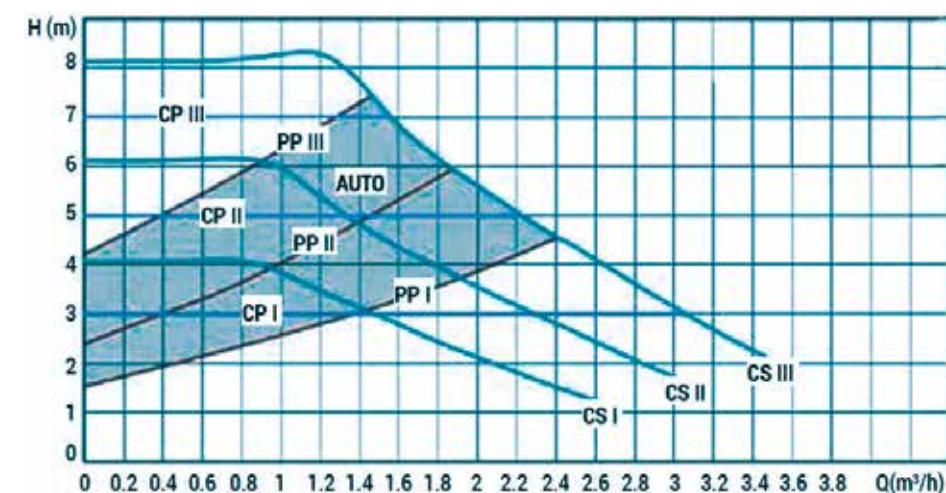
GBPHR/8/CW Pump Dimensions



GBPHR/8/CCW Pump Dimensions



GBPHR Performance Data



General notes - ErP (ecological design) directive

The benchmark for the most efficient circulators is $\text{EEI} \leq 0.20$ Part 2

VolMax

Flanged Commercial Circulation Pumps

ErP
COMPLIANT



Features

- User-friendly control panel
- Suitable for commercial applications
- Robust construction
- Permanent magnet motor
- Control memory auto function
- Constant voltage auto function
- Rotor-lock protection feature
- Overheating protection feature
- Open circuit protection feature
- 3 years manufacturers warranty

Technical Data

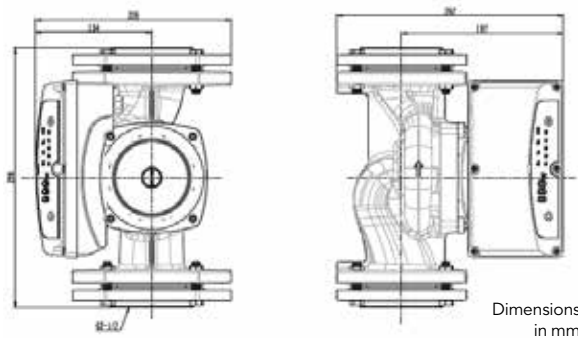
- EEI (Energy Efficiency Index) ≤ 0.23 Part 2
- Voltage: Single Phase, 220-240 volts
- Wattage: 500W (10m pumps) & 600W (12m pumps)
- Frequency: 50 Hz
- 10M & 12M Speed: 1 to 3 + Auto
- Pump Control Settings: Constant Speed 1-6, Constant Pressure 1-5, Proportional Pressure 1-5, Eco / Auto Setting
- Insulation Class: F
- Operating Environment Temperature: 5°C to 40°C
- Minimum and Maximum Fluid Temperatures: 5°C to 95°C
- Max Working Pressure: 10 bar
- Ingress Protection Rating: IP44
- DN40 Flange G1½" Threaded Connection
- DN50 Flange G2" Threaded Connection
- Volute / Manifold Material: Cast Iron
- Volute Coating Material: Electrophoresis
- Flange Bolts manufactured using 304 grade stainless steel material
- Pump Weight 9.52kg

CODE	PRODUCT	PALLET QTY
772101	10 Metre Head DN40 1½" Flange Port to port L 250mm	30
772102	10 Metre Head DN50 2" Flange Port to port L 250mm	30
772104	12 Metre Head DN40 1½" Flange Port to port L 250mm	30
772105	12 Metre Head DN50 2" Flange	30
772108	VolMax DN50 Flange	-

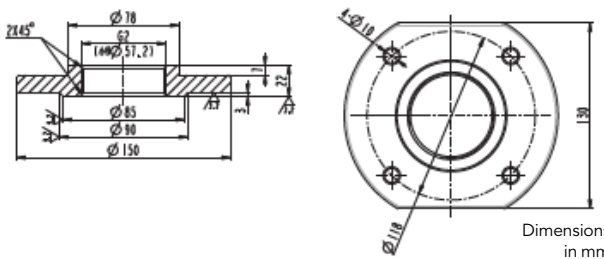
Accessories Included

- Cast iron connection flanges x2
- 304 stainless steel flange bolts x8
- Rubber flange gaskets x2

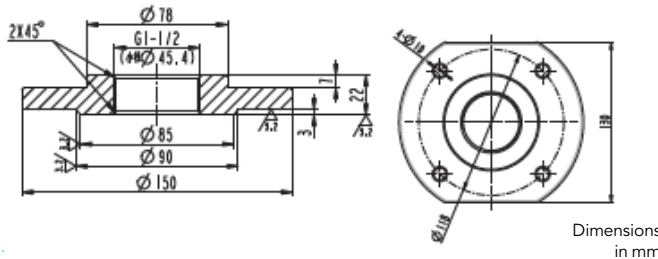
10 & 12 Metre Head Pump Dimensions



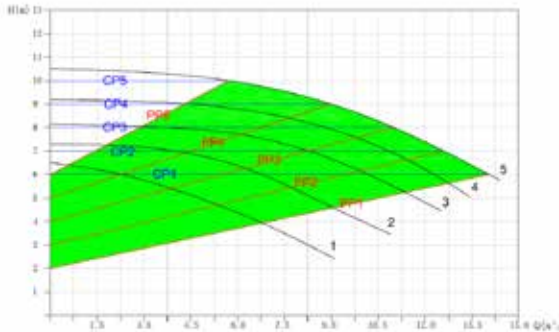
DN40 Flange Dimensions



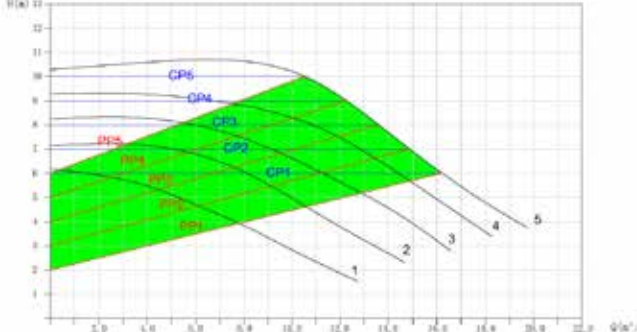
DN50 Flange Dimensions



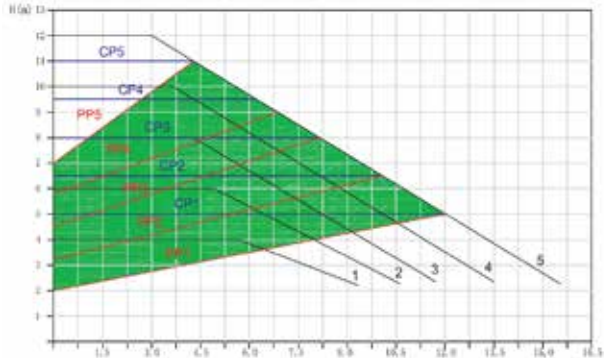
10M DN40 Performance Data



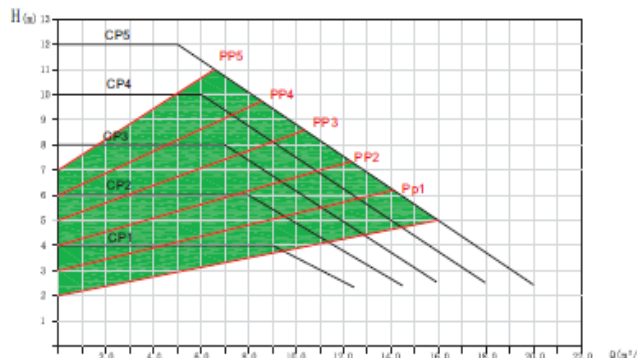
10M DN50 Performance Data



12M DN40 Performance Data



12M DN50 Performance Data



General notes - ErP (ecological design) directive
The benchmark for the most efficient circulators is EEI ≤ 0.20 Part 2

MetaBoost

Modulating Booster Pump

Model - MBP35



Features

- Produces a maximum pressure of 3.5 Bar
- Maximum unrestricted flow rate of up to 58 litres per minute
- Demand responsive pumping unit designed for domestic and light commercial pumping applications
- The MBP35 pumping chamber and connection points are manufactured with 304 Stainless Steel material
- Powerful 400-Watt variable speed motor
- Automatic pressure controlling interface setting
- 3 years manufacturer's warranty
- Locked-rotor protection function
- Over-voltage protection function
- High-temperature warning
- Dry run protection
- Water leakage protection

Technical Data

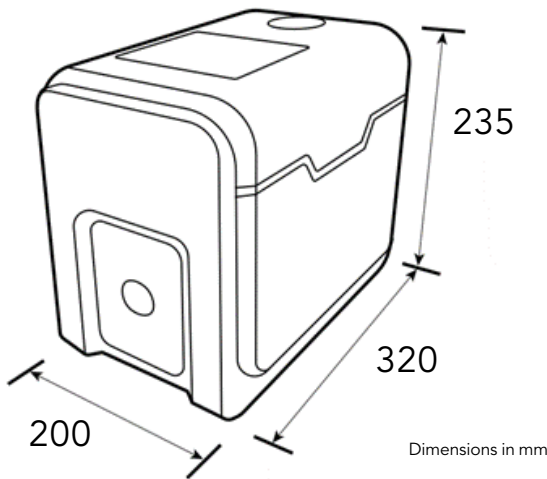
- Inlet and Outlet Connections: 1" BSP
- Rated Flow: 2.3 m³/h 38 l/min
- Rated Head: 25m
- Max Head: 35m
- Rated Power: 400W

Operational Conditions

- The temperature of the liquid should not exceed 45°C
- The pH of the liquid should be no less than 6.5 and no greater than 8
- The pumped liquid should not contain chemical deposits, dirt, harmful or corrosive material, flammable or explosive gases.
- The power frequency is 50Hz, the voltage is 230V and the maximum voltage fluctuation should not exceed 10% of the rated value

CODE	PRODUCT	PALLET QTY
771906	MBP35	40

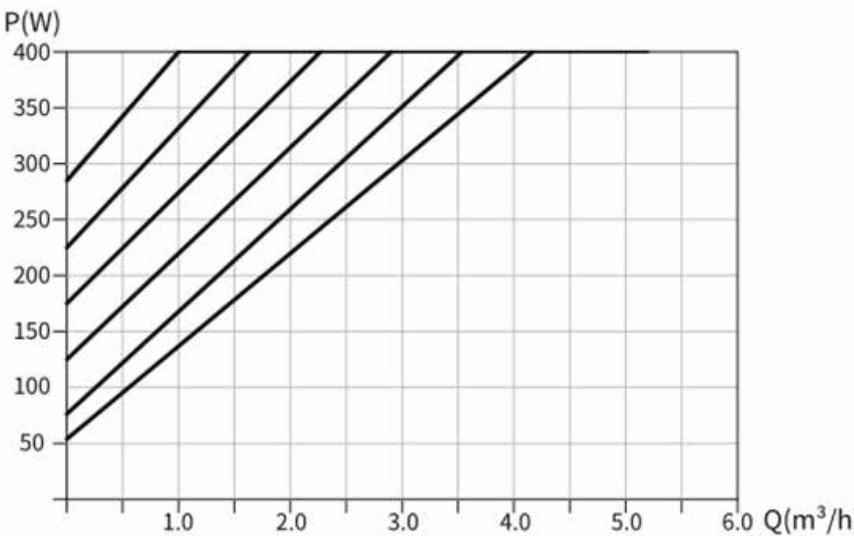
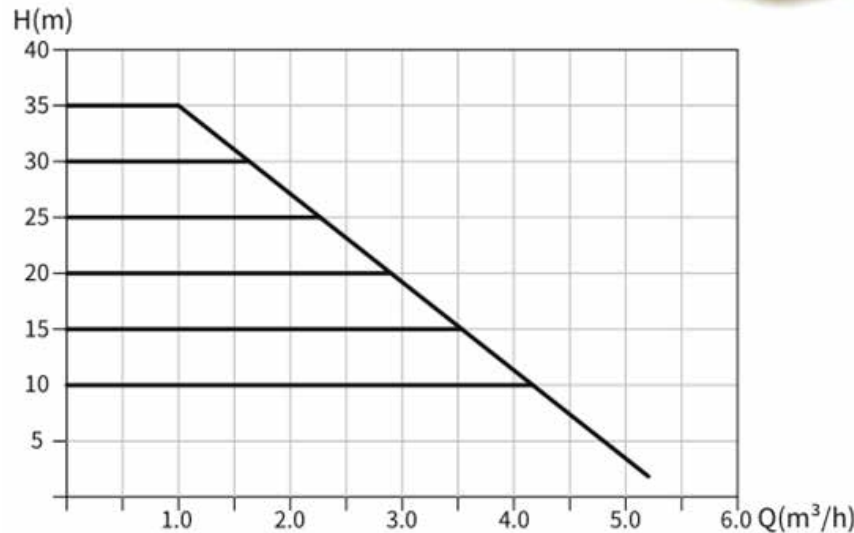
MBP35 Pump Dimensions



Accessories Included

- 1" 304 stainless steel mesh filter
- 1" FI x MI brass adaptor bushing
- Spare o-ring seal set

MBP35 Performance Data



MetaBoost

Modulating Booster Pump

Model - MBP45

Features

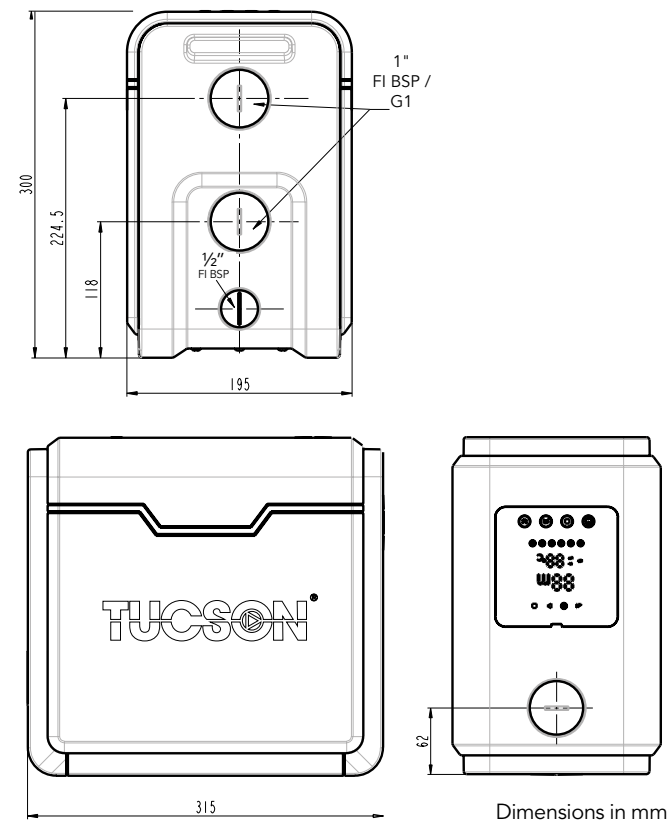
- Automatic multistage centrifugal pumping system
- Constant or modulating select feature
- Pressure select feature
- Utilises dry run protection feature
- High temperature warning feature
- Ergonomic and compact design
- Easy to install and operate
- Utilises an integrated flow switch
- Utilises an integrated pressure switch
- Utilises an integrated non-return valve
- User friendly integrated control panel
- Powerful & efficient variable speed motor
- 3 years manufacturers warranty
- High-performance air-cooled motor housing
- Adjustable constant pressure motor controller
- Robust component design and construction
- Suitable for domestic & light commercial applications
- Quiet operation, less than 45 dB at five metres distance
- Self Priming Feature—Up to 8 metres
- Anti-seize function—initiates the pump to run for 10 seconds should it not be called on to pump for a period of 24 hours or more
- Incorporates a "Loss of system pressure" indicator on the control panel

Technical Data

- Motor Size: 0.8 HP / 600 Watt
- Motor Type: Variable Speed
- Rated Head: 25m
- Maximum Head: 45m
- Maximum Pressure: 4.5 bar
- Maximum Flowrate / Q Max: 4.5M Cubed / 75L/Min
- Minimum and Maximum Fluid Temperatures: 5°C to 50°C
- Operating Environment Temperature: 5 – 50 Degrees
- Ingress Protection Rating: IP44
- Maximum Operating Pressure: 10 Bar
- Insulation Class: F
- Pump Weight: 14.2kg
- Inlet and Outlet Connection Sizing: 1" FI BSP/G1

CODE	PRODUCT	PALLET QTY
771918	MBP45	24

MBP45 Pump Dimensions



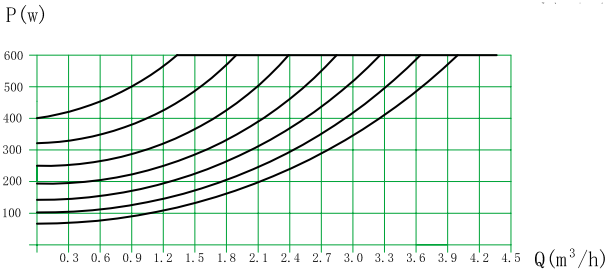
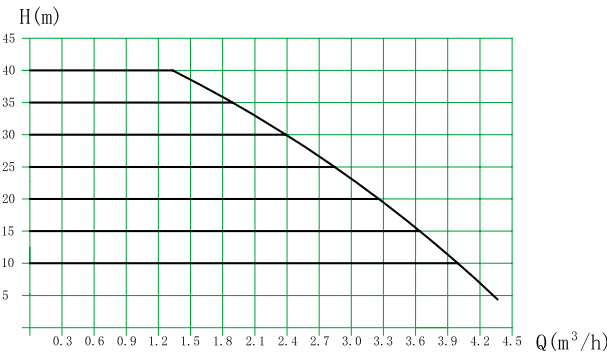
Accessories Included

- 1" 304 stainless steel mesh filter
- 1" FI x MI brass adaptor bushing
- Spare o-ring seal set

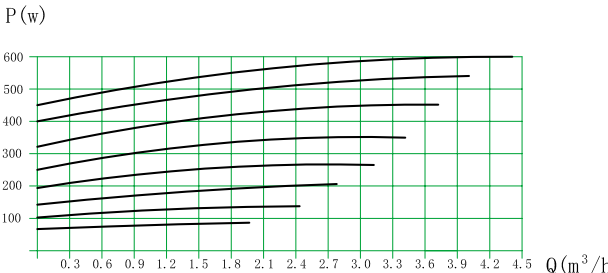
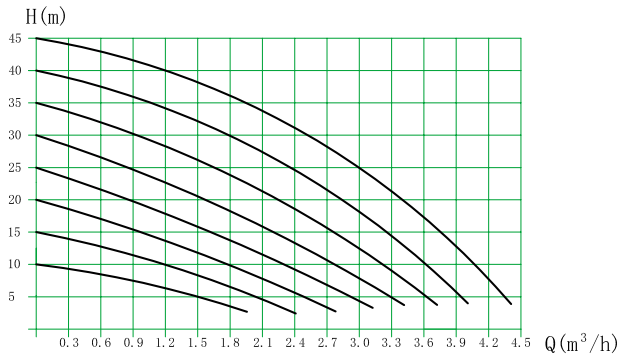


MBP45 Performance Data

Constant Pressure Mode



Constant Speed Mode





MetaBoost Constant Speed Booster Pump CBP400

MetaBoost Constant Speed Booster Pump CBP600



Features

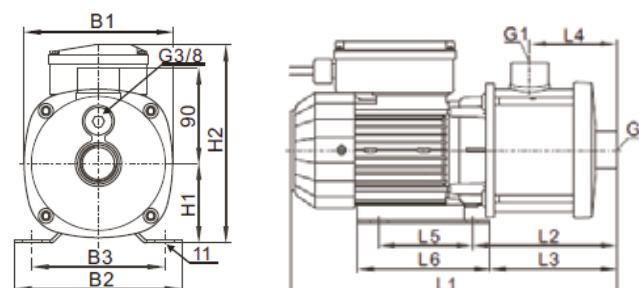
- Compact design
- Powerful & efficient
- Easy to install and operate
- Utilises dry run protection
- Utilises an integrated flow switch
- Utilises an integrated pressure switch
- Utilises an integrated non-return valve
- Adjustable start-up pressure controller
- User friendly unintegrated control panel
- High-performance air-cooled motor housing
- Automatic multistage centrifugal pumping system
- Suitable for domestic & light commercial applications
- Robust construction with stainless steel bodied pump
- Quiet operation, less than 45 dB at five metres distance
- 3 years manufacturers warranty

Technical Data

- Motor Size: 1/2 HP / 370 Watt
- Motor Type: Induction
- Rated Head: 21m
- Rated Flowrate: 49L/min
- Maximum Head: 29m (2.9 bar)
- Maximum Flowrate: 84L/min
- Maximum Fluid Temperature: 50°C
- Operating Environment Temperature: 5 – 50°C
- Ingress Protection Rating: IP55
- Controller Waterproof Rating: IP65
- Controller Maximum Operating Pressure: 8 Bar
- Insulation Class: F
- Pump Weight: 9.2 Kg
- Inlet and Outlet Connection Sizing: 1" FI BSP/G1 & 1" MI BSP/G1

CODE	PRODUCT	PALLET QTY
771924	CBP400	28

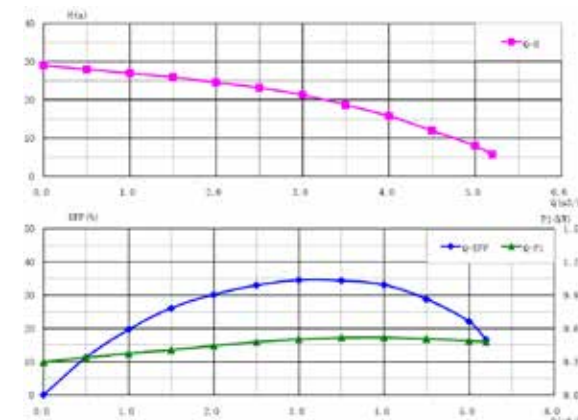
CBP400 Pump Dimensions



Model	B1	B2	B3	H1	H2	L1	L2	L3	L4	L5	L6	G1
CBP400	140	158	125	75	174	318	131	131	72	96	136	1" FI BSP

Dimensions in mm

CBP Performance Data



Features

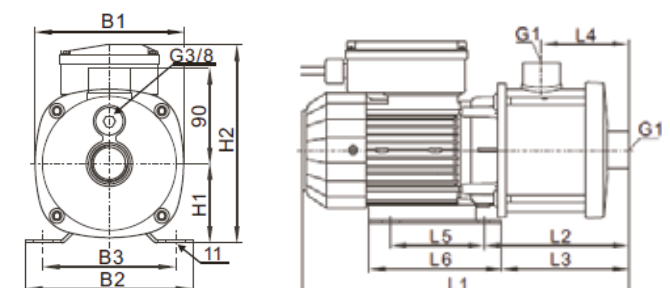
- Compact design
- Powerful & efficient
- Easy to install and operate
- Utilises dry run protection
- Utilises an integrated flow switch
- Utilises an integrated pressure switch
- Utilises an integrated non-return valve
- Adjustable start-up pressure controller
- User friendly unintegrated control panel
- High-performance air-cooled motor housing
- Automatic multistage centrifugal pumping system
- Suitable for domestic & light commercial applications
- Robust construction with stainless steel bodied pump
- Quiet operation, less than 45 dB at five metres distance
- 3 years manufacturers warranty

Technical Data

- Motor Size: 3/4 HP / 550 Watt
- Motor Type: Induction
- Rated Head: 32m
- Rated Flowrate: 50L/min
- Maximum Head: 47m (4.7 bar)
- Maximum Flowrate: 87L/min
- Maximum Fluid Temperature: 50°C
- Operating Environment Temperature: 5 – 50°C
- Ingress Protection Rating: IP55
- Controller IP Rating: IP65
- Controller Maximum Operating Pressure: 8 Bar
- Insulation Class: F
- Pump Weight: 10.2 kg
- Inlet and Outlet Connection Sizing: 1" FI BSP/G1 & 1" MI BSP/G1

CODE	PRODUCT	PALLET QTY
771925	CBP600	30

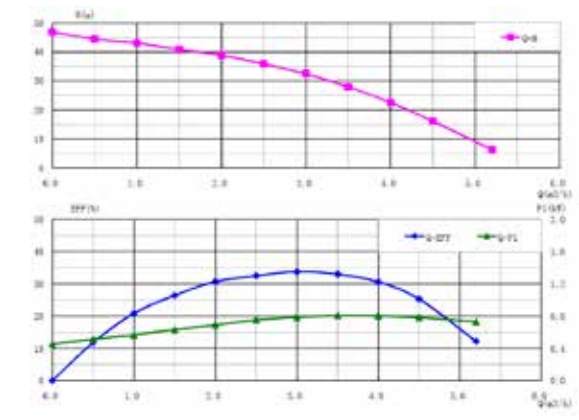
CBP600 Pump Dimensions



Model	B1	B2	B3	H1	H2	L1	L2	L3	L4	L5	L6	G1
CBP600	140	158	125	75	187	383	167	143	108	96	136	1" FI BSP

Dimensions in mm

CBP Performance Data





MetaBoost Constant Speed Booster Pump CBP800

Features

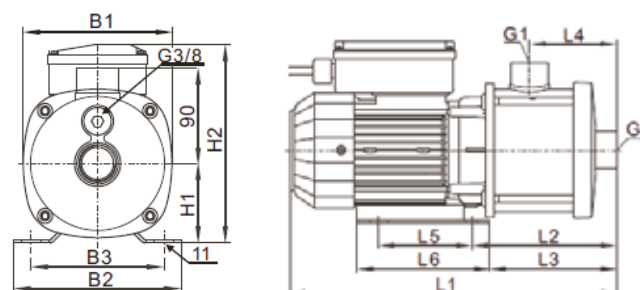
- Compact design
- Powerful & efficient
- Easy to install and operate
- Utilises dry run protection
- Utilises an integrated flow switch
- Utilises an integrated pressure switch
- Utilises an integrated non-return valve
- Adjustable start-up pressure controller
- User friendly unintegrated control panel
- High-performance air-cooled motor housing
- Automatic multistage centrifugal pumping system
- Suitable for domestic & light commercial applications
- Robust construction with stainless steel bodied pump
- Quiet operation, less than 45 dB at five metres distance
- 3 years manufacturers warranty

Technical Data

- Motor Size: 1 HP / 750 Watt
- Motor Type: Induction
- Rated Head: 39m
- Rated Flowrate: 53L/min
- Maximum Head: 56m (5.6 bar)
- Maximum Flowrate: 92L/min
- Maximum Fluid Temperature: 50°C
- Operating environment temperature 5 – 50°C
- Ingress Protection Rating: IP55
- Controller Waterproof Rating: IP65
- Controller Maximum Operating Pressure: 8 Bar
- Insulation Class: F
- Pump weight: 11.2 Kg
- Inlet and Outlet Connection Sizing: 1" FI BSP/G1 & 1" MI BSP/G1

CODE	PRODUCT	PALLET QTY
771926	CBP800	24

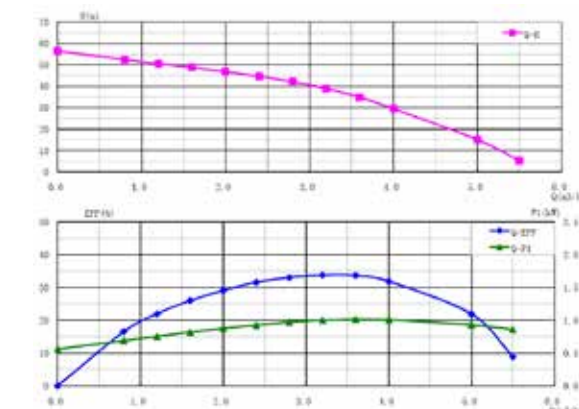
CB800 Pump Dimensions



Model	B1	B2	B3	H1	H2	L1	L2	L3	L4	L5	L6	G1
CBP800	140	158	125	75	200	416	203	179	144	96	155	1"FI BSP

Dimensions in mm

CBP Performance Data



MetaBoost Constant Speed Booster Pump CBP1000



Features

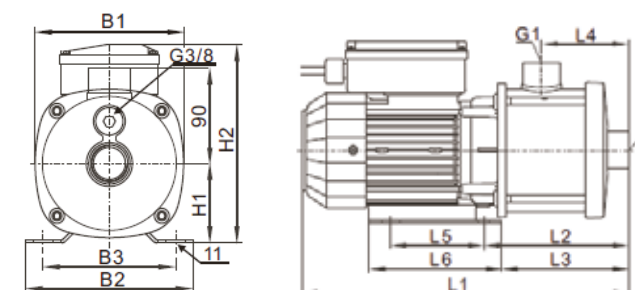
- Compact design
- Powerful & efficient
- Easy to install and operate
- Utilises dry run protection
- Utilises an integrated flow switch
- Utilises an integrated pressure switch
- Utilises an integrated non-return valve
- Adjustable start-up pressure controller
- User friendly unintegrated control panel
- High-performance air-cooled motor housing
- Automatic multistage centrifugal pumping system
- Suitable for domestic & light commercial applications
- Robust construction with stainless steel bodied pump
- Quiet operation, less than 45 dB at five metres distance
- 3 years manufacturers warranty

Technical Data

- Motor Size: 1.33 HP / 1000 Watt
- Motor Type: Induction
- Rated Head: 42m
- Rated Flowrate: 60L/min
- Maximum Head: 67m (6.7 bar)
- Maximum Flowrate: 92L/min
- Maximum Fluid Temperature: 50°C
- Operating Environment Temperature: 5 – 50°C
- Ingress Protection Rating: IP55
- Controller Waterproof Rating: IP65
- Controller Maximum Operating Pressure: 8 Bar
- Insulation Class: F
- Pump Weight: 12.2 Kg
- Inlet and Outlet connection sizing: 1" FI BSP/G1 & 1" MI BSP/G1

CODE	PRODUCT	PALLET QTY
771927	CBP1000	24

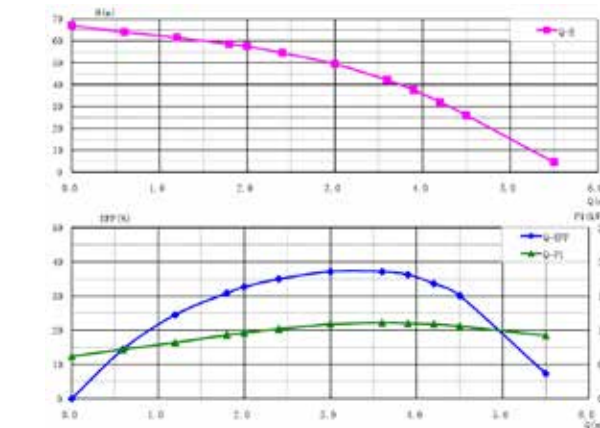
CBP1000 Pump Dimensions



Model	B1	B2	B3	H1	H2	L1	L2	L3	L4	L5	L6	G1
CBP1000	140	158	125	75	200	416	203	179	144	96	155	1"FI BSP

Dimensions in mm

CBP Performance Data





SubPro 1000S Multistage Submersible Pump



CODE	PRODUCT	PALLET QTY
771972	1000S	32

Features

- High head of pressure and flow rate performance
- Easy to retro-fit or install as a new application
- Exceptional submersed pumping efficiency
- Powerful 1000 Watt pump motor
- Robust component manufacture
- 3 years manufacturers warranty

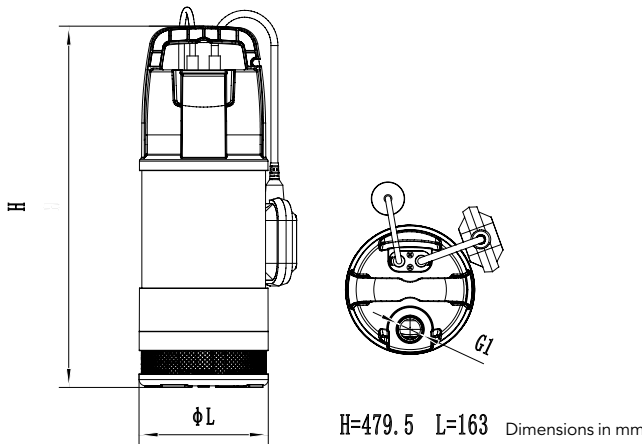
Technical Data

- Input voltage: 230V / 50Hz
- Power: 1000 Watt
- Ingress Protection Rating: IPX8
- Maximum Head of Pressure: 44m
- Maximum Flowrate: 7(m3/hr) or 117l/min
- Impellor Material: PPO
- Shaft Material: 304 grade stainless steel
- Cable Length: 2 metres
- Minimum Submersion Depth: 200mm
- Maximum Submersion Depth (if cabled): 7 metres
- Pumped Liquid Temperature Range: 4°C - 35°C

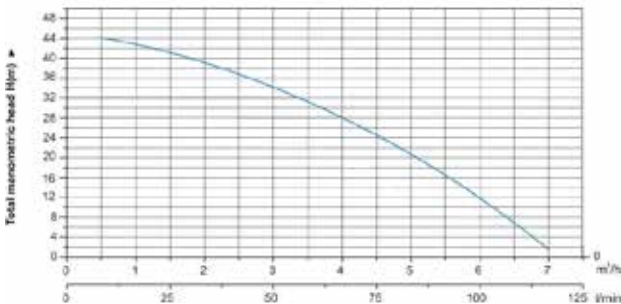
Accessories

- 1 ¼" x 1" BSP/G Brass reducing bushing
- 1" BSP/G Brass non-return valve
- 1" Poly-compression CxC pipework connection fitting

Tucson SubPro 1000S
Multistage Submersible Pump Dimensions



1000S Performance Data



Pressure Switches

Pressure Switches

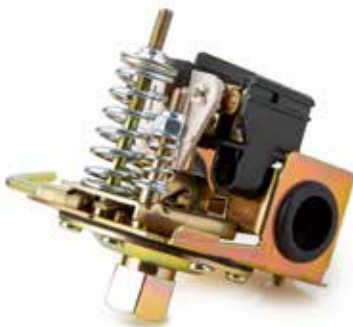
CODE	SIZE	BOX QTY
771900	MPS1 - Pressure Switch Manual	50
771905	MPS2LP - Loss of Prime Manual Pressure Switch	50
771901	APS1 - Automatic Pressure Switch 1	12
771907	APS2 - Automatic Pressure Switch 2	12



APS1
1" BSP / G1 Connections



MPS1



MPS2LP



APS2
1" BSP / G1 Connections

MPS2LP

A loss of prime pressure switch is essentially a "Dry-Run" protection devise for a well pump. Typically used where an independent well application uses a submersible or overground pump.

Where Installed this switch can identify Low Pressure in the supply pipework, should the pump pressure fall below 14 psi / 1 Bar, the loss of prime pressure switch will then initiate and isolate the power supply to the pump, thus protecting the pump from overheating.



Equinox 2 Bar Positive Head Shower Pump



Features

- Brass Body Material - CW617N
- Robust and compact design
- 304 Stainless steel flexible hoses
- Quick attached push-fit connections
- Powerful and efficient induction motor
- Carbon-Silicone-Carbide mechanical seals
- EPDM housing O rings & washers
- Quiet operation of less than 66 dB
- 1.5 meter of pre-wired motor cable
- Easy to install and operate
- Auto reset thermal switch
- Continuous (S1) rated design
- 3 years manufacturer's warranty

Technical Data

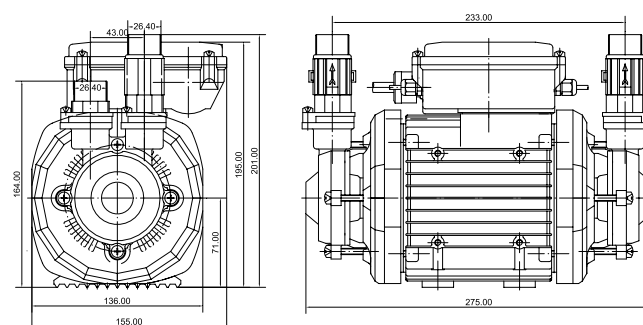
- Rate Voltage/Frequency: 230V/50Hz
- Rated Power Input P1 - 500 Watt
- Rated Current Input (A): 2.2A
- Fuse (Amps): Fuse 7A
- Electrical Class (I, II or III): Class I
- Ingress Protection Rating: IP44
- Maximum Head: Hmax 21m
- Minimum Head: Hmin 0.3m
- Qmax (Flowrate) L/Min: Qmax 46.6L/min
- Pump Duty: Continuous (S1)
- Capacitor Rating/Spec: CAP 12μF/450V S2
- Insulation Class (F): Class 155(F)
- Motor Speed (R/pm): 2900 R/pm
- Max Ambient Temperature (AMB -°C): AMB 40°C
- Max water temperature (°C): Max 65°C
- Acoustic Noise (dB): <66 dB
- Nett weight: 10KG

Product Components

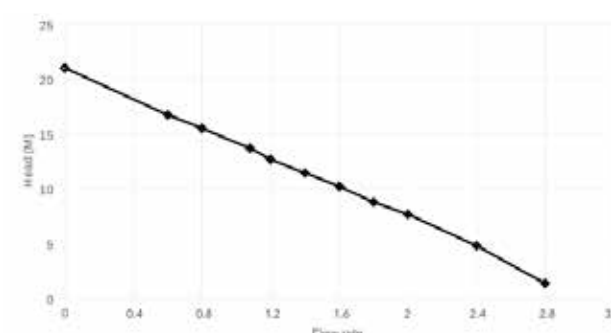
- One Equinox Shower Pump
- Four 21mm / 3/4 inch Push-Fit stainless steel flexible hoses with isolating valves OR Four 22mm Push-Fit stainless steel flexible hoses with isolating valves
- One anti-vibration base mat
- Installation and operating manual
- Warranty registration card

CODE	PRODUCT	PALLET QTY
771920	2 Bar Positive Head (Imperial Connections)	36
771932	2 Bar Positive Head (Metric Connections)	36

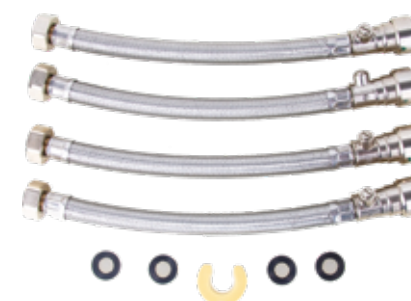
Equinox Positive Head Shower Pump Dimensions



Performance Data



Equinox 2 Bar Universal Head Shower Pump



Features

- Brass Body Material - CW617N
- Robust and compact design
- 304 Stainless steel flexible hoses
- Quick attached push-fit connections
- Powerful and efficient induction motor
- Carbon-Silicone-Carbide mechanical seals
- EPDM housing O rings & washers
- Quiet operation of less than 66 dB
- 1.5 meter of pre-wired motor cable
- Easy to install and operate
- Auto reset thermal switch
- Continuous (S1) rated design
- 3 years manufacturer's warranty

Technical Data

- Rate Voltage/Frequency: 230V/50Hz
- Rated Power Input P1 - 500 Watt
- Rated Current Input (A): 2.2A
- Fuse (Amps): Fuse 7A
- Electrical Class (I, II or III): Class I
- Ingress Protection Rating: IP44
- Maximum Head: Hmax 21m
- Minimum Head: Hmin 0.3m
- Qmax (Flowrate) L/Min: Qmax 37.2L/min
- Pump Duty: Continuous (S1)
- Capacitor Rating/Spec: CAP 12μF/450V S2
- Insulation Class (F): Class 155(F)
- Motor Speed (R/pm): 2900 R/pm
- Max Ambient Temp (AMB -°C): AMB 40°C
- Max water temperature (°C): Max 65°C
- Acoustic Noise (dB): <66dB
- Nett weight: 10.5KG

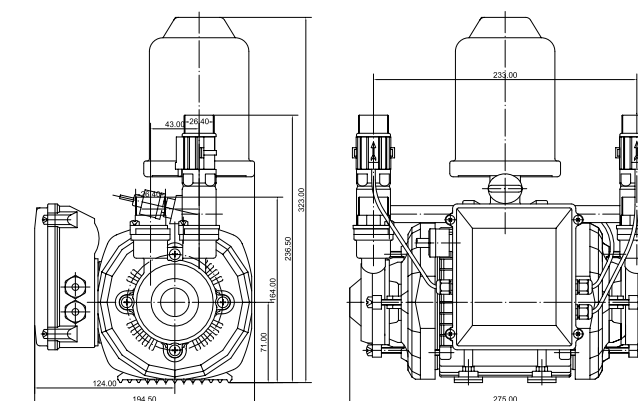
Product Components

- One Equinox Shower Pump
- Four 21mm / 3/4 inch Push-Fit stainless steel flexible hoses with isolating valves OR Four 22mm Push-Fit stainless steel flexible hoses with isolating valves
- One anti-vibration base mat
- Installation and operating manual
- Warranty registration card

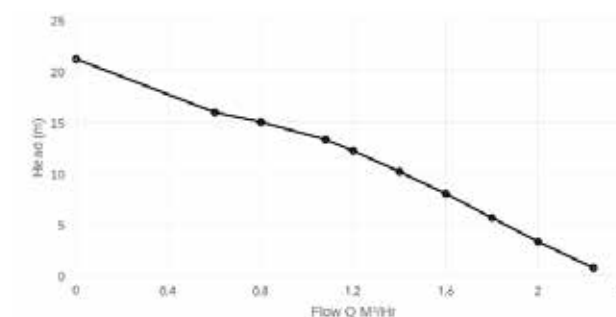


CODE	PRODUCT	PALLET QTY
771921	2 Bar Universal Head (Imperial Connections)	45
771933	2 Bar Universal Head (Metric Connections)	45

Equinox Positive Head Shower Pump Dimensions



Performance Data



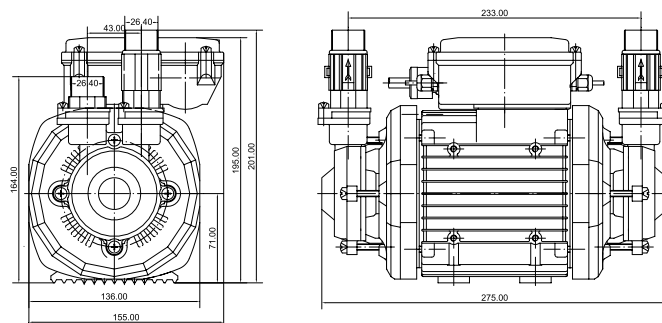


Equinox 4 Bar Positive Head Shower Pump

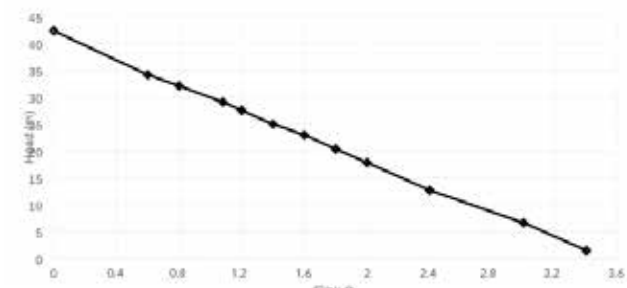


CODE	PRODUCT	PALLET QTY
771922	4 Bar Positive Head (Imperial Connections)	36
771934	4 Bar Positive Head (Metric Connections)	36

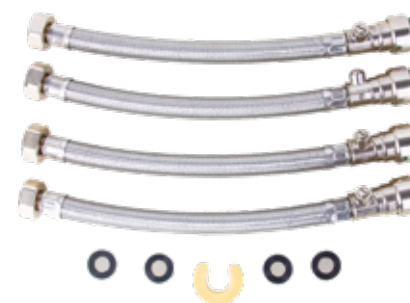
Equinox Positive Head Shower Pump Dimensions



Performance Data

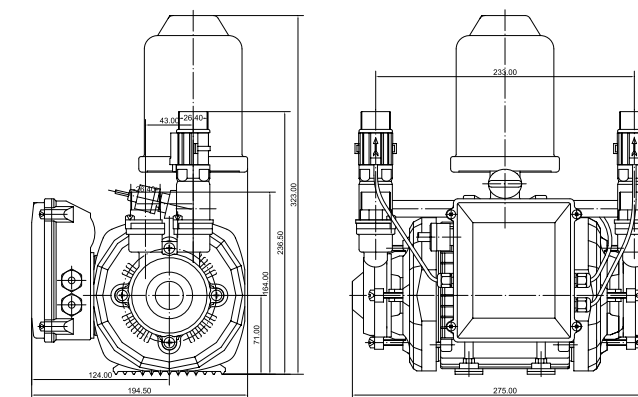


Equinox 4 Bar Universal Head Shower Pump

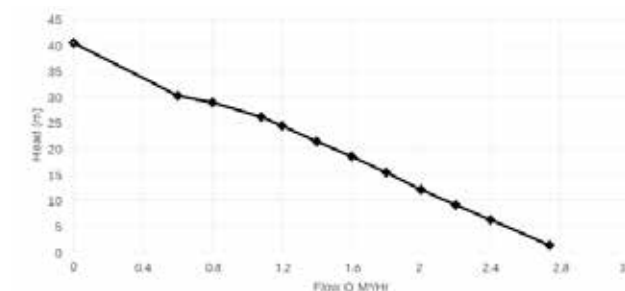


CODE	PRODUCT	PALLET QTY
771923	4 Bar Universal Head (Imperial Connections)	45
771935	4 Bar Universal Head (Metric Connections)	45

Equinox Universal Head Shower Pump Dimensions



Performance Data



Features

- Brass Body Material - CW617N
- Robust and compact design
- 304 Stainless steel flexible hoses
- Quick attached push-fit connections
- Powerful and efficient induction motor
- Carbon-Silicone-Carbide mechanical seals
- EPDM housing O rings & washers
- Quiet operation of less than 66 dB
- 1.5 meter of pre-wired motor cable
- Easy to install and operate
- Auto reset thermal switch
- Continuous (S1) rated design
- 3 years manufacturer's warranty

Technical Data

- Rate Voltage/Frequency: 230V/50Hz
- Rated Power Input P1 - 900 Watt
- Rated Current Input (A): 3.61A
- Fuse (Amps): Fuse 10A
- Electrical Class (I, II or III): Class I
- Ingress Protection Rating: IP44
- Maximum Head: Hmax 40m
- Minimum Head: Hmin 0.3m
- Qmax (Flowrate) L/Min: Qmax 56.7L/min
- Pump Duty: Continuous (S1)
- Capacitor Rating/Spec: CAP 12μF/450V S2
- Insulation Class (F): Class 155 (F)
- Motor Speed (R/pm): 2900 R/pm
- Max Ambient Temperature (AMB -°C): AMB 40°C
- Max water temperature (°C): Max 65°C
- Acoustic Noise (dB): <66 dB
- Nett weight: 11.5KG

Product Components

- One Equinox Shower Pump
- Four 21mm / ¾" Irish / Push-Fit stainless steel flexible hoses with isolating valves OR Four 22mm Push-Fit stainless steel flexible hoses with isolating valves
- One anti-vibration base mat
- Installation and operating manual
- Warranty registration card

Features

- Brass Body Material - CW617N
- Robust and compact design
- 304 Stainless steel flexible hoses
- Quick attached push-fit connections
- Powerful and efficient induction motor
- Carbon-Silicone-Carbide mechanical seals
- EPDM housing O rings & washers
- Quiet operation of less than 66 dB
- 1.5 meter of pre-wired motor cable
- Easy to install and operate
- Auto reset thermal switch
- Continuous (S1) rated design
- 3 years manufacturer's warranty

Technical Data

- Rate Voltage/Frequency: 230V/50Hz
- Rated Power Input P1 - 900 Watt
- Rated Current Input (A): 3.46A
- Fuse (Amps): Fuse 10A
- Electrical Class (I, II or III): Class I
- Ingress Protection Rating: IP44
- Maximum Head: Hmax 40m
- Minimum Head: Hmin 0.3m
- Qmax (Flowrate) L/Min: Qmax 45.6L/min
- Pump Duty: Continuous (S1)
- Capacitor Rating/Spec: CAP 12μF/450V S2
- Insulation Class (F): Class 155 (F)
- Motor Speed (R/pm): 2900 R/pm
- Max Ambient Temp (AMB -°C): AMB 40°C
- Max water temperature (°C): Max 65°C
- Acoustic Noise (dB): <66dB
- Nett weight: 12KG

Product Components

- One Equinox Shower Pump
- Four 21mm / ¾" Irish / Push-Fit stainless steel flexible hoses with isolating valves OR Four 22mm Push-Fit stainless steel flexible hoses with isolating valves
- One anti-vibration base mat
- Installation and operating manual
- Warranty registration card

Equinox Shower Pump Accessories

Pump Accessories

Thermostatic Protection Device / TPD



CODE	PRODUCT
771953	TPD with 21mm CxCxC and Flow Temp control to a max of 65°C
771954	TPD with 22mm CxCxC and Flow Temp control to a max of 65°C

Note: A TPD must be used where an uncontrolled heat source is utilised to generate domestic hot water.

Anti-Vibration Mat



CODE	PRODUCT
771939	179mm x 179mm

Flexible Hoses

CODE	PRODUCT
771930	¾" PF x ¾" FI x 300mm
771931	22mm PF x ¾" FI x 300mm



Flanges



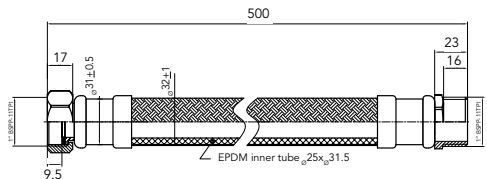
CODE	PRODUCT
759003	1" BSP Male x 22mm Spigot
759006	1" BSP Male x 21mm (¾") Spigot

Tucson Flexible Connection Pump Hoses WRAS Approved EPDM Tube

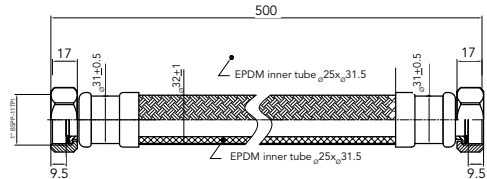
Component Material: Chrome plated CW617N Brass, Stainless Steel Braided, EPDM Rubber

CODE	SIZE	HOSE LENGTH	BOX QTY
771481	1" BSP MI x FI	500mm	50
771482	1" BSP FI x FI	500mm	50
771483	1" BSP MI x FI	750mm	50
771484	1" BSP FI x FI	750mm	50
771485	1" C x 1" FI 90° Swept Elbow	500mm	50
771486	1" BSP FI x FI 1M 90° Elbow	1000mm	50
771487	1" M x F Flexi Hose	300mm	50
771488	1" F x F Flexi Hose	300mm	50

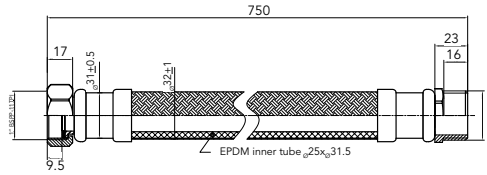
All hoses are supplied with gasket washers



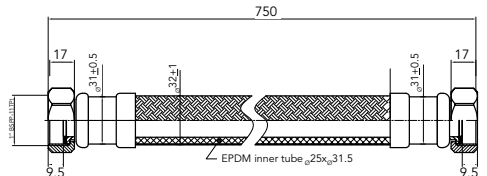
771481



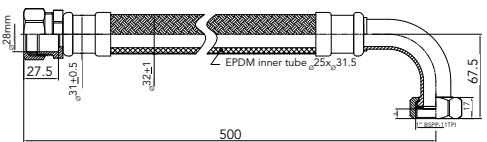
771482



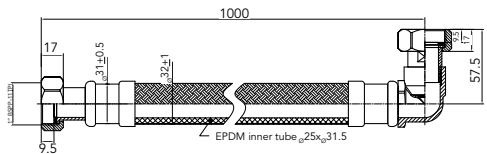
771483



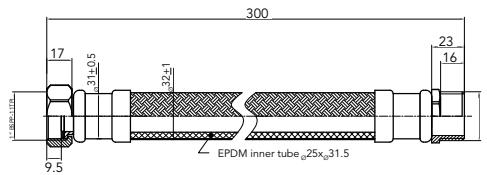
771484



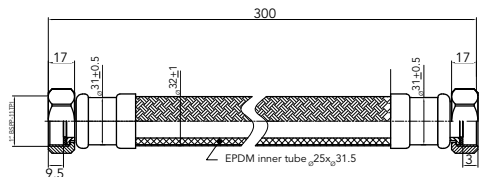
771485



771486



771487



771488



Instantor[®]

Pex Pipe





Instantor-Pex is designed for use with existing I.S. EN 1254-2:1998 compliant fittings and inserts. It can also be used with other approved proprietary fitting systems.

Ideal for conventional central heating, underfloor heating, hot and cold running water and all general plumbing applications.

INSTANTOR®- Pex Coils

CODE	SIZE
772001	½" x 100m Coil
772002	¾" x 50m Coil
772004	1" x 10m Coil
772014	1" x 50m Coil



INSTANTOR®- Pex Lengths

CODE	SIZE
772008	½" x 5.8m - 10 Pack
772009	¾" x 5.8m - 10 Pack
772010	1" x 5.8m - 10 Pack



INSTANTOR®- Pex Insulated Pipe

CODE	SIZE
772023	½" x 50m Coil
772024	¾" x 50m Coil
772026	1" x 50m Coil



INSTANTOR®- Pex Pipe In Pipe Coils

CODE	SIZE
772020	½" x 50m Coil



INSTANTOR®- Pex Inserts

CODE	SIZE	BAG QTY
772011 PK	½" Copper	200
772012 PK	¾" Copper	100
772013	1" Copper	50
772015	½" Plastic	500
772016	¾" Plastic	300
772017	1" Plastic	50





Instantor[®]

**Solder Ring / Capillary &
End Feed / Brazing Fittings**



C10 Straight Coupler C x C



CODE	SIZE	BOX QTY	PACK QTY
C10001	1/2"	1000	100
C10002	3/4"	500	50
C10003	1"	300	10
C10004	1 1/4"	160	5
C10005	1 1/2"	-	5
C10006	2"	-	5
C10021	3/4" x 1/2"	-	25
C10032	1" x 3/4"	-	25

C14 Straight Tap Connector C x F.I.



CODE	SIZE	BOX QTY	PACK QTY
C14001	1/2"	-	25
C14002	3/4"	-	25

C15 Elbow C x C



CODE	SIZE	BOX QTY	PACK QTY
C15001	1/2"	1000	20
C15002	3/4"	400	15
C15003	1"	150	10
C15004	1 1/4"	120	5
C15005	1 1/2"	-	5
C15006	2"	-	6

C18 Equal Tee C x C x C



CODE	SIZE	BOX QTY	PACK QTY
C18001	1/2"	500	20
C18002	3/4"	240	15
C18003	1"	120	10
C18004	1 1/4"	60	10
C18005	1 1/2"	-	5
C18006	2"	-	2

C18 Reducing Tee C x C x C



CODE	SIZE	BOX QTY	PACK QTY
C18221	3/4" x 3/4" x 1/2"	240	15
C18212	3/4" x 1/2" x 3/4"	240	15
C18211	3/4" x 1/2" x 1/2"	240	15
C18322	1" x 3/4" x 3/4"	120	10
C18323	1" x 3/4" x 1"	120	10
C18332	1" x 1" x 3/4"	150	10
C18331	1" x 1" x 1/2"	120	10
C18313	1" x 1/2" x 1"	120	10

C27 Bent Tap Connector C x F.I.



CODE	SIZE	BOX QTY	PACK QTY
C13001	1/2"	-	25

C48 Fitting Reducer



CODE	SIZE	BOX QTY	PACK QTY
C19021	3/4" x 1/2"	-	25
C19031	1" x 1/2"	-	25
C19032	1" x 3/4"	-	10
C19043	1 1/4" x 1"	-	10
C19054	1 1/2" x 1 1/4"	-	10
C19065	2" x 1 1/2"	-	4

C48M Fitting Reducer to Metric

CODE	SIZE	BOX QTY	PACK QTY
C19010	1/2" x 10mm	-	25

C72 Stop End



CODE	SIZE	BOX QTY	PACK QTY
C10721	1/2"	-	20
C10722	3/4"	-	15
C10723	1"	-	10

M10 Straight Coupler
C x C



CODE	SIZE	BOX QTY	PACK QTY
M10077	8mm	-	20
M10088	10mm	-	20
M10001	15mm	-	20
M10002	22mm	-	15
M10003	28mm	-	10
M10004	35mm	-	10
M10005	42mm	-	5
M10006	54mm	-	5
M10011	15mm x ½"	-	100
M10022	22mm x ¾"	-	25
M10017	15mm x 8mm	-	-
M10018	15mm x 10mm	-	-
M10021	22mm x 15mm	-	-
M10031	28mm x 15mm	-	-
M10032	28mm x 22mm	-	-

M11 Straight Coupler
M.I. x C



CODE	SIZE	BOX QTY	PACK QTY
M11001	15mm x ½"	-	25
M11002	22mm x ¾"	-	50
M11003	28mm x 1"	-	10

M12 Straight Coupler
F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
M12001	15mm x ½"	-	25
M12002	22mm x ¾"	-	25
M12003	28mm x 1"	-	25

M14 Straight Tap
Connector C x F.I.



CODE	SIZE	BOX QTY	PACK QTY
M14001	15mm	-	20
M14002	22mm	-	25
M13001	15mm BENT	-	-

M15 Elbow
C x C



CODE	SIZE	BOX QTY	PACK QTY
M15077	8mm	-	20
M15088	10mm	-	20
M15001	15mm	-	20
M15002	22mm	-	15
M15003	28mm	-	10
M15004	35mm	-	5
M15005	42mm	-	5
M15006	54mm	-	4

M16 Elbow
M.I. x C



CODE	SIZE	BOX QTY	PACK QTY
M16001	15mm x ½"	-	25
M16002	22mm x ¾"	-	25

M17 Elbow
F.I. x C



CODE	SIZE	BOX QTY	PACK QTY
M17001	15mm x ½"	-	25

M18 Tee
C x C x C



CODE	SIZE	BOX QTY	PACK QTY
M18777	8mm	-	20
M18888	10mm	-	20
M18001	15mm	-	20
M18002	22mm	-	15
M18003	28mm	-	10
M18004	35mm	-	5
M18005	42mm	-	5
M18006	54mm	-	4

M18 Tee
C x C x C



CODE	SIZE	BOX QTY	PACK QTY
M18212	22 x 15 x 22mm	-	15
M18211	22 x 15 x 15mm	-	15
M18221	22 x 22 x 15mm	-	15
M18223	22 x 22 x 28mm	-	10
M18313	28 x 15 x 28mm	-	-
M18322	28 x 22 x 22mm	-	10
M18323	28 x 22 x 28mm	-	10
M18331	28 x 28 x 15mm	-	10
M18332	28 x 28 x 22mm	-	10
M18441	35 x 35 x 15mm	-	5
M18443	35 x 35 x 28mm	-	5
M18551	42 x 42 x 15mm	-	4
M18661	54 x 54 x 15mm	-	2
M18662	54 x 54 x 22mm	-	2
M18663	54 x 54 x 28mm	-	2

M45
Obtuse Bend



CODE	SIZE	BOX QTY	PACK QTY
M45001	15mm	-	10
M45002	22mm	-	10
M45003	28mm	-	10
M45004	35mm	-	10
M45005	42mm	-	10
M45006	54mm	-	10

M25
Street Elbow

CODE	SIZE	BOX QTY	PACK QTY
M25001	15mm	-	-
M25002	22mm	-	-
M25003	28mm	-	-

Note:

Sanbra Fyffe Solder Ring Capillary Fittings conform to EN 1254-1 and are lead free to suit Imperial and Metric Copper Tube Sizes

M48
Fitting Reducer



CODE	SIZE	BOX QTY	PACK QTY
M19017	15 x 8mm	-	20
M19018	15 x 10mm	-	20
M19021	22 x 15mm	-	20
M19031	28 x 15mm	-	10
M19032	28 x 22mm	-	10
M19042	35 x 22mm	-	-
M19043	35 x 28mm	-	-
M19052	42 x 22mm	-	4
M19054	42 x 35mm	-	-
M19061	54 x 15mm	-	2
M19062	54 x 22mm	-	5
M19065	54 x 42mm	-	-

M72
Stop End



CODE	SIZE	BOX QTY	PACK QTY
M10721	15mm	-	20
M10722	22mm	-	10
M10723	28mm	-	10
M10724	35mm	-	5
M10725	42mm	-	5
M10726	54mm	-	5

SE10 Coupling EF



CODE	SIZE	BOX QTY	PACK QTY
SE10065	8mm	-	25
SE10066	10mm	-	25
SE10001	15mm	-	25
SE10002	22mm	-	25
SE10003	28mm	-	10
SE10004	35mm	-	5
SE10005	42mm	-	5
SE10006	54mm	-	5
SE10007	67mm	-	L
SE10008	76mm	-	L
SE10009	108mm	-	L
SE10010	159mm	-	L
SE10018	15 x 10mm	-	25
SE10031	28 x 15mm	-	10
SE10054	42 x 35mm	-	10
SE10064	54 x 35mm	-	10

SE11 Straight Coupler MI



CODE	SIZE	BOX QTY	PACK QTY
SE11001	½" x 15mm	-	25
SE11002	¾" x 22mm	-	25
SE11003	1" x 28mm	-	10
SE11004	1 ¼" x 35mm	-	10
SE11005	1 ½" x 42mm	-	5
SE11006	2" x 54mm	-	5
SE11007	2 ½" x 67mm	-	5

SE12 Straight Coupler FI

CODE	SIZE	BOX QTY	PACK QTY
SE12001	½" x 15mm	-	-
SE12002	¾" x 22mm	-	-
SE12003	1" x 28mm	-	-
SE12004	1 ¼" x 35mm	-	-
SE12005	1 ½" x 42mm	-	-
SE12006	2" x 54mm	-	-
SE12007	2 ½" x 67mm	-	-

SE45 45 Degree Elbow EF



CODE	SIZE	BOX QTY	PACK QTY
SE45065	8mm	-	25
SE45066	10mm	-	25
SE45001	15mm	-	25
SE45002	22mm	-	25
SE45003	28mm	-	10
SE45004	35mm	-	5
SE45005	42mm	-	5
SE45006	54mm	-	5
SE45007	67mm	-	L
SE45008	76mm	-	L
SE45009	108mm	-	L

SE19 Fitting Reducer EF



CODE	SIZE	BOX QTY	PACK QTY
SE19087	10 x 8mm	-	25
SE19019	15 x 8mm	-	25
SE19018	15 x 10mm	-	25
SE19021	22 x 15mm	-	25
SE19031	28 x 15mm	-	10
SE19032	28 x 22mm	-	10
SE19041	35 x 15mm	-	10
SE19042	35 x 22mm	-	10
SE19043	35 x 28mm	-	10
SE19051	42 x 15mm	-	5
SE19052	42 x 22mm	-	5
SE19053	42 x 28mm	-	5
SE19054	42 x 35mm	-	5
SE19061	54 x 15mm	-	5
SE19062	54 x 22mm	-	5
SE19063	54 x 28mm	-	2
SE19064	54 x 35mm	-	2
SE19065	54 x 42mm	-	2
SE19073	67 x 28mm	-	L
SE19074	67 x 35mm	-	L
SE19075	67 x 42mm	-	L
SE19076	67 x 54mm	-	L
SE19084	76 x 35mm	-	L
SE19085	76 x 42mm	-	L
SE19086	76 x 54mm	-	L
SE19088	76 x 67mm	-	L
SE19095	108 x 42mm	-	L
SE19096	108 x 54mm	-	L
SE19097	108 x 67mm	-	L
SE19098	108 x 76mm	-	L
SE19099	159 x 108mm	-	L

SE51 Stop End EF



CODE	SIZE	BOX QTY	PACK QTY
SE51010	8mm	-	25
SE51011	10mm	-	25
SE51001	15mm	-	25
SE51002	22mm	-	25
SE51003	28mm	-	25
SE51004	35mm	-	10
SE51005	42mm	-	5
SE51006	54mm	-	2
SE51007	67mm	-	L
SE51008	76mm	-	L
SE51009	108mm	-	L

SE18 Tee EF



CODE	SIZE	BOX QTY	PACK QTY
SE18011	8mm	-	25
SE18012	10mm	-	25
SE18001	15mm	-	25
SE18002	22mm	-	25
SE18003	28mm	-	10
SE18004	35mm	-	5
SE18005	42mm	-	5
SE18006	54mm	-	2
SE18007	67mm	-	L
SE18008	76mm	-	L
SE18009	108mm	-	L
SE18010	159mm	-	L

SE15 90 Degree Elbow EF



CODE	SIZE	BOX QTY	PACK QTY
SE15011	8mm	-	25
SE15012	10mm	-	25
SE15001	15mm	-	25
SE15002	22mm	-	25
SE15003	28mm	-	10
SE15004	35mm	-	5
SE15005	42mm	-	5
SE15006	54mm	-	5
SE15007	67mm	-	L
SE15008	76mm	-	L
SE15009	108mm	-	L
SE15010	159mm	-	L

SE35 90 Degree Street Elbow EF



CODE	SIZE	BOX QTY	PACK QTY
SE35001	15mm	-	25
SE35002	22mm	-	25
SE35003	28mm	-	10
SE35004	35mm	-	5
SE35005	42mm	-	5
SE35006	54mm	-	2
SE35007	67mm	-	2
SE35008	76mm	-	2
SE35009	108mm	-	L

SE18 Reducing Tee EF



CODE	SIZE	PACK QTY
SE18209	10 x 8 x 10mm	25
SE18210	15 x 15 x 28mm	25
SE18211	22 x 15 x 15mm	25
SE18212	22 x 15 x 22mm	25
SE18221	22 x 22 x 15mm	25
SE18223	22 x 22 x 28mm	10
SE18311	28 x 15 x 15mm	10
SE18312	28 x 15 x 22mm	10
SE18313	28 x 15 x 28mm	10
SE18321	28 x 22 x 15mm	10
SE18322	28 x 22 x 22mm	10
SE18334	28 x 28 x 35mm	10
SE18323	28 x 22 x 28mm	10
SE18331	28 x 28 x 15mm	10
SE18332	28 x 28 x 22mm	10
SE18414	35 x 15 x 35mm	5
SE18422	35 x 22 x 22mm	5
SE18424	35 x 22 x 35mm	5
SE18431	35 x 28 x 15mm	5
SE18432	35 x 28 x 22mm	5
SE18433	35 x 28 x 28mm	5
SE18434	35 x 28 x 35mm	5
SE18441	35 x 35 x 15mm	5
SE18442	35 x 35 x 22mm	5
SE18443	35 x 35 x 28mm	5
SE18445	35 x 35 x 42mm	5
SE18535	42 x 28 x 42mm	5
SE18543	42 x 35 x 28mm	5
SE18544	42 x 35 x 35mm	5
SE18545	42 x 35 x 42mm	2
SE18551	42 x 42 x 15mm	2
SE18552	42 x 42 x 22mm	2
SE18553	42 x 42 x 28mm	2
SE18554	42 x 42 x 35mm	2
SE18655	54 x 42 x 42mm	2
SE18656	54 x 42 x 54mm	2
SE18661	54 x 54 x 15mm	2
SE18662	54 x 54 x 22mm	2
SE18663	54 x 54 x 28mm	2
SE18664	54 x 54 x 35mm	2
SE18665	54 x 54 x 42mm	2
SE18773	67 x 67 x 28mm	L
SE18776	67 x 67 x 54mm	L
SE18885	76 x 76 x 42mm	L
SE18996	108 x 108 x 54mm	L
SE18998	108 x 108 x 76mm	L



Sanbra[®]
Prime Plumb



C x C WRAS Approved Lever Ballvalves

CODE	SIZE
771788	½"
771789	¾"
771790	1"
771719	15mm
771720	22mm
771730	28mm



Please specify red or blue when ordering

C x C Standard Lever Ballvalves

CODE	SIZE
771754	1¼"
771755	1½"
771756	2"



F.I x F.I WRAS Approved Lever Ballvalves

CODE	SIZE
771636	¾"
771635	1"
771637	1½"
771638	2"
771639	3"
771704W	1¼"
771705W	1½"
771706W	2"



Please specify red or blue when ordering

F.I x F.I Standard Lever Ballvalves

CODE	SIZE
771707	2½"



M.I x F.I Manifolds



CODE	SIZE
771871	¾" x ½" - 2 Port
771872	1" x ½" - 2 Port
771874	¾" x ½" - 3 Port
771875	1" x ½" - 3 Port
771877	¾" x ½" - 4 Port
771878	1" x ½" - 4 Port

Manifold Brackets Available on Request

M.I x F.I Manifolds WRAS Approved



CODE	SIZE
771871PW	¾" x ½" - 2 Port
771872PW	1" x ½" - 2 Port
771874PW	¾" x ½" - 3 Port
771875PW	1" x ½" - 3 Port
771877PW	¾" x ½" - 4 Port
771878PW	1" x ½" - 4 Port

Manifold Brackets Available on Request

Many lines also available in Metric

Thermostatic
Mixing Valve



CODE	SIZE
770970	15mm
770971	22mm



Thermostatic
Radiator Valves

CODE	SIZE
771000	½" Standard Pair
771096	Pack (1 of each)



Heated Towel
Rail Valves

CODE	SIZE
599370	½" Angled
599371	½" Straight



C X C Isolating Valve

CODE	SIZE
700051	½"
700061	¾"



C X C Spring Loaded
Non-Return Valve

CODE	SIZE
771851	½"
771852	¾"
771853	1"



F.I X F.I Spring Loaded
Non-Return Valve

CODE	SIZE
771841	½"
771842	¾"
771843	1"
771844	1¼"
771845	1½"



F.I X F.I Swing Check Valve

CODE	SIZE
771801	½"
771802	¾"
771803	1"
771804	1¼"
771805	1½"
771806	2"



Safety Valve

CODE	SIZE
771861	½" - 3 Bar
771866	½" - 6 Bar
771864K	½" with gauge - 3 Bar



Gate Type Pump Valves

CODE	SIZE
771042	¾" C
771043	1" C
771058	22mm C
771059	28mm C
771158	¾" F.I
771159	1" F.I
771051	Pump Valve Nut & Washer



Ball Type
Pump Valves

CODE	SIZE
771052	¾" C
771053	1" C
771057	28mm C
771157	1" F.I



Sanbra®
Remote Fire Valve



CODE	SIZE
TFV6515	65°C - 1.5m
TFV9015	90°C - 1.5m
TFV6530	65°C - 3m
TFV9030	90°C - 3m
TFV6560	65°C - 6m
TFV9060	90°C - 6m
TFV6590	66°C - 9m
TFV9090	90°C - 9m
TFV65120	66°C - 12m



Standard Fire Valve

CODE	SIZE
771060	10mm



Oil Filter (Metal Bowl Type)

CODE	SIZE
771055	¾"



Sanbra®
Automatic Air Bottle

CODE	SIZE
771141	½" BSP



Automatic Air Bottle

CODE	SIZE
771039	½" Side Outlet
771041	½" With Check Valve





Agri Tank Ballvalves

CODE	SIZE
With Brass Backnuts	
750310	½" HP - 3" Tail - 6" Arm
750311	½" HP - 4" Tail - 6" Arm
750305	½" HP - 1½" Tail - 6" Arm
With Plastic Backnuts	
750014	½" HP - 1¾" Tail - 6" Arm



Domestic Ballvalves

CODE	SIZE
With Brass Backnuts	
750013	½" HP - 1¾" Tail - 8" Arm
750113	½" LP - 1¾" Tail - 8" Arm
750023	¾" HP - 1½" Tail - 13" Arm
750123	¾" LP - 1½" Tail - 13" Arm
750033	1" HP - 1" Tail - 16" Arm
750046	1¼" HP - 1¾" Tail - 22" Arm
750056	1½" HP - 1¾" Tail - 22" Arm
750066	2" HP - 2" Tail - 29" Arm
With Plastic Backnuts	
750016	½" HP - 1 ⅛" Tail - 8" Arm



Poly & Copper Floats

CODE	SIZE	FOR BALLVALVE
755310	3" x 5/16" whit	½"
755312	4½" x 5/16" whit	½"
755313	6" x 5/16" whit	¾"
755316	8" x 7/16" whit	1"
755317	10" x 9/16" whit	1¼", 1½"
755320	10" Copper x 9/16" whit	1¼", 1½"
755318	12" x 5/8" whit	2"

Frost Free Bib Tap Kit



Kit Contains:
1x 3/4"M Adaptor for hose connector
1x Plastic Key to unscrew the plastic filter
3x Plastic Spare Filters
2x Spare Flat Rubber Gaskets for hose connector
1x User Manual

CODE	SIZE
771503	½"

Hose Union Bibcock

CODE	SIZE
771500	½"
771502	¾"
771505	½" H.U Nut & Tail
771507	¾" H.U Nut & Tail



Lever Bibcock H.U

CODE	SIZE
771833	½" x ½"
771834	¾" x ¾"



M.I X C Washing Machine Valve (pair)

CODE	SIZE
700001	½" x ¾" M.I



C X C Washing Machine Tee H&C (pair)



CODE	SIZE
700010	½" x ½" x ¾" M.I

Washing Machine Hose



CODE	SIZE
700008	1.5M Red & Blue
700006	1.5M Blue
700007	1.5M Red

Washing Machine Y Piece



CODE	SIZE
771838	"Y" Piece

C X F.I Straight Tap Connector



CODE	SIZE
700200	½"

C X F.I Bent Tap Connector



CODE	SIZE
700210	½"
700211	15mm



F.I X C Flexible Hose

CODE	SIZE
700100	½" x 300mm
700104	½" x 500mm
700105	¾" x 300mm
700066	¾" x 500mm

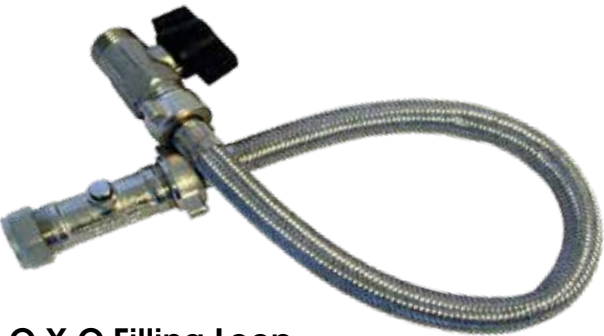


F.I X C Flexible Hose with ISO Valve

CODE	SIZE
700110	½" x 300mm
700109	½" x 500mm
700067	¾" x 300mm
700068	¾" x 500mm

MI X C Flexible Hose with ISO Valve

CODE	SIZE
700069	¾" x 500mm



C X C Filling Loop

CODE	SIZE
771077	Straight (Metric)
771077K	Above with 6 Bar Gauge
771079	Tee (Metric)



C X C Filling Loop

WRAS Approved



CODE	SIZE
771074	Straight (Metric)
771074K	Above with 6 Bar Gauge
771073	6 Bar Gauge



Automatic Filling Valve & Gauge

CODE	SIZE
771740	½"
771076	¼" Gauge Only 0-10 Bar



Automatic Differential Bypass Valve

CODE	SIZE
771739	¾" Angled
771734	¾" Straight
771735	22mm straight

Pressure Reducing Valve



CODE	SIZE
771071	½" & ¾"
771076	¼" Gauge Only 0-10 Bar
771006	½" With Gauge
771007	¾" With Gauge



C X C Gate Valve

CODE	SIZE
771001	½"
771002	¾"
771003	1"



F.I X F.I Gate Valve

CODE	SIZE
771601	½"
771602	¾"
771603	1"
771604	1¼"
771605	1½"
771606	2"



Inlet Control Valve Group

CODE	SIZE
771868	¾"

Pipeline & Oil Line Products



**1/2" Hose Union
Bibcock Dipped**



CODE	DESCRIPTION	BOX QTY	PACK QTY
520050	Bibcock Dipped	40	5
520090	1/2" Nut and Tail	-	-

**C x C
Isolating Valve**



CODE	SIZE	BOX QTY	PACK QTY
700047	15mm Full Bore	-	L
700048	15mm Full Bore Brass	-	L
700050	15mm Brass	-	L
700053	22mm Brass	-	L

**C x C Spring Loaded
Non-Return Valves**



CODE	SIZE	BOX QTY	PACK QTY
771940	15mm	-	-
771941	22mm	-	L
771942	28mm	-	L

**Double Check
Valves - DZR**



CODE	SIZE	BOX QTY	PACK QTY
771937	15mm	-	L

Mesh Filter



CODE	SIZE	QTY
771858	1/2"	20
771859	3/4"	10

**C x C
Export Stop Taps**



CODE	SIZE	BOX QTY	PACK QTY
771011	1/2"	60	50
771012	3/4"	30	25
771021	15mm	-	50
771022	22mm	-	25
771014	20 x 15mm	-	-
771015	25 x 15mm	-	-
771016	25 x 22mm	-	-
771008	25 x 25mm	-	-
771018	20 x 20mm	-	-

Manifolds with Isolating Valves



CODE	SIZE	NO. OF PORTS	PACK QTY
771892	¾" x ½"	2	30
771893	1" x ½"	2	50
771894	¾" x ½"	3	25
771895	¾" x ½"	4	20
771910	¾" Manifold Bracket		
771911	1" Manifold Bracket		

MI x FI Manifolds



CODE	SIZE	NO. PORTS	QTY
771914	¾" x 15mm	2	50
771915	¾" x 15mm	3	50
771916	¾" x 15mm	4	50



F x F Flexible Hose

CODE	SIZE	PACK QTY
771479	½" x ½" x 300mm	-
771480	¾" x ¾" x 300mm	-

Flexible Tap Tails for Mono Sink Mixer (Pair)



CODE	SIZE	PACK QTY
700070	10mm x 400mm	150
700071	12mm x 400mm	150
580996	Copper Tails	-

Garden Tap Kit



Kit includes;
½" Hose Union Bibtap Wall plate, 15mm x 350mm
Copper Tube, PTFE Tape 12mm x 12m x 0.075mm.
15mm x ¾" Angled Self-Cutting Washing Machine Valve,
15mm x ¾" x 500mm Braided Flexible Tap Connector.

CODE	PACK QTY
771854K	L

Wall Plate & Copper Tube



CODE	SIZE	PACK QTY
771855	½" X 14"	L
771848	½" X 24"	L
771850	15mm x 14"	L
771849	15mm x 24"	L

Brass 'Y' Strainer



CODE	SIZE
771950	22mm C x C

Self Cutting Washing Machine Valve



CODE	SIZE
700024	15mm x ¾"

Oil Line Adaptors



CODE	DESCRIPTION
771889	⅜" x ⅜"
771890	¼" x ⅜"
771891	¼" x ¼"

Oil Sight Gauges



CODE	DESCRIPTION
771886	½" outlet x 4' Lever Action
771887	½" outlet x 6' Lever Action
771880	4' Push Button
771881	6' Push Button

Oil De-Aerator / Tiger Loop

The Tiger Loop preheats the oil by absorbing heat from the boiler room and friction heat from the oil pump.



CODE	SIZE	PACK QTY
771465	¼" BSP	10

Oil Fittings

*Subject to Instantor discount



CODE	DESCRIPTION
410388	10mm/ ⅜" Straight Coupler for oil
415388	10mm/ ⅜" Elbow for oil

Flexible Oil Lines



CODE	DESCRIPTION
771466	300mm ¼"F x ¼"F Swivel, 6mm ID
771471	600mm x ¼" MI x 1/4" FI x 5mm ID
771472	600mm x ¼" MI x ⅜" FI x 6mm ID
771473	900mm x ¼" (M Elbow) x ⅜" (F)
771474	760mm x ¼" FI x ¼" MI
771478	900mm x ⅜"FI x ¼" MI

Plastic Coated Copper Coil



CODE	SIZE	PACK QTY
771475	10mm x 25m	30
771476	½" x 25m	30
771477	¾" x 25m	20

Float Valves & Accessories



Agri Ballvalve with Rectangular
Float and Adjustable Arm



750350 Float Size
L 4¼" - H 1¾" - W 2¼"

CODE	DESCRIPTION	BOX QTY
750350	½" HP - 1" Tail	50

Replacement
Levers



CODE	SIZE	DESCRIPTION
759001	6"	Lever for ½" Ballvalve
758999	8"	Lever for ½" Ballvalve
759000	10"	Lever for ½" Ballvalve

Spare Parts

CODE	DESCRIPTION	QTY
758993	½" FV Spares Kit	L
758994	Tail for 750013 (13.5mm)	L

Poly & Copper
Float Range



CODE	SIZE	DESCRIPTION	FOR BALLVALVE
755313	6" Blue	x 5/16" Whit	¾"

Warix
Flange



CODE	DESCRIPTION	QTY
759002	¾" BSP MI	L
759004	1" BSP FI	L

Sanbra Solvent Fittings & Pipe



Straight Coupler



CODE	SIZE	PACK QTY	BOX QTY
SS1001	1 ¼"	10	250
SS1002	1 ½"	10	160
SS1003	2"	10	90

Straight Reducer



CODE	SIZE	PACK QTY	BOX QTY
SS1004	1 ½" x 1 ¼"	10	380
SS1008	2" x 1 ½"	10	140
SS1010	2" x 1 ¼"	10	-

90° Tee



CODE	SIZE	BOX QTY	PACK QTY
SS18007	1 ¼"	10	70
SS18008	1 ½"	10	60
SS18009	2"	10	20

45° Branch Tee



CODE	SIZE	PACK QTY	BOX QTY
SS18001	1 ¼"	10	60
SS18002	1 ½"	10	50
SS18003	2"	10	20

90° Swept Elbow



CODE	SIZE	PACK QTY	BOX QTY
SS15001	1 ¼"	10	150
SS15002	1 ½"	10	90
SS15003	2"	10	50

45° Bend



CODE	SIZE	PACK QTY	BOX QTY
SS15004	1 ¼"	10	200
SS15005	1 ½"	10	120
SS15006	2"	10	60

90° Knuckle Bend



CODE	SIZE	PACK QTY	BOX QTY
SS15007	1 ¼"	10	300
SS15008	1 ½"	10	200

Access Cap



CODE	SIZE	BOX QTY	PACK QTY
SS19001	1 ¼"	10	190
SS19002	1 ½"	10	150
SS19003	2"	10	110

Pipe Clips



CODE	SIZE	PACK QTY	BOX QTY
SS19004	1 ¼"	-	100
SS19005	1 ½"	-	100
SS19006	2"	-	50

Waste Pipe 4m Length



CODE	SIZE	ORDER QUANTITIES
SS00001	1 ¼"	40
SS00002	1 ½"	40
SS00003	2"	20

Pallet & Mixed Pallet Quantity - 300 Lengths

Waste Traps & Pan Connectors



Multi Purpose Waste Traps & Fittings

Self Sealing Traps



CODE	OUTLET	SEAL	BOX QTY
SS2025	1 ¼"	-	10
SS2026	1 ½"	-	10

Flexible Fittings - Compression x Plain Spigot



CODE	OUTLET	SEAL	BOX QTY
SS2126	1 ¼"	-	
SS2127	1 ½"	-	

Bottle Traps



CODE	OUTLET	SEAL	BOX QTY
SS2065	1 ¼"	75mm	50
SS2066	1 ½"	75mm	50

Telescopic Bottle Traps



CODE	OUTLET	SEAL	BOX QTY
SS2067	1 ¼"	75mm	50
SS2068	1 ½"	75mm	50

Tubular Swivel P-Traps



CODE	OUTLET	SEAL	BOX QTY
SS2030	1 ¼"	75mm	100
SS2031	1 ½"	75mm	90

Telescopic P-Traps



CODE	OUTLET	SEAL	BOX QTY
SS2033	1 ¼"	75mm	50
SS2034	1 ½"	75mm	50

Multi-Purpose Waste Traps

Shallow Bath Traps



CODE	OUTLET	SEAL	BOX QTY
SS2010	1 ½"	19mm	100

Washing Machine Trap Including Standpipe



CODE	OUTLET	SEAL	BOX QTY
SS2050	1 ½"	75mm	25

Shower Trap



CODE	OUTLET	SEAL	BOX QTY
SS2020	1 ½"	50mm	45

Basket Strainer Wastes



CODE	OUTLET	BOX QTY
SS2301	1 ½" with Square Overflow	50
SS2302	1 ½" No Overflow	50

Pedestal Trap with Cleaning Eye



CODE	OUTLET	SEAL	BOX QTY
SS2000	1 ¼"	75mm	50



Double Appliance Trap

CODE	OUTLET	SEAL	BOX QTY
SS2055	1 ½" 2 Spiggot	75mm	50
SS2054	1 ½" 1 Spiggot	75mm	50

S-Traps



CODE	OUTLET	SEAL	BOX QTY
SS2039	1 ¼"	75mm	100
SS2041	1 ½"	75mm	90

Syphons, Flush & Float Valves



The skylo range of float valves is the most complete offering of float valves on the market today.

The universal valve is the only valve in the world that allows plumbers to choose the inlet position. All are WRAS approved and work on low and high pressure systems.

Bottom Entry Fill Valve



CODE	BOX QTY
SS2125	60
SS2112 (Brass Thread)	50

Dual Entry 4 in 1 Fill Valve



CODE	BOX QTY
SS2100	40
SS2101 (Brass Thread)	40

Side Entry Ball Valve



CODE	BOX QTY
SS2111	125

Dual Flush Height Adjustable Syphon



CODE	HEIGHT	BOX QTY
SS2090	7 ½" - 9 ½"	19

Bottom Entry Ball Valve (Straight)



CODE	BOX QTY
SS2110	125

3 Part Dual Height Adjustable Syphon



CODE	HEIGHT	BOX QTY
SS2091	7 ½" - 9 ½"	19

Button & Handle Dual Flush Valve

The Skylo dual flush valve gives the end user endless possibilities. It has been designed with ease of installation in mind, taking into account all different variations of cisterns. Complete with a unique universal button, taking into consideration all different cistern lid hole diameters. Product is also WRAS approved.



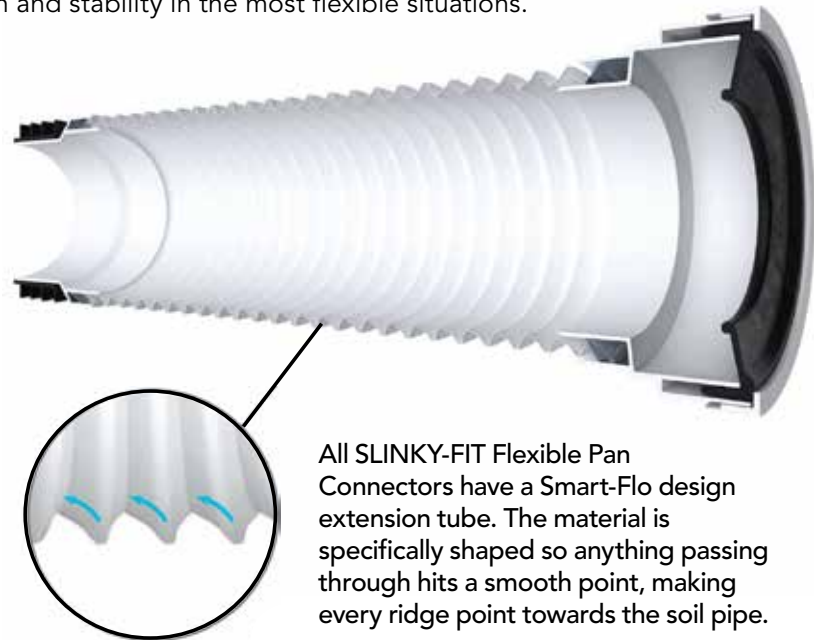
CODE	LENGTH	BOX QTY
SS2095	300mm	20

Flexible Connectors

SLINKY-FIT Flexible WC Pan Connectors

SLINKY-FIT are one of the most flexible pan connectors on the market and are wire reinforced giving them strength and stability in the most flexible situations.

All with 90-114mm inlet
All with 90-110mm outlet



All SLINKY-FIT Flexible Pan Connectors have a Smart-Flo design extension tube. The material is specifically shaped so anything passing through hits a smooth point, making every ridge point towards the soil pipe.



Flexi Pan Connector

CODE	SIZE	BOX QTY
SS2082	200 - 350mm	15
SS2080	240 - 500mm	15
SS2083	300 - 700mm	15



90° Flexible Pan Connector

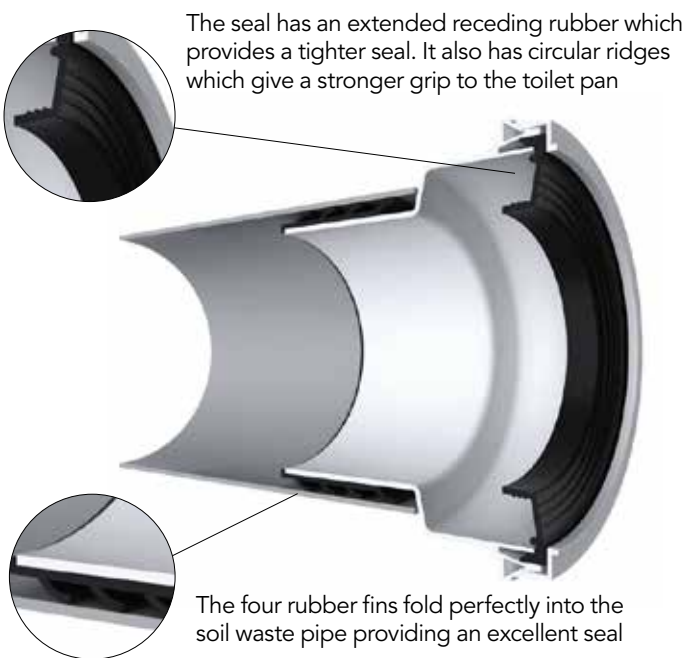
CODE	SIZE	BOX QTY
SS2084	300 - 600mm	16

Easy-Fit Rigid WC Pan Connectors

Our rigid pan connectors are made from a high quality polypropylene plastic with an excellent rubber sealing washer.

The internal rubber gasket also has a unique reseeding feature meaning the seal with the pan spigot is extremely water tight.

All with 90-114mm inlet
All with 90-110mm outlet



The four rubber fins fold perfectly into the soil waste pipe providing an excellent seal

Straight Pan Connector



CODE	SEAL	BOX QTY
SS2070	3"	45

Offset Straight Pan Connector



CODE	DESCRIPTION	BOX QTY
SS2071	20mm Offset	45

14° Angle Pan Connector



CODE	DESCRIPTION	BOX QTY
SS2073	14° Angle	45

Swan Neck Pan Connector



CODE	SEAL	BOX QTY
SS2085	3"	16

90° Pan Connector (Long)



CODE	BOX QTY
SS2077	16

Extended Pan Connector



CODE	BOX QTY
SS2072	30

90° Pan Connector



CODE	BOX QTY
SS2075	25

90° Pan Connector 1 1/4" Adaptor



CODE	BOX QTY
SS2076	25

VIVA Spares
& Accessories

CODE	VIVA REF	DESCRIPTION
SS2400	UNI/SD	Skylo Unifill Diaphragm Washer
SS2401	PP00/D	Skylo Bottom Entry Diaphragm Washer
SS2430	PP0028/A	Straight Toilet Pan Fixing Kit Chrome
SS2431	PP028/AW	Straight Toilet Pan Fixing Kit White
SS2115	SKY100	Skylo Spare Washer Pack
SS2303	PP0030	1 ½" Close Couple Kit
SS2116	SKYCP01	Skylo Dual Entry Cistern Component Pack
SS2117	PP0008E	Skylo Toilet Handle Kit
SS2118	PP0008/LA	Skylo Cistern Lever Arm
SS2119	SKY096	Skylo Cistern Accessory Pack
SS2120	PP0021	Viva Skylo Bolt Through Kit
SS2121	PP0025	Viva Wall Mounted Basin Fixing Kit M8
SS2122	PP0025/A	Viva Wall Mounted Basin Fixing Kit M10
SS2432	PP0028	Viva Angled Floor Toilet Pan Fixing Kit M8
SS2102	UNI/SB	Uni Button (For Skylo Flush Valves)
SS2092	AS01/CL	C Link Connector Pack
SS2123	SKY005	Viva Skylo Dual Flush Valve
SS2124	SKY015	Viva Skylo Dual Flush Valve Long Cable Type



Sanbra®
Expansion Vessels



Vessels - Heating

- Galvanised Carbon Steel Flange
- WRAS Approved Material EPDM Bladder

CODE	SIZE	MOUNTING
710515	2L - Vertical	-
710420	8L - Vertical	Bracket*
710421	12L - Vertical	Bracket*
710422	19L - Vertical	Bracket*
710423	24L - Vertical	Bracket*
710424	36L - Vertical	Bracket*
710425	50L - Vertical	Fixed
710445	80L - Vertical	Fixed
710450	100L with gauge - Vertical	Fixed
710526	Mounting Bracket	-

Vessels - Potable

- Stainless Steel 304 Flange
- WRAS Approved Material EPDM Bladder

CODE	SIZE	MOUNTING
710515	2L - Vertical	-
710427	8L - Vertical	Bracket*
710428	12L - Vertical	Bracket*
710429	19L - Vertical	Bracket*
710455	24L - Vertical	Bracket*
710456	36L - Vertical	Bracket*
710448	80L - Vertical	Fixed
710449	100L with gauge - Vertical	Fixed
710452	200L - Vertical	Fixed
710453	300L - Vertical	Fixed
710454	500L - Vertical	Fixed
710408	24L - Horizontal	Fixed
710409	50L - Horizontal	Fixed
710410	80L - Horizontal	Fixed
710411	100L - Horizontal	Fixed

***Mounting Bracket is included with Heating & Potable Water Vessels from 8L to 36L.**
Vessels must be supported using the bracket provided (up to 36L) or suitable support structure, failure to do so will affect the products warranty.



Expansion Vessels and Sealed System Kit

- Kit Includes;
- Cross Manifold
 - Filling Loop
 - ½" Safety Valve (3 bar)
 - Pressure Gauge (¼" 0-10 Bar)
 - Mounting Bracket

CODE	SIZE
771737K	Sealed System Kit Only
771738	Cross Manifold Fitting Only
710420K	Kit Plus 8L Vessel
710421K	Kit Plus 12L Vessel
710422K	Kit Plus 19L Vessel
710423K	Kit Plus 24L Vessel
710424K	Kit Plus 36L Vessel
710425K	Kit Plus 50L Vessel
710450K	Kit Plus 100L Vessel

Radial Expansion Vessels

CODE	SIZE	PRE-CHARGE	MAX PRESSURE
710557	10L	1 Bar	3 Bar
710552	12L	1 Bar	3 Bar
710558	14L	1 Bar	3 Bar
710553	18L	1 Bar	3 Bar



Rectangular Expansion Vessels

CODE	SIZE	PRE-CHARGE	MAX PRESSURE
710554	8L	1 Bar	3 Bar
710561	10L	1 Bar	3 Bar
710562	12L	1 Bar	3 Bar

Solar Expansion Vessels

CODE	SIZE	PRE-CHARGE	MAX PRESSURE
774422	19L	2.5 Bar	10 Bar
774423	24L	2.5 Bar	10 Bar
774424	35L	2.5 Bar	10 Bar

- Solar Expansion Vessels features include;
- Membrane suitable for temperatures up to 130°C
 - Stainless steel flange cover





Sanbra[®]
Controls



Motorised Valves with Detachable Heads CxC

- NSAI Approved Irish Instantor[®] nuts and rings
- CW617N Brass body
- Detachable, Quick Release Head
- Detachable Plug-in Cable
- LED Power indicator
- Imperial and metric sizes
- Five year warranty

CODE	SIZE	NO. OF PORTS
619120K	¾"	2 Port
619122K	1"	2 Port
619124K	22mm	2 Port
619126K	28mm	2 Port
619130B	Detachable Head Only	

2
YEAR
WARRANTY

Technical Specifications

CODE	SIZE	CABLE	FLOW RATE	POWER SUPPLY	FUSE/AUX. SWITCH RATING	MAX. CLOSE OFF PRESSURE	FAIL MODE	WATER TEMP	WARRANTY
619120	¾" 2 Port CxC	1 Metre 5 Core	4.3m ³ /hr	220-240VAC 50/60Hz 5W	3.0A 250VAC	1.0 bar	Normally closed	5°C to 88°C	2 YEARS
619122	1" 2 Port CxC	1 Metre 5 Core	6.8m ³ /hr	220-240VAC 50/60Hz 5W	3.0A 250VAC	0.6 bar	Normally closed	5°C to 88°C	2 YEARS
619124	22mm 2 Port CxC	1 Metre 5 Core	4.3m ³ /hr	220-240VAC 50/60Hz 5W	3.0A 250VAC	1.0 bar	Normally closed	5°C to 88°C	2 YEARS
619126	28mm 2 Port CxC	1 Metre 5 Core	6.8m ³ /hr	220-240VAC 50/60Hz 5W	3.0A 250VAC	0.6 bar	Normally closed	5°C to 88°C	2 YEARS



Conforms to: EN 60204-1:2006+A1:2009
Low Voltage Directive 2006/95/EC
EN 61000-6-3:2007+A1:2011

EN 61000-6-1:2007
Electromagnetic Compatibility Directive
2004/108/EC



Cylinder Thermostat / Pipe Thermostat

CODE	PACK QTY
771836	10

Elemex®

Domestic Heating Solutions



Conforms to:
EN 60335-1:2002
EN 60335-2-73:2003



Dual immersion heaters are exclusively used in vertical orientation domestic water cylinders. Dual heaters work in conjunction with a "sink/bath" switch, with a short element used to heat smaller quantities of water, and the longer one to heat the cylinder to the length of the element, i.e. 24", 27" etc. Heaters are pre-wired, and have either a 1m or 2m 4 core high temperature flexible cable fitted. All heaters are fitted with a control thermostat pre-set at 65°C and an externally resettable high limit cut-out to prevent the water reaching 98°C (in accordance with IS/EN60335-2-73)

Copper: Suitable for normal water areas
Incoloy: Suitable for normal to hard water
Titanium: Suitable for extreme use cases and available on request

Copper - Standard Range External Reset Button



CODE	THREAD SIZE	LENGTH	RATING	CABLE LENGTH
SIHD18ER	2 1/4" BSP	18"	2 / 2.85kW	1m
SIHD24ER	2 1/4" BSP	24"	2 / 2.85kW	1m
SIHD24ER/2	2 1/4" BSP	24"	2 / 2.85kW	2m
SIHD27ER	2 1/4" BSP	27"	2 / 2.85kW	1m
SIHD36ER	2 1/4" BSP	36"	2 / 2.85kW	1m

Incoloy - Premium Range External Reset Button



CODE	THREAD SIZE	LENGTH	RATING	CABLE LENGTH
SPID24ER1	2 1/4" BSP	24"	2 / 2.85kW	1m
SPID27ER1	2 1/4" BSP	27"	2 / 2.85kW	1m
SPID36ER1	2 1/4" BSP	36"	2 / 2.85kW	1m

Single element immersion heaters are used in mainly horizontal orientation in domestic water cylinders. All heaters are fitted with a control thermostat pre-set at 65°C and a resettable high limit cut-out to prevent the water reaching 98°C (in accordance with IS/EN60335-2-73) We offer heaters in several thread sizes, to fit all commonly used water cylinders, and in three different sheath materials, to suit various water qualities.

Copper: Suitable for normal water areas
Incoloy: Suitable for normal to hard water
Titanium: Suitable for extreme use cases and available on request

Copper

*Internal Reset Button



CODE	THREAD SIZE	LENGTH	RATING	MOUNTING
WH2B	2 1/4" BSP	11"	2.85kW	Horizontal

Incoloy

*Internal Reset Button



CODE	THREAD SIZE	LENGTH	RATING	MOUNTING
SWH38/UV/825	1 1/2" BSP	14"	2.85kW	Horizontal
WH38/UV	1 1/2" BSP	11"	2.85kW	Horizontal
SWH61	1 3/4" BSP	14"	2.85kW	Horizontal
WH61	1 3/4" BSP	11"	2.85kW	Horizontal
BIS11E	2 1/4" BSP	11"	2.85kW	Horizontal

Titanium

*Internal Reset Button



CODE	THREAD SIZE	LENGTH	RATING	MOUNTING
WH38/UVT	1 1/2" BSP	11"	2.85kW	Horizontal
WH60T	1 3/4" BSP	11"	2.85kW	Horizontal

The Economiser (Willis) Heater:
For fast, economical domestic hot water

The **ELEMEX** Economiser is a compact, inexpensive unit designed to heat water quickly. It is intended for everyday domestic use, where relatively small quantities of hot water are required, for example: showers, dish washing, hair washing, etc.

The Economiser consumes no more power than a standard immersion heater, but saves on electricity by heating only the amount of water that you require.

The Economiser is fitted externally to the main hot water cylinder. Easy, user-friendly installation ensures the minimum of mess and disruption.



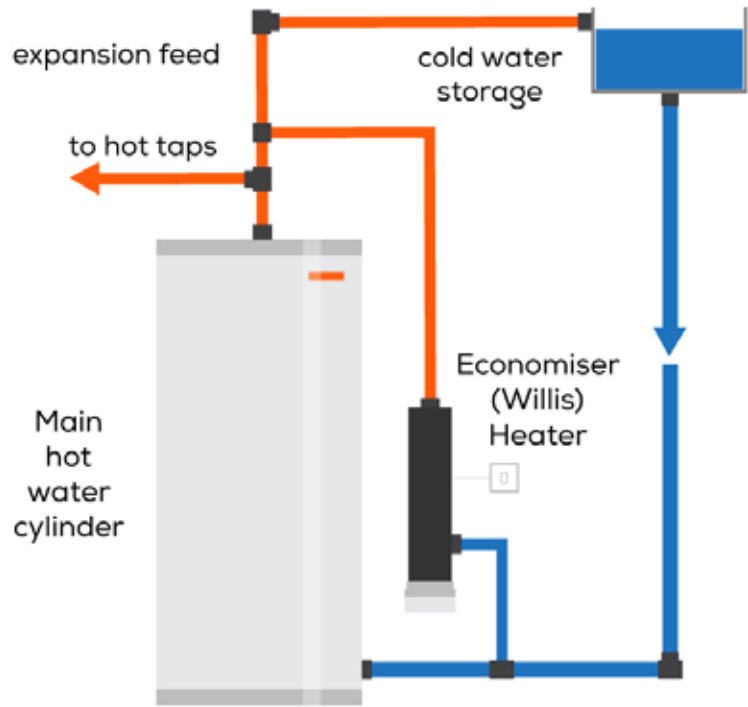
Typical use times:
Shower: 10 minutes
Dish Washing: 5 minutes
Hair Washing: 5 minutes

Economiser (Willis)

CODE	THREAD SIZE	LENGTH	RATING	MOUNTING
SWILLIS	2 1/4" BSP	11"	2.85kW	Vertical

The unit comes pre-wired with a 1m flex cable

How it works



The Economiser is fitted in parallel to the main domestic hot water cylinder and heats the water from the top down. So, for a shower (typical requirement – 35 litres @ 40°C), the Economiser will heat only the top 35 litres of the cylinder in about 10 minutes, and the unit should then be switched off.

For maximum efficiency we recommend that the Economiser be fitted in conjunction with a timer (such as the **ELEMEX** T1). This will ensure that the heater is switched off after the required time. You can then set it and forget it.

Rod thermostats are available in two main types: > Control only > Combination Control & Cut-Out

Both are used in domestic immersion heaters, and are made in three stem lengths (measured underneath the head) of 7" (178mm), 11" (279mm), and 18" (457mm). Both have 7.5mmØ stems, designed to fit into a 5/16" (7.9mm) i.d tube. The control thermostats are factory pre-set at 60°C and should be used in conjunction with a separate over-temperature device in domestic applications. The combination types have two separate sets of contacts, one adjustable and one factory set, giving a one piece compliance with IS/EN 60335-2-73.

Control Only

7.5mm Stem Diameter



CODE	STEM LENGTH	RANGE °C	PRE-SET °C	CUT-OUT °C	CURRENT RATING
WH14	7"	40-80°C	60°C	N/A	15A
WH15	11"	40-80°C	60°C	N/A	15A
WH16	18"	40-80°C	60°C	N/A	15A

Control & Cut-Out

7.5mm Stem Diameter



CODE	STEM LENGTH	RANGE °C	PRE-SET °C	CUT-OUT °C	CURRENT RATING
WH14CH	7"	0-65°C	N/A	89°C	16A
WH15CV	11"	0-65°C	N/A	89°C	16A
WH16CV	18"	0-65°C	N/A	89°C	16A

Control & Cut-Out Misc Replacement Stats

6mm Stem Diameter



CODE	STEM LENGTH	RANGE °C	PRE-SET °C	CUT-OUT °C	CURRENT RATING
TSE	11"	10-70°C	N/A	80°C	16A
WH15RTS	11"	10-70°C	N/A	90°C	16A
WH15TT	11"	10-65°C	N/A	75°C	16A

We offer a comprehensive range of accessories for the installation and control of our immersion heaters.

- All immersion heaters will require a gasket or 'O' ring, and while these are supplied with the heater kit as standard, spares or replacements will often be needed.
- Most of our domestic heaters are installed in water cylinders with a pre-fitted threaded entry, but where it is necessary to fit a heater through a plain hole in a vessel wall, we offer flanges and backnuts for all common sizes.
- Vertically mounted immersion heaters generally have an 86mm A/F hex flange, larger than most adjustable wrenches can accommodate, and we offer low cost spanners to aid fitting, allowing uniform tightening without distorting the head or receptacle.
- Our heater timer provides a low cost means of short burst water heating, and eliminates the perennial problem of "forgetting to turn off the immersion", thus providing dramatic savings in running costs.

Gaskets



CODE	SIZE	DIMENSIONS (mm)
WH10B	1½" BSP	49 x 71 x 2
WH10C	1¾" BSP	53 x 77 x 2
WH10/1	2¼" BSP	66 x 82 x 2

Backnuts

For fitting to an open topped or accessible vessel



CODE	SIZE	DIMENSIONS (mm)
044005	1½" BSP	-
BN24	2¼" BSP	-

Plugs



CODE	SIZE	DIMENSIONS (mm)
074006	1¾" BSP	-
920100	2¼" BSP	-

'O' Rings



CODE	SIZE	DIMENSIONS (mm)
G024	1½" BSP	37 x 43 x 3
G020	1¾" BSP	49 x 56 x 3.5
G022	2¼" BSP	60 x 67 x 3.5

2 Part Flange

For fitting to a closed vessel from the outside



CODE	SIZE	DIMENSIONS (mm)
WH11	2¼" BSP	-

Spanners



CODE	SIZE	TYPE
900032	86mm A/F	Flat

Immertec®

Immersion Heaters



Conforms to:
EN 60335-1:2002
EN 60335-2-73:2003



IMMERTEC®



Dual Element Copper Immersion Heaters with 1m / 2m Fitted Cable

CODE	LENGTH	CABLE	STATS	PACK QTY
710530K	24"	1M	1	20
710531K	27"	1M	1	20
710532K	36"	1M	1	12
710543K	24"	2M	1	20
710544K	27"	2M	1	20
710546K	36"	2M	1	12



Single Element Copper Immersion Heaters with 1m / 2m Fitted Cable to EN60335-2-73

CODE	LENGTH	CABLE	STATS	ELEMENT	PACK QTY
710536K	11"	1M	1	Single	20
710547K	11"	2M	1	Single	20
710457K	11"	No Cable	1	Single	20
710458K	18"	No Cable	1	Single	20
710459K	27"	No Cable	1	Single	20



Dual & Single Incoloy Immersion Heaters with 2m Fitted Cable

CODE	LENGTH	CABLE	STATS	ELEMENT	PACK QTY
710548K	11"	2M	1	Single	20
710537K	24"	2M	1	Dual	20
710542K	27"	2M	1	Dual	20
710538K	36"	2M	1	Dual	12

All Dual Heaters are also available in Incoloy Sheathed elements. Guaranteed for 3 years.



Replacement Thermostat

CODE	LENGTH	MATERIAL	PACK QTY
710441	7"	Copper	10
710442	11"	Copper	10
710440	18"	Copper	10



All Copper Immertec products are CE approved and conform to:
EN60335-1:2002 & EN60335-2-73:2003

The Economiser Rapid Heater



CODE	SIZE
920120K	Mini Copper Cylinder Complete
920121	Can only

Immersion Heater Plugs



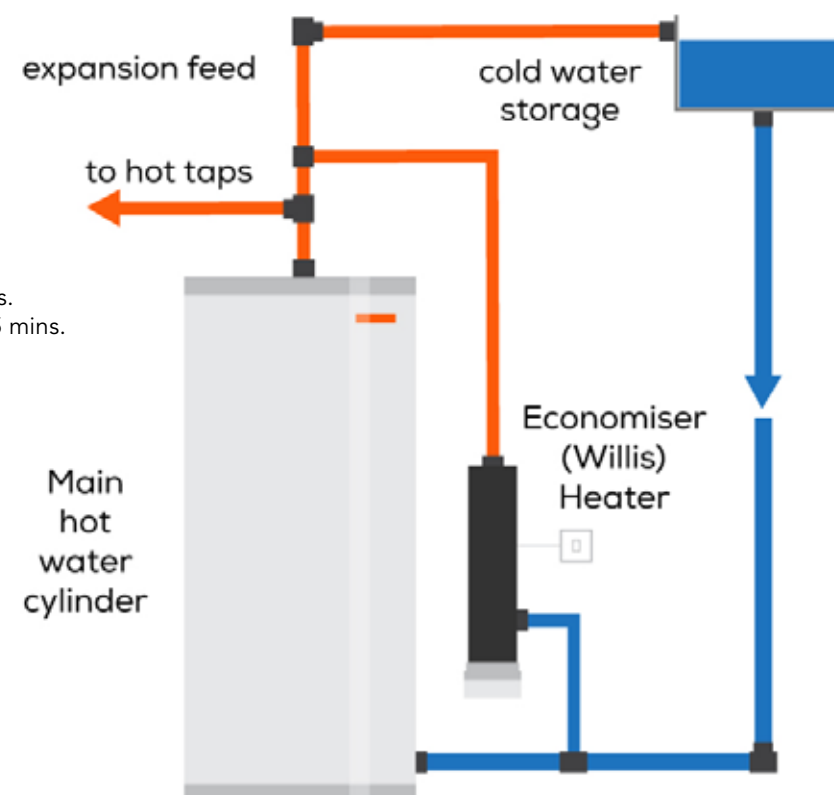
CODE	LENGTH	BOX QTY
920100 PK	2 1/4"	2000
710540	Immersion heater plug washer	2000

How The Economiser Heater Works

An Economiser Rapid Water Heater can heat approx. 4.5L of water every 5 mins.

- For a shower = pre-heat for 10/15 mins.
- For dishes, shaving etc = preheat for 5 mins.

Not Recommended for use in Hard Water Areas



ARISTON



Andris RS - Electric Instantaneous Water Heater

- Super compact water heater
- Wall-hung electric storage water heater can be installed over or under the sink.
- Available in 10,15 & 30L
- 5 Year Warranty against tank leakage
- Titanium enamelling for greater protection
- External temperature regulation
- Ecological polyurethane insulation
- Glass lined inner tank tested at 16 bar
- Oversized magnesium anode
- Pressure safety valve tested at 8 bar

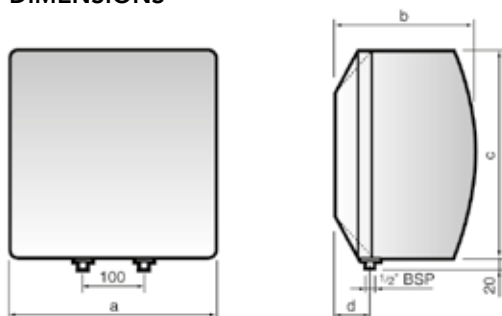
CODE	REF	SIZE	
710503	3100363	10L Under Sink	
710502	3100368	15L Under Sink	
710505	3100371	30L Over Sink	



TECHNICAL DATA

CODE	710503	710502	710505
Ref	3100363	3100368	3100371
Capacity	10L	15L	30L
Installation	Undersink	Undersink	Oversink
Power	1.2kW	1.2kW	1.2kW
Voltage	230 V	230 V	230 V
Heating Time ($\Delta T=45^{\circ}\text{C}$)	29mins	44mins	70mins
Heat Dispersion at 65°C	0.55 kWh/24h	0.65 kWh/24h	0.61 kWh/24h
Max Working Pressure	8 bar	8 bar	8 bar
Max Working Temperature	80°C	80°C	80°C
Weight	6.6kg	7.4kg	12.8kg
Protection	IPX1	IPX1	IPX1

DIMENSIONS



CODE		A	B	C	D
710503	10L U/S	350mm	255mm	350mm	90mm
710502	15L U/S	350mm	300mm	350mm	80mm
710505	30L O/S	440mm	365mm	440mm	110mm

Andris Lux - Electric Storage Water Heater

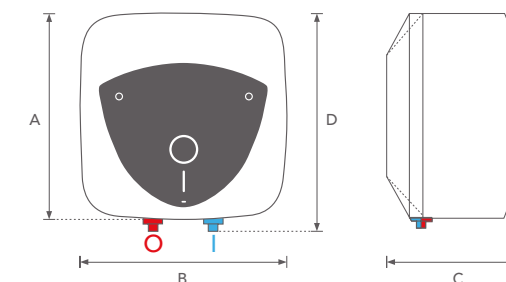
- Easy to operate with mechanical dial
- "E" setting on the dial to optimise comfort and energy saving
- Titanium enamelled tank and 4-bolt flange for robustness durability
- Heating lamp to show the heating cycle is in process
- Installation in 10 easy steps
- 3 Year Warranty

CODE	REF	SIZE	
710501	3626292	6L Undersink	

TECHNICAL DATA

CODE	710501
Ref	3626292
Capacity	6L
Installation	Undersink
Power	1.5kW
Type	Unvented
ErP Class	B
Heating Time	15mins
Heat Loss 65°C (kWh)	0.42
Tapping Profile	XXS
Weight	5.1kg

DIMENSIONS



CODE		A	B	C	D
710501	6L U/S	315mm	315mm	250mm	330mm

Andris Lux Eco - Electric Storage Water Heater

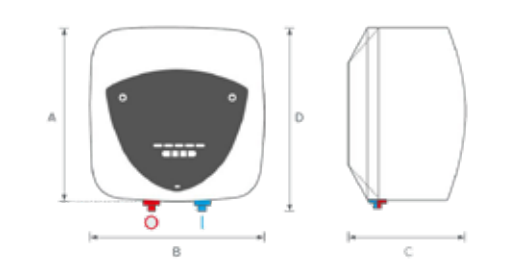
- 'A' Class ErP rating across all models
- Front facing electronic temperature control 'Eco Evo' function - save up to 15% on your energy bills
- Anti-legionella function for total peace of mind
- Modern, cutting edge and premium design
- 4 year warranty

CODE	REF	SIZE	
710510	3100718	10L Under Sink	
710511	3100722	15L Under Sink	

TECHNICAL DATA

CODE	710510	710511
Ref	3100718	3100722
Capacity	10L	15L
Installation	Undersink	Undersink
Power	2.5 kW	2.5kW
Type	Unvented	Unvented
ErP Class	A	A
Heating Time	14mins	21mins
Heat Loss 65°C (kWh)	0.71	0.75
Tapping Profile	XXS	
Weight	6.7kg	7.5Kg

DIMENSIONS



CODE		A	B	C	D
710510	10L U/S	360mm	360mm	294mm	385mm
710511	15L U/S	360mm	360mm	342mm	385mm



PRO1 ECO - ELECTRIC STORAGE WATER HEATER

- WaterPlus technology for up to 16% more hot water availability
- Reduce energy bills by 14% with "Eco Evo" function
- Anti-legionella and ABS safety system
- Titanshield technology for optimal tank protection
- T-MA function to face unexpected hot water needs
- Must be installed with unvented kit
- 5 Year Warranty

CODE	REF	SIZE	
710506	3201491	50L Over Sink	
710508	3201492	80L Over Sink	
710509	3201493	100L Over Sink	

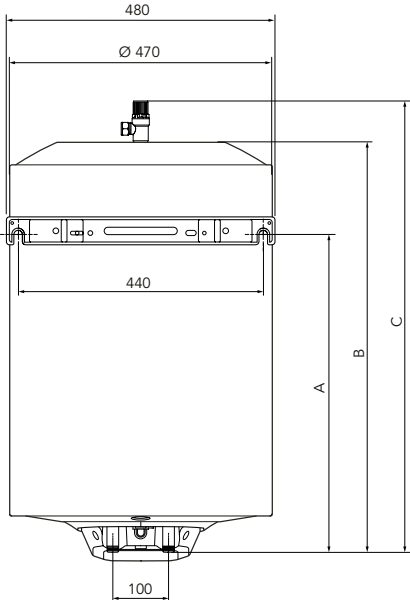
TECHNICAL DATA

CODE	710506 - 50L	710508 - 80L	710509 - 100L
Ref	3201491	3201492	3201493
Installation	Vertical	Vertical	Vertical
Power	3 kW	3 kW	3 kW
Voltage	230 - 240 V	230 - 240 V	230 - 240 V
Max Working Temperature (°C)	65	65	65
Heat-Up Time (ΔT=45°C)	60mins	97mins	128mins
Heat Dispersion at 65°C	0.92kWh/24h	1.25kWh/24h	1.43kWh/24h
V40 (Litres)	65	92	130
IP Protection	IPX3	IPX3	IPX3
ErP Class	B	B	B
ErP Tapping Profile	M	M	M
Weight When Empty (Kg)	17	22	26
Weight When Full (Kg) Heat	66	97	121
Heat Loss (kWh/24h)	0.917	1.253	1.434
Minimum Inlet Pressure (Rated Pressure)	12 bar	12 bar	12 bar
Maximum Design Pressure	6 bar	6 bar	6 bar
Set Operating Pressure Expansion Valve	6 bar	6 bar	6 bar
Pressure of the Expansion Vessel (bar)	3.5	3.5	3.5
Set Opening T&P Relief Valve (bar)	7	7	7
Capacity	49	75	95



DIMENSIONS

CODE		A	B	C
710506	50L	365mm	531mm	605mm
710508	80L	570mm	736mm	810mm
710509	100L	722mm	888mm	962mm



VELIS EVO - VELIS EVO WIFI - ELECTRIC STORAGE WATER HEATER

VELIS EVO

- Twin tank technology providing 16% more hot water
- Ultra slim - only 27cm deep
- "Eco Evo" function
- Best in class ErP rating
- Anti-legionella and ABS safety system
- Shower ready alerts on screen
- Fast re-heat times, shower ready in 50 minutes
- Must be installed with supplied unvented kit
- 5 Year Warranty



VELIS EVO WIFI

- Twin tank technology providing 16% more hot water
- Ultra slim - only 27cm deep
- "Eco Evo" function
- Best in class ErP rating
- Anti-legionella and ABS safety system
- Shower ready alerts on screen
- Fast re-heat times, shower ready in 50 minutes
- Must be installed with supplied unvented kit
- 5 Year Warranty



CODE	REF	SIZE	
710570	3626305	45L	
710571	3626306	80L	

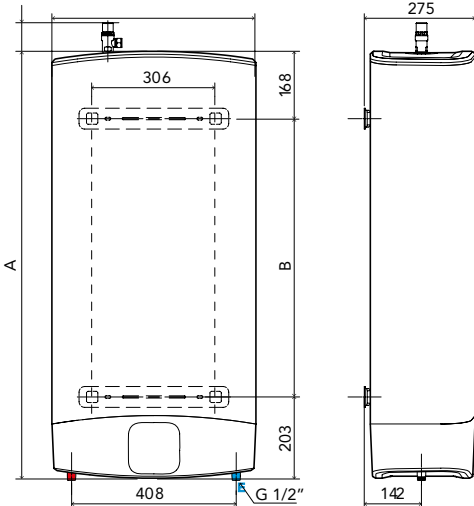
CODE	REF	SIZE	
710572	3626307	45L	
710573	3626308	80L	

TECHNICAL DATA

	VELIS EVO		VELIS EVO WIFI	
Code	710570 - 45L	710571 - 80L	710572 - 45L	710573 - 80L
Ref	3626305	3626306	3626307	3626308
Installation	Vertical	Vertical	Vertical	Vertical
Power	1.5/1.5 kW	1.5/1.5 kW	3/3 kW	3/3 kW
Voltage	220 - 240 V	220 - 240 V	230 - 240 V	230 - 240 V
Frequency (Hz)	50/60	50/60	50/60	50/60
V40 (L)	77	115	77	115
IP Protection	IPX4	IPX4	IPX4	IPX4
Max Working Temp (°C)	65	65	65	65
ErP Rating	B	B	B	B
Tapping Profile	M	M	M	M
Aqua Ariston Net Compatibility	No	No	Yes	Yes
Heating Times (ΔT=45°C)	1h	1h52m	29m	1h32m
Standing Losses (kWh/24) @65 °C	0.96	1.32	0.96	1.32

DIMENSIONS VELIS EVO & VELIS EVO WIFI

SIZE	A	B
45L	776mm	405mm
80L	1251mm	880mm



SANKEL®

Chemical Treatments





Sankel Inhibitor

Gives longer protection to central heating systems.

- Double Concentrate
- Prevents limescale
- Reduces corrosion
- Extends system life
- Reduces fuel bills
- Increases efficiency
- Prevents cold spots



CODE	SIZE	BOX QTY
771125	0.5 litre	12

Sankel System Restorer

Ruthlessly eliminates magnetite from system.

- Double Concentrate
- Restores circulation
- Use in all systems
- Prepares for new pump installation
- Does not cause pin holing



CODE	SIZE	BOX QTY
771129	0.5 litre	12

Sankel Silencer

Helps reduce system and boiler noise.

- Double Concentrate
- Reduces system noise
- Improves heat transfer efficiency
- Compatible with Inhibitor
- Environmentally friendly
- Can be left in system permanently



CODE	SIZE	BOX QTY
771128	0.5 litre	12

Sankel Cleaner

Quick and effective neutral cleaner suitable for all boiler types.

- Double Concentrate
- Removes sludge
- Cleans flux residues
- Easy to use
- Compatible with all metals
- Non hazardous



CODE	SIZE	BOX QTY
771124	0.5 litre	12

Sankel Leak Sealer

Seals small difficult to access leaks.

- Double Concentrate
- Ideal to reduce pressure loss
- Seals most weeps and small leaks
- Saves costly drain downs
- No blockages on pumps



CODE	SIZE	BOX QTY
771126	0.5 litre	12

Sankel Power Flush

Cleans out system thoroughly.

- Double Concentrate
- Removes 'cold spots'
- Cleans system thoroughly
- Attacks stubborn and built up sludge
- Works with all Powerflush machines



CODE	SIZE	BOX QTY
771127	0.5 litre	12

Sankel Enersave

Heating System Improver.

- Double Concentrate
- Improves heat transfer efficiency
- Radiators heat up quicker
- Saves energy



CODE	SIZE	BOX QTY
771131	0.5 litre	12

Heavy Duty Drain Cleaner



CODE	SIZE	BOX QTY
771037	1 litre	10

Sankel Magnetic Central Heating Filter

Prevents breakdown in domestic central heating systems by identifying and retaining magnetite & non ferrous debris

CODE	SIZE
771201K	¾"
771202K	1"
771203K	22mm
771204K	28mm



Sankel Mini Magnetic Central Heating Filter

CODE	SIZE
771209K	¾"
771210K	22mm





Sanbra®

Underground
Products



Self-Tapping Saddles



CODE	MAIN PIPE	BRANCH PIPE
542701	63mm	20mm (1/2")
542702	63mm	25mm (3/4")
542704	90mm	20mm (1/2")
542705	90mm	25mm (3/4")
542707	110mm	20mm (1/2")
542708	110mm	25mm (3/4")
542710	160mm	20mm (1/2")
542711	160mm	25mm (3/4")
542713	180mm	20mm (1/2")
542714	180mm	25mm (3/4")



CODE	SIZE	BOX QTY
542721K	2" x 1/2" for Poly.	20
542731K	3" x 1/2" for Poly.	15
542741K	4" x 1/2" for Poly.	15
542761K	6" x 1/2" for Poly.	10

CODE	SIZE	BOX QTY
542623	2" x 3/4" for Poly.	15
542633	3" x 3/4" for Poly.	15
542643	4" x 3/4" for Poly.	12
542663	6" x 3/4" for Poly.	10

BSP Male Ended Saddles

CODE	SIZE	BOX QTY
542422K	2" x 3/4"	15
542432K	3" x 3/4"	15
542442K	4" x 3/4"	16
542462K	6" x 3/4"	12

Stopcocks

BS1010 Stopcock
Male B.S.P.



CODE	REF	SIZE	BOX QTY
540100	150	3/4"	20
540150	150	1"	10

Gunmetal Adaptors

CODE	SIZE	BOX QTY
540322	3/4" FI x C 312 in Gunmetal	10
540323	3/4" FI x C 381 in Gunmetal	10

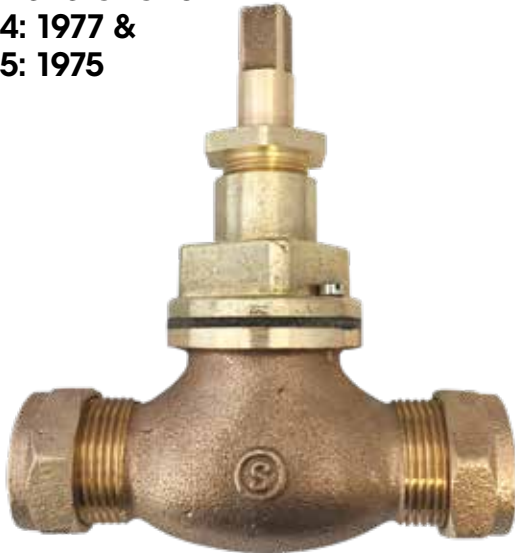
Gunmetal Accessories

CODE	SIZE	BOX QTY
540325	3/4" nut in Gunmetal	50
540326	3/4" Copper Ring	100
540330	1" Copper Ring	-

Banjos

CODE	SIZE
542421	3/4" BSP
540328	3/4" Copper Nut & Tail
540327	1" Copper Nut & Tail

Stopcock for
Polythene CxC to
IS 134: 1977 &
IS 135: 1975



CODE	REF	SIZE	BOX QTY
540200	150	1/2"	20
540250	150	3/4"	20

Plumbing Tools & Accessories



PTFE Tape



CODE	DESCRIPTION	BOX QTY
771049	0.3g/cm3, 0.075mm x 12mm x 10mm	250
771050	Gas PTFE Tape	250

Hemp 200g



CODE	BOX QTY
771035	24

Wire Wool



CODE	BOX QTY
771036	12

Fire Cement

CODE	DESCRIPTION	BOX QTY
771033	Colour black	12



Pipe Lubricant

CODE	DESCRIPTION	BOX QTY
771034	1 Litre	12



Gel PVC Cement



CODE	DESCRIPTION	BOX QTY
771032	250ml	24

Vortex Pro Brazing Torch

CODE	QUANTITY
771369	1



Brazing Torch Pack

CODE	DESCRIPTION
771342	Incl. 3 burner tubes & 450g MAP-EX Gas Cylinder
771343	Incl. 3 burner tubes & 400g Propane Gas Cylinder



Gas Cylinder

CODE	DESCRIPTION
771341	Mix Pro Gas/Map-X 450g VG1
771345	Propane/Butane Gas 400g VG2



Vortex Solder Mat

CODE	DESCRIPTION
771370	600g Vortex Solder Mat 10" x 10"



Silicone Spray

CODE	DESCRIPTION
771346	Silicone Spray 400ml



Arctic Spray

CODE	DESCRIPTION
771305	Arctic Spray Can 200ml 8-15mm ZE1
771306	Arctic Sprasy Can 415ml 8-28mm AS2



Sleepsafe Carbon Monoxide Alarm

CODE	DESCRIPTION
771347	Sleepsafe CO Alarm Sealed Battery 10 Year



Silweld Silicone Repair Tape

CODE	DESCRIPTION
771368	Silweld Silicone Repair Tape



Hayes Holdtite Flat Tap

CODE	DESCRIPTION
771353	1/2" - 5 Pack
771354	3/4" - 5 Pack
771355	3/8" - 5 Pack



Oval Syphon Diaphragm

CODE	DESCRIPTION
771356	5 Pack



Round Syphon Diaphragm Washer

CODE	DESCRIPTION
771357	4 1/2" - 5 Pack



Braided Glass Yarn

CODE	DESCRIPTION
771363	6mm x 5m
771364	6mm x 10m
771365	10mm x 5m
771366	10mm x 10m
771367	12mm x 5m



Basin Poly Washer

CODE	DESCRIPTION
771348	1 1/4" - 5 Pack



Sink Poly Washer

CODE	DESCRIPTION
771349	1 1/2" - 5 Pack
771350	1 1/4" - 5 Pack



Poly Pillar Tap Washer

CODE	DESCRIPTION
771351	1/2" - 5 Pack
771352	3/4" - 5 Pack



Shower Hose Washer

CODE	DESCRIPTION
771358	1/2" - 5 Pack



Flexible Tap Connector Washer

CODE	DESCRIPTION
771359	1/2" - 10 Pack
771360	3/4" - 10 Pack



Fibre Pump Washer

CODE	DESCRIPTION
771361	2 Pack



Ballvalve Diaphragm Washer

CODE	DESCRIPTION
771362	1 1/4" - 5 Pack



Radiator Key Clock Type

CODE	BOX QTY
771093	L



Radiator Keys

CODE	BOX QTY
771092	L



Chrome Radiator Extension Piece



CODE	SIZE	PACK QTY
770982	20mm	25
770983	25mm	25
770984	30mm	25
770985	40mm	25
770986	50mm	10
770987	60mm	10
770988	80mm	10
770995	100mm	10

076 Instantor® Spanners



CODE	SIZE
900010	½" x ¾" Spanner
900020	1" Spanner

Standard Basin Spanner

CODE
771080



Swivel Basin Spanner



CODE
771081

Pipe Reamer



CODE	SIZE	BOX QTY
IP20010	16mm – 26mm	40
IP20011	20mm – 32mm	30

General Spanners

CODE	SIZE
900032	Immersion crank-type spanner



Pipe Cutter

CODE	SIZE	BOX QTY
IP20016	Up to 32mm	
IP20009	Up to 63mm	



Copper Tube Cutter



CODE	DESCRIPTION
900115	Pipe slice ½" copper tube cutters
900121	Pipe slice ¾" copper tube cutters
900123	Pipe slice 1" copper tube cutters
900122	Pipe slice 22mm copper tube cutters
900117	Pipe slice 28mm
900124	Spare Cutting Wheel



Pipe Support Brackets



Talon Single Hinged Snap-Over Clips



CODE	SIZE	PACK QTY
695110T	15mm	100
695120T	22mm	100
695130T	28mm	100

Talon EZ Joist Clips



CODE	SIZE	PACK QTY
695201T	15mm	100
695202T	22mm	100

Talon Flex Hinge Snap-Over Clips



CODE	SIZE	PACK QTY
695131T	15mm - 16mm	100
695133T	19mm - 21mm	100
695135T	25mm - 27.4mm	100
695137T	31.08mm - 35mm	100

No.2 Galvanized Steel Clips



CODE	SIZE	PACK QTY
621000PK	3/8"	100
621010PK	1/2"	100
621020PK	3/4"	100
621030PK	1"	100
621040PK	1 1/4"	100
621050PK	1 1/2"	50
621060PK	2"	50

No.16 Saddle Bands



CODE	SIZE	PACK QTY
662302PK	15mm	100
662300PK	22mm	100
662301PK	28mm	100

No.36 Cast Brass Screw-On Brackets



CODE	SIZE	PACK QTY
673010PK	15mm	100
673020PK	22mm	50
673030PK	28mm	50
673040PK	35mm	25
673050PK	42mm	25
673011 PK	15mm CP	-
673021 PK	22mm CP	-

No.53 Brass Back Plate



CODE	DESCRIPTION	PACK QTY
673801PK	10mm Female Metric Boss	100

No.60 Rubber Lined Clips



CODE	SIZE	PACK QTY
673408	13mm to 16mm	25
673414	15mm to 19mm	25
673420	20mm to 25mm	25
673426	26mm to 30mm	25
673432	32mm to 36mm	25
673440	38mm to 43mm	10
673454	54mm to 58mm	10
673490	107mm to 112mm	10
673491	113mm to 118mm	10

No.90 Snap-In Plastic Clips



CODE	SIZE	PACK QTY
695010PK	15mm	100
695020PK	22mm	100
695030PK	28mm	100

No.93 Snap-Over Clips



CODE	SIZE	PACK QTY
695110PK	15mm	100
695120PK	22mm	100
695130PK	28mm	100

Cylinder & Tank Jackets



Cylinder Jackets

Hotcoat Economy Cylinder Jackets 60mm - 1978



CODE	SIZE	PACK QTY
920200	30 x 18 (4 Panel)	5
920201	36 x 18 (4 Panel)	5
920202	42 x 18 (4 Panel)	5

Hotcoat Kitemarked Cylinder Jackets 80mm - NIHE



CODE	SIZE	PACK QTY
920210	30 x 18 (4 Panel)	5
920211	36 x 18 (4 Panel)	5
920212	42 x 18 (4 Panel)	5

Tank Jackets

Cold Water Storage Tank Jackets Hotcoat Superstandard 60mm with Insulated Lid



CODE	SIZE	PACK QTY
920220	18 x 12 x 12 - 10 Gallon Jacket	25
920223	29 x 22 x 22 - 40 Gallon Jacket	5
920221	48 x 24 x 24 - 70 Gallon Jacket	5
920222	64 x 24 x 20	-

Cold Water Storage Tank Jackets (Hotcoat Deluxe 80mm with Insulated Lid)



CODE	SIZE	PACK QTY
920230	18 x 12 x 12 10 Gallon Jacket	25
920233	29 x 22 x 22 40 Gallon Jacket	5
920231	48 x 24 x 24 70 Gallon Jacket	5

WASTEMASTER®

FOOD WASTE DISPOSER

GOODBYE
FOOD WASTE,
HELLO
CONVENIENCE

THE WASTEMASTER FOOD WASTE DISPOSAL UNIT IS AN ESSENTIAL ADDITION TO EVERY HOME.

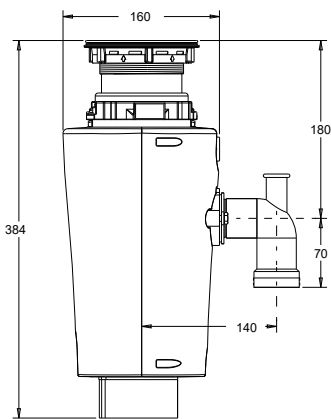
It sits neatly beneath the kitchen sink and provides a simple, convenient, and sanitary way to handle food waste. The unit is attached directly to the sink and rather than being thrown into a bin, food waste goes straight into the WasteMaster aided by a stream of cold water from the tap. It is then quickly and quietly ground into tiny particles and dispatched to wastewater treatment facilities via the drainage system.

WasteMaster units feature an ingeniously powerful magnetic motor that provides instant torque to make light work of most food items. A compact outer shell also leaves plenty of room for under-sink plumbing needed for instant hot water taps and other appliances.



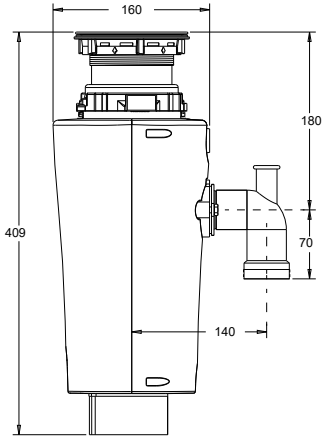
- CONVENIENCE:** WasteMaster food waste disposers make cleaning up in the kitchen easier and more convenient. Instead of food waste building-up in a bin, you can simply wash it down the drain, saving time and effort.
- REDUCED ODOURS:** By disposing of food waste promptly, you can reduce the chances of odours lingering in your kitchen..
- REDUCING FOOD WASTE:** Treating the food waste via anaerobic digestion allows it to be processed along with sewage, potentially leading to the production of biogas, which can be captured for various purposes including biosolids, which are rich in nutrients and can be used as fertiliser.
- IMPROVED HYGIENE:** By reducing the amount of food waste in your kitchen bins, there's less likelihood of attracting pests such as insects or rodents, which helps improve the overall hygiene of your kitchen.
- COST SAVINGS:** Over time, the use of a food waste disposer can provide savings on bin bags and help to potentially decrease blockages in your system.
- VERSATILITY:** Food waste disposers can handle a wide range of food waste, making them suitable for most kitchen environments.
- POWERFUL MOTOR:** Benefitting from a permanent magnetic motor that provides instant torque, the WasteMaster can quickly and easily grind up most types of food waste. Fat and grease should be disposed on separately and not via the WasteMaster.
- COMPACT DESIGN:** The WasteMaster boasts a compact slimline shell, to minimise the space taken up under the sink.

WasteMaster 0.5HP



Product Code	5080
Horsepower	0.5
Motor Speed RPM	2600 RPM
Voltage	220-240v
Wattage	475
Amps	2.25
Cycles	50-60
Built-In Air Switch	Yes
Motor Type	Permanent Magnet
Splash Guard	Removable
Grind Ring	Stainless Steel
Swivel Impellers	Stamped Stainless Steel
Balance Turntable	Stainless Steel
Balance Armature Shaft	Yes
Sound Shell	Deluxe Sound Shell
Dishwasher Connection	Yes
Unit Weight	4.5kg
Lifetime Corrosion Guarantee	Yes

WasteMaster 0.75HP



Product Code	5081
Horsepower	0.75
Motor Speed RPM	2700 RPM
Voltage	220-240v
Wattage	550
Amps	2.25
Cycles	50-60
Built-In Air Switch	Yes
Motor Type	Permanent Magnet
Splash Guard	Removable
Grind Ring	Stainless Steel
Swivel Impellers	Cast Stainless Steel
Balance Turntable	Stainless Steel
Balance Armature Shaft	Yes
Sound Shell	Super Deluxe Sound Shell
Dishwasher Connection	Yes
Unit Weight	6.35kg
Lifetime Corrosion Guarantee	Yes

Plumbers Brassware



Plumber's Brassware

**1/2" Basin Pillar
IS287:1986**



CODE	DESCRIPTION	REF.
599501	Star Cross Hot & Cold	181X

**3/4" Bath Pillar
IS287:1986**



CODE	DESCRIPTION	REF.
599502	Star Cross Hot & Cold	182X

**1/2" H.N. Pillar
IS287:1986**



CODE	DESCRIPTION	REF.
599503	Star Cross Hot & Cold	183X

1/2" CP Bibcock



CODE	DESCRIPTION	REF.
520150	Hot & Cold	5302/CP

**1/2" Brass
Bibcock Dipped**



CODE	DESCRIPTION	BOX QTY	REF.
520010	Brass Bibcock	5	5302

**1/2" Hose Union
Bibcock Dipped**



CODE	DESCRIPTION	BOX QTY	REF.
520050	Bibcock Dipped	5	5302 HU

1/2" Nut & Tail for H.U. Bibcock











CODE
520090

**Hose Union
Bibcock**







CODE	SIZE	PACK QTY
771500	1/2"	50
771502	3/4"	50
771505	1/2" H.U. Nut & Tail	10
771507	3/4" H.U. Nut & Tail	10





Basket Strainer Waste Kits

		
REFCODE WAST09618253	REFCODE WAST10618250	REFCODE WAST23618255
		
REFCODE WAST04618252	REFCODE WAST03618251	REFCODE WKIT03610334
		
REFCODE WKIT13611102	REFCODE WKIT15611031	REFCODE WKIT20611037
		
REFCODE WKIT21611038		

Plug Waste Kits

	
REFCODE WKIT05610320	REFCODE WKIT17611032
	
REFCODE WKIT06610324	REFCODE WKIT18618254

Plumb Kits

		
REFCODE WSPARE29610471	REFCODE WSPARE38618256	REFCODE WKIT26617135
		
REFCODE WKIT27617136		

Miscellaneous

REF	CODE	DESCRIPTION	
SB CLIPS AND SEALANT	610325	Single Bowl Clips & Sealant	10.00
1592	610328	Adaptor for Round Bowl	4.38
WKIT A	610440	Eirline Single Bowl	10.70
WKIT B	610441	Eirline 1.5 Bowl	16.50
PP0010/S	SS2301	Viva Basket Strainer Waste with Square Overflow	15.13
PP0011	SS2302	Viva Basket Strainer Waste with No Overflow	10.87
	611001	Leisure Tap Hole Cover	4.50

Wastes & Tap Repair Kits

Wastes with Chain and Brass Plug



CODE	REF.	SIZE	DESCRIPTION
740130	E395	1¼"	Basin waste
740133	–	1½"	Bath waste

Basin and Bath Tap Universal Conversion Kit



CODE	REF.	DESCRIPTION
589921	MCK001	½" & ¾" Tap Conversion Kit
589923	-	½" Victorian Conversion Kit

Rangemaster Basket Strainer Plug



CODE	REF.
610974	WSPARE21

Plastic Wastes



CODE	ITEM
610321	Standard 1 ½" Sink Waste Pack (WSPARE19/PA06)
610320	Standard 1 ½" Sink Waste & Overflow Assembly (WKIT05) (Pictured)

½" Chrome Plated Handle & Valve complete (Ref G72) SC300 (BS5412)



CODE	BOX QTY
589935	64

C.P. on Brass



CODE	ITEM	SIZE	REF. NO.
740880	1 ½" Unslotted Bath Waste	1 3/8" Tail 2 7/8" Flange	088

Sink Chains

CODE
740129

Copper Tails

CODE
580996

Presflo Fliptop Wastes



CODE	ITEM
740140	1 ¼" Presflo Basin Waste Slotted
740141	1 ¼" Presflo Basin Waste Unslotted

C.P. on Brass Basin Waste



CODE	ITEM	SIZE
740833	1 ¼" Slotted Basin Waste	3 ½" Tail 2 7/16" Flange

Push Button / Click Clack Basin Waste



CODE	ITEM	SIZE
599303	Slotted	-
599304	Unslotted	-

Economy Bath Pop-up Waste & Overflow



CODE	ITEM
740881	Suitable for baths up to 9mm thick



Terms and Conditions of Sale

1. PRICES

All quotations are made and orders accepted without engagement. Every effort will be made to carry out any contract in accordance with the quoted prices. Orders are only accepted by the Seller for execution, however, at prices ruling at dates of despatch.

2. ORDERS

Orders accepted by the Seller cannot be cancelled without the Seller's consent in writing. Orders are accepted for delivery without responsibility for unforeseen hindrances, shortages of material, delays in transit, accidents, etc. Delivery dates are approximate and cannot be guaranteed, although they will be adhered to as far as possible. No responsibility can be accepted for delay in delivery.

3. ILLUSTRATIONS

The Seller cannot guarantee that the illustrations in the Seller's catalogues are in all cases identical with the goods the Seller supply, as improvements and modifications may be made from time to time.

4. WEIGHTS

Weights and measurements, when given, are generally correct, but must be taken as approximate only; they cannot be guaranteed.

5. WARRANTY

All goods are carefully tested, gauged, and inspected before despatch. Should any goods prove defective owing to faulty materials or workmanship, they will be replaced free provided such goods are returned to the Seller within three months from date of despatch. Beyond this, the Seller gives no guarantee, and accepts no responsibility for damage, direct or indirect or consequent from this or any cause. This warranty is given in place of any warranty or conditions (including any conditions as to quality or fitness for any particular purpose) implied by Common Law, Statute, or otherwise, which are hereby expressly excluded.

6. BREACH OF WARRANTY

The Seller accepts no responsibility for any breach of Clause 5 (Warranty) or in respect of any defect in the goods or damage caused by the use of the goods due to (i) ordinary wear and tear (ii) improper handling or storage or non-compliance with installation or handling regulations or excessive strain or use (iii) force majeure, special external circumstances not foreseen in respect of the goods or due to the use of the goods beyond normal use or (iv) use of the goods for a purpose for which they are not intended including, for example (but

without limitation), use and/or installation of the goods in any location (whether underground or otherwise) for which the goods are not suited.

7. NEW ACCOUNTS

Two approved trade references are requested.

8. SETTLEMENT TERMS

All accounts are strictly "Nett Monthly". Accounts are due and should be paid direct to the Seller. Receipts if requested will not be recognised except on the Sellers specially printed form. Clerical errors and omissions are subject to correction.

9. CONTRACTS

Delivery of contracts must be taken within the period specified, otherwise the Seller reserves the right to cancel or deliver the outstanding balances at the end of the period.

10. DELIVERY

If direct from Works to the Buyers warehouse in one lot, carriage paid. For orders under 250.00, carriage applied at 6.00 per carton, 20 per bundle (pipe lengths) and 35.00 per pallet. Delivery charges outside of Ireland confirmed upon order.

11. PACKING

Packing is non-returnable and free of charge.

12. NOFICATION OF DAMAGE, PARTIAL LOSS, SHORTAGES, ETC

Buyers must notify the Seller in writing in the event of damage, loss or shortage within seven days of delivery of goods. Every consignment ex Works contains a Contents Note and the reference number thereof, should be quoted. In the absence of such written advice from the Buyers to the Sellers, the goods will be deemed to have been delivered complete, and in a satisfactory condition, and the risk in the goods is then transferred to the Buyers.

13. SPECIALS

Specials are fittings made to customers orders, and differing from the specification given in the Sellers catalogue. Orders for such specials will be charged on the basis of the Sellers works costs, whether they are alterations to the Sellers existing patterns, or totally new designs, and under no circumstances can the Seller accept their return or cancellation. Any reasonable quantity made by the Seller in excess of an order to cover the possibility of 'Rejects' on the Sellers test, will, in the case of specials, be sent and invoiced to the customer.

14. PART DELIVERIES

Where goods contracted for are deliverable by instalments, each delivery shall be deemed to constitute a separate enforceable contract.

15. ACCEPTANCE OF ORDERS

Contracts and orders are only accepted upon and subject to Sellers' Standard Conditions of Sale, as printed herein. Unless expressly accepted in writing by the Seller, any qualification of these conditions in a Customers form or otherwise, will be of no effect whatsoever.

16. RETURNED FITTINGS

A 12.5% rehandling charge will be levied on any goods returned to the Seller that the Seller previously agreed to accept back, with the exception of those that are covered by Clause 5 (Warranty).

17. EXPORTS

Are subject to quotation and separate conditions of sale.

18. PRESSINGS, CASTINGS, TURNED PARTS AND JOBBING WORK

Made to customers specifications are subject to quotation. Separate conditions of sale apply.

19. RETENTION OF TITLE AND ALL MONIES CLAUSE

Sanbra Fyffe Ltd retains ownership of goods supplied until all debts owed to Sanbra Fyffe Ltd by the purchaser have been paid in full.

20. DISPUTE RESOLUTION PROCESS

(A) Negotiations: The Seller and the Buyer will attempt to resolve any controversy relating to this agreement by negotiations between representatives of the parties who have authority to settle the controversy. The Seller and the Buyer must at all times act in good faith in the course of those negotiations.

The Buyer will give the Seller written notice of the dispute. Within five business days of receiving the notice, the Seller will submit to the buyer a written response. Neither the notice or the response shall exceed 500 words. The representatives shall meet at a mutually acceptable time and place within five business days of the date of the Seller's response.

(B) Mediation: If the matter has not been resolved within five business days of the Seller's response, or if either party will not meet, the dispute will be submitted to mediation as set out below. The mediator will have no power to bind the parties. The mediation will be confidential and without prejudice.

(i) Selection of Mediator: The Seller and the Buyer will have three business days from the end of time for negotiation to jointly request that Friarylaw, Mediation Service Provider, The Friary, Bow Street, Dublin 7, supply within two working days, a list of three potential Mediators, who will be professionally trained in mediation and have suitable industry expertise. Within two business days of the receipt of the list, the Seller and the Buyer will independently rank the proposed candidates, will simultaneously exchange rankings, and will agree to select as Mediator the individual receiving the highest combined ranking who is available. If either party does not rank and provide a copy of the ranking to the other party, the party who does rank will be able to select the Mediator from the list.

(ii) Time and Place for Mediation: In consultation with the Mediator, the Seller and the Buyer will designate a mutually convenient time for the mediation and unless circumstances require otherwise, the date should be not later than five business days after the selection of the Mediator. All Mediations should take place at the Registered Office and Place of business of Sanbra Fyffe, Sanbra Fyffe Limited, Instantor Works, Santry Avenue, Santry, Dublin, D09 K160.

(iii) Fees of the Mediator: The fees of the mediator will be discharged equally by the Buyer and the Seller.

(iv) Termination of Procedure: The Seller and the Buyer agree to participate in the Mediation for at least Four Hours (unless terminated earlier by the Mediator). After that time, either the Seller or the Buyer may leave the mediation at any time. If the mediation does not yield a settlement, the Seller and the Buyer agree not to take any action including letters in contemplation of litigation (other than good faith attempts to negotiate a settlement to the dispute) prior to the conclusion of a five day post mediation period that commences on the day after the conclusion of the mediation.

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Notes

Lined area for notes.



Instantor[®]

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Superior Plumbing Products
for **Professional Plumbers**
Since 1926

25.01 Euro