



EL TORO CROSS – BASIN SET

WATER EFFICIENT TAPWARE
(NOMINAL FLOW RATE = 5 L/min)

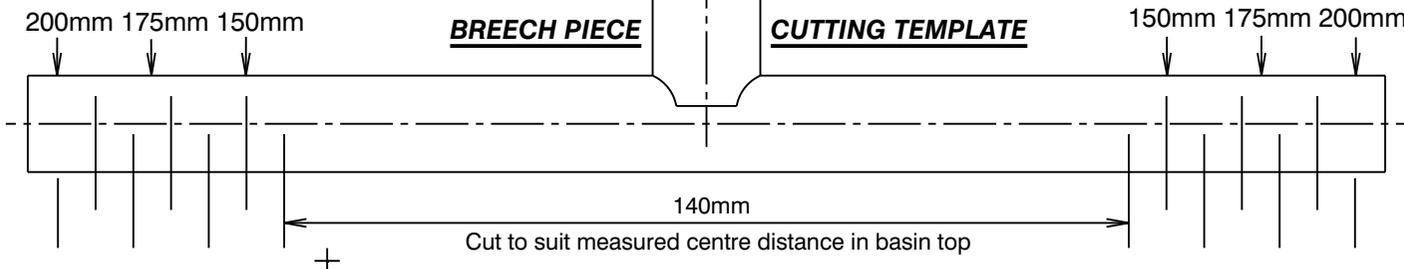
PLUMBERS INSTALLATION INSTRUCTIONS

Important Information

- * Not suitable for gravity feed systems.
- * Swivel basin outlet is fitted with a 5 L/min flow regulated aerator insert.
This low flow rate may not be suitable for connection to some Instantaneous Gas Water Heaters, some Tempering Valves, some Solar Water Heaters & some Thermostatic Mixing Valves.
Check with the manufacturers of these products.
Note: – An 8 L/min aerator insert kit (Part No. 20742), is available if required.
- * Isolating stop taps are recommended to be fitted to the inlet connections. (Part No: 842018C – Mini cistern 1/4 T)
- * All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.
Note: Aerator insert housing must be retightened to prevent removal by hand.

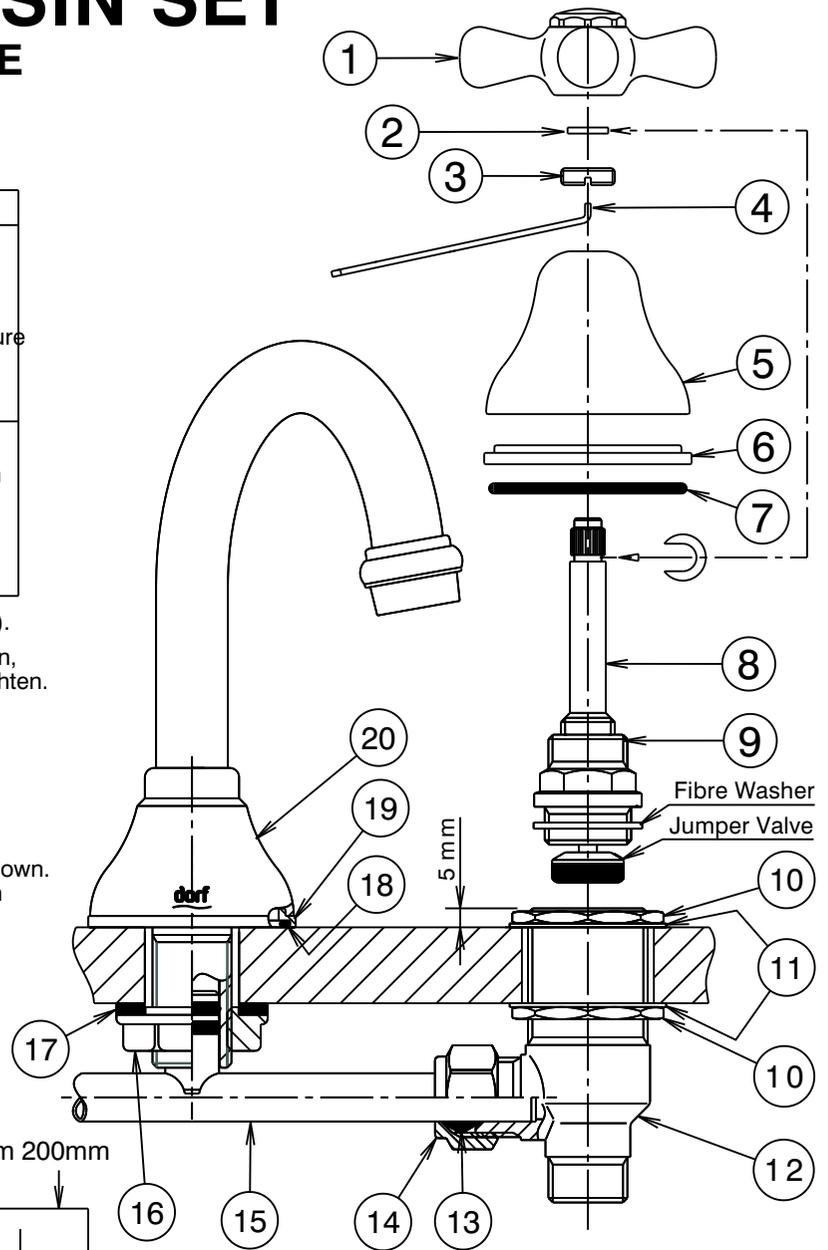
Installation

- 1) Measure centre distance between tap body holes in deck, cut breech piece (15) to required length. (As a guide see cutting template below)
- 2) Install basin outlet (20) with dress ring (19) and seal (18). Rotate outlet (20) so that the **dorf** marking is facing towards the front. Fit washer (17) and backnut (16) and tighten.
- 3) Fit compression nuts (14) and olives (13) to each end of breech piece (15), connect to tap bodies (12) and tighten compression nuts (14) slightly.
- 4) Fit one locknut (10) and washer (11) to each tap body (12). Install assembly into deck ensuring 'O' rings on breech piece (15) are not damaged as they enter tail of basin outlet (20). Fit remaining washer (11) and locknut (10), adjust locknuts (10) so that the tap bodies (12) protrude 5mm above the deck and tighten.



IMPORTANT	
Pressure & Temperature Requirements.	
<ul style="list-style-type: none"> • Hot and cold water inlet pressures should be equal. • Inlet pressure range : 150 – 1000 kPa New Regulation : –500 kPa maximum operating pressure at any outlet within a building. (Ref. AS/NZS 3500.1 – 2003, Clause 3.3.4) • Maximum hot water temperature : 80°C. 	
Deck Requirements	
<ul style="list-style-type: none"> • Centre distance between tap body holes : 120 – 210mm • Deck thickness : 25mm maximum • Tap body holes (in deck) : $\varnothing 34 - 36$mm • Tap outlet hole (in deck) : $\varnothing 22 - 30$mm 	

- 5) Tighten compression nuts (14) on the breech piece (15).
- 6) With jumper valve and fibre washer in position as shown, screw tap head assembly (9) into tap body (12) and tighten.
- 7) Fit dress rings (6) together with seal (7) over tap heads (9). Screw flanges (5) to each tap head (9) and tighten securely by hand, taking care not to damage decorative finish.
- 8) Fit handle assembly as follows :
 - i) Turn both spindles to the fully off position.
 - ii) Place retaining nut (3) over spindle (8) with slot facing down.
 - iii) Place retaining clip (2) into groove at bottom of spline in spindle (8).
 - iv) Fit handle (1) to spindle (8), position to suit.
Push handle (1) firmly down until it bottoms internally.
 - v) Screw retaining nut (3) into handle and tighten using spanner (4) provided.



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