

CPVC Connection Compatibility with AquaRise

As the AquaRise piping system from IPEX makes inroads into the commercial sector across Canada, we have had an increasing number of customers asking whether Dahl's 1/2" CPVC Socket Connections are compatible with the AquaRise pipe system.

The answer is "not directly". Although AquaRise is made of CPVC plastic, its outside diameter is Iron Pipe Size (IPS), similar to Schedule 40. However, Dahl's 1/2" CPVC Socket connections are designed to accommodate Copper Tube Size (CTS) piping that is made to ASTM D 2843.

As a solution for connecting to AquaRise, Dahl recommends using mini-ball™ valves and fittings with male NPT connections; IPEX offers AquaRise female NPT adapters that will mate with these Dahl products.

Some typical Dahl models that are compatible to with AquaRise female adapters are listed below, and many more configurations are available to suit other applications. Please call or email us if you need a valve or fitting that you do not see here:



Description	Pattern	Finish	C360 Brass Alloy	dahl-ECO†
SUPPLY STOPS				
1/2 Dual MIP/Copper x 3/8 Comp	Angle	Plated	211-01-31	611-01-31
1/2 Dual MIP/Copper x 3/8 Comp	Straight	Plated	111-01-31	511-01-31
1/2 Dual MIP/Copper x 3/8 Comp x WHA	Angle	Plated	211-01-31-14WHA	611-01-31-14WHA
1/2 Dual MIP/Copper x 3/8 Comp x WHA	Straight	Plated	111-01-31-14WHA	511-01-31-14WHA
1/2 Dual MIP/Copper x 1/4 Comp	Angle	Plated	211-01-30	611-01-30
1/2 Dual MIP/Copper x 1/4 Comp x WHA	Angle	Plated	211-01-30-14WHA	611-01-30-14WHA
1/2 Dual MIP/Copper x 1/4 Comp	Angle	Brass	221-01-30	621-01-30
1/2 Dual MIP/Copper x 1/4 Comp x WHA	Angle	Brass	221-01-30-14WHA	621-01-30-14WHA
HOSE VALVES				
1/2 Dual MIP/Copper x Male Hose	Angle	Brass	221-01-04	621-01-04
LAUNDRY HOOK-UP				
1/2 Dual MIP/Copper x Male Hose x WHA, Red Handle	Angle	Brass	224-01-04-WHA	624-01-04-WHA
1/2 Dual MIP/Copper x Male Hose x WHA, Blue Handle	Angle	Brass	225-01-04-WHA	625-01-04-WHA
1/2 Dual MIP/Copper x Male Hose, Pkg of 2	Angle	Brass	221-01-04-PK2	621-01-04-PK2
IN-LINE & DRAIN VALVES - Also available as fullport - use "LB" suffix				
1/2 Dual MIP/Copper x 1/2 Dual MIP/Copper	Straight	Brass	121-01-01	521-01-01
1/2 Dual MIP/Copper x 1/2 Dual MIP/Copper, with Drain	Straight	Brass	121-01-01D	521-01-01D
1/2 Dual MIP/Copper x 1/2 Dual MIP/Copper, Large Bore	Straight	Brass	121LB-01-01	521LB-01-01
1/2 Dual MIP/Copper x 1/2 Dual MIP/Copper, Large Bore w/ Drain	Straight	Brass	121LB-01-01D	521LB-01-01D

†Environmentally friendly dahl-ECO products average less than 0.1% lead on wetted surfaces, and are made of alloy C69300 American ECO BRASS®, which offers the best stress corrosioncrack resistance and dezincification resistance available.