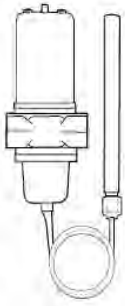


JOHNSON CONTROLS - V47 SERIES TEMPERATURE ACTUATED MODULATING VALVE SELECTION CHART



DESCRIPTION

The V47 is a temperature actuated modulating valve that regulates the flow of water or glycol to maintain a desired temperature. Three Temperature ranges for each valve size are available. Many valves come with a removable bypass plug that can be replaced by the bypass Orifice provided separately with each valve. Valve action is open on temperature increase. For open on temperature decrease models, Contact Application Engineering.

SELECTION CHART

PART NO	PIPE SIZE (in)	SEAT REPAIR KIT	RANGE (Opening Point) °F	BULB SIZE (in) (Dia Length)	STD BYPASS ORIFICE DIA (in)	REPLACEMENT SENSING ELEMENT	BULB WELL NUMBER (Order Separately)
V47AA-1C	3/8	STT14A-600R	115 to 180 Heating	11/16 x 3-1/4	0.062	SET29A-622R	WEL18A-602R
V47AA-2C	3/8	STT14A-600R	160 to 230 Heating	11/16 x 3-1/4	0.062	SET29A-623R	WEL18A-602R
V47AA-3C	3/8	STT14A-600R	75 to 135 Cross Ambient	11/16 x 6	0.062	SET29A-601R	WEL17A-601R
V47AB-2C	1/2	STT15A-602R	75 to 135 Cross Ambient	11/16 x 10*	—	SET29A-602R	WEL17A-600R
V47AB-3C	1/2	STT15A-602R	115 to 180 Heating	11/16 x 3-1/4	0.062	SET29A-624R	WEL18A-602R
V47AB-4C	1/2	STT15A-602R	160 to 230 Heating	11/16 x 3-1/4	0.062	SET29A-625R	WEL18A-602R
V47AB-5C	1/2	STT15A-602R	75 to 135 Cross Ambient	11/16 x 10	0.062	SET29A-602R	WEL17A-600R
V47AC-3C	3/4	STT16A-601R	115 to 180 Heating	11/16 x 3-1/4	0.062	SET29A-627R	WEL18A-602R
V47AC4C	3/4	STT16A-601R	160 to 230 Heating	11/16 x 3-1/4	0.062	SET29A-627R	WEL18A-602R
V47AC-6C	3/4	STT16A-601R	75 to 135 Cross Ambient	11/16 x 10	0.062	SET29A-604R	WEL17A-600R
V47AC-8C	3/4**	STT16A-601R	75 to 135 Heating	11/16 x 3-1/4	—	SET98A-621R	WEL18A-602R
V47AD-1C	1	STT17A-609R	75 to 135 Cross Ambient	11/16 x 16-1/4	0.093	SET29A-605R	—
V47AD-2C	1	STT17A-609R	115 to 180 Heating	11/16 x 6	0.093	SET29A-629R	WEL17A-601R
V47AD-3C	1	STT17A-609R	160 to 230 Heating	11/16 x 6	0.093	SET29A-630R	WEL17A-601R
V47AE-1C	1-1/4	STT17A-610R	75 to 135 Cross Ambient	11/16 x 16-1/4	0.093	SET29A-605R	—
V47AE-2C	1-1/4	STT17A-610R	115 to 180 Heating	11/16 x 6	0.093	SET29A-629R	WEL17A-601R
V47AE-3C	1-1/4	STT17A-610R	160 to 230 Heating	11/16 x 6	0.093	SET29A-630R	WEL17A-601R
V47AR-1C	1-1/2**	STT17A-610R	75 to 135 Cross Ambient	11/16 x 16-1/4	0.093	SET29A-605R	—
V47AR-2C	1-1/2**	STT17A-610R	115 to 180 Heating	11/16 x 6	0.093	SET29A-629R	WEL17A-601R
V47AR-3C	1-1/2**	STT17A-610R	160 to 230 Heating	11/16 x 6	0.093	SET29A-630R	WEL17A-601R
V47AS-1C	2**	STT18A-600R	115 to 160 Heating	11/16 x 10	0.125	SET29A-632R	WEL17A-600R
V47AS-2C	2**	STT18A-600R	160 to 205 Heating	11/16 x 10	0.125	SET19A-633R	WEL17A-600R
V47AS-3C	2**	STT18A-600R	75 to 115 Cross Ambient	11/16 x 43	0.125	SET29A-606R	—
V47AT-1C	2-1/2**	STT18A-601R	15 to 160 Heating	11/16 x 10	0.125	SET29A-632R	WEL17A-600R
V47AT-2C	2-1/2**	STT18A-601R	160 to 205 Heating	11/16 x 10	0.125	SET29A-633R	WEL17A-600R
V47AT-3C	2-1/2**	STT18A-601R	75 to 115 Cross Ambient	11/16 x 43	0.125	SET29A-606R	—

*Style 1 bulb (does not include 1/2-in. male NPT fitting).

**ASME Flange.