

JOHNSON CONTROLS - V48 SERIES THREE-WAY WATER REGULATING VALVE



DESCRIPTION

V48 Series valves are designed specifically for condensing units cooled either by atmospheric or forced draft cooling towers.

APPLICATIONS

V48 Series valves are used on single or multiple condenser hook-ups to the tower to provide the most economical and efficient use of the tower.

SELECTION CHART

PART NO	PIPE SIZE (in)	INLET AND OUTLET	PRESSURE ELEMENT STYLE	SEAT REPAIR KIT	REPLACEMENT SENSING ELEMENT	RANGE OPENING POINT OF NORMALLY CLOSED SIDE (psig (kPa))	WATER SUPPLY PRESSURE	MAX BELLOWS OVERPRESSURE
V48AB-1C	1/2	Threaded	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT15A-605R	SEP91A-602R SEC37A-602R*	85 to 110 (586 to 758)	150 psig (1034 kPa)	230 psig(1586 kPa)
V48AB-2C	1/2	Threaded	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT15A-605R	SEP91A-602R SEC37A-602R*	145 to 190 (1000 to 1310)	150 psig (1034 kPa)	320 psig(2206 kPa)
V48AC-1C	3/4	Threaded	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT16A-604R	SEP91A-602R SEC37A-602R*	85 to 110 (586 to 758)	150 psig (1034 kPa)	230 psig(1586 kPa)
V48AC-2C	3/4	Threaded	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT16A-604R	SEP91A-602R SEC37A-602R*	145 to 190 (1000 to 1310)	150 psig (1034 kPa)	320 psig(2206 kPa)
V48AD-1C	1	Threaded	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT17A-616R	SEP91A-602R SEC37A-602R*	85 to 110 (586 to 758)	150 psig (1034 kPa)	230 psig(1586 kPa)
V48AD-2C	1	Threaded	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT17A-616R	SEP91A-602R SEC37A-602R*	145 to 190 (1000 to 1310)	150 psig (1034 kPa)	320 psig(2206 kPa)
V48AE-1C	1-1/4	Threaded	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT17A-617R	SEP91A-602R SEC37A-602R*	85 to 110 (586 to 758)	150 psig (1034 kPa)	230 psig(1586 kPa)
V48AE-2C	1-1/4	Threaded	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT17A-617R	SEP91A-602R SEC37A-602R*	145 to 190 (1000 to 1310)	150 psig (1034 kPa)	320 psig(2206 kPa)
V48AF-1C	1-1/2	Threaded	1/4-in. Male Flare Fitting(Style 5)	STT17A-604R	SEP81A-602R	85 to 110 (586 to 758)	150 psig (1034 kPa)	230 psig(1586 kPa)
V48AF-2C	1-1/2	Threaded	1/4-in. Male Flare Fitting(Style 5)	STT17A-604R	SEP81A-601R	145 to 190 (1000 to 1310)	150 psig (1034 kPa)	320 psig(2206 kPa)
V48AJ-2C	1/2	Union	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT15A-605R	SEP77A-605R	145 to 190 (1000 to 1310)	150 psig (1034 kPa)	320 psig(2206 kPa)
V48EK-2C	3/4	Union	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT16A-604R	SEP77A-605R	145 to 190 (1000 to 1310)	150 psig (1034 kPa)	370 psig(2551 kPa)
V48AL-2C	1	Union	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT17A-616R	SEP127A-600R	145 to 190 (1000 to 1310)	150 psig (1034 kPa)	320 psig(2206 kPa)
V48AM-2C	1-1/4	Union	30-in. Capillary with 1/4-in.Flare Nut (Style 45)	STT17A-617R	SEP107A-602R	145 to 190 (1000 to 1310)	150 psig (1034 kPa)	320 psig(2206 kPa)

*Replacement element supplied with 1/4-in male SAE connector, Order SEC37A capacity lot with two nuts separately if needed. Use only on valves specified.

NOTE: Standard capacity length on Style 45 and Style 34 elements is 30 inches.