VS9 Series

2-way/3-way FCU Control Valve

VS9 series FCU control valves can be used in residential and office buildings to control the continuity of cold and hot fluids. The FCU control valve is made up of two parts: electric actuator and valve body.

VS9 series FCU control valve offers a wide range of voltages and screw thread connection standards for different regions. There are two-way and three-way valves to cover most of the building control applications.



Technical Specification

ACTUATOR	
Operation power supply	220 Vac ±10 %, 110Vac ±10 % 24Vac ±10 % 50/60Hz
Control mode	Spring Return, ON/OFF type
Working temperature	0-50℃
Working relative humidity	10%-90%RH, non-condensating
Power rating	≤ 8 VA
Actuation time	Open: ≤20s Shut: ≤15s
Protection rating	IP20

VALVE	
Applicable medium	cold or hot water or 50% glycol solution
Fluid temperature:	0~94°C
Operating temperature:	0-50℃
Working relative humidity	10%-90%RH, non-condensating
Nominal pressure	PN20
Leakage rate	0.05%kvs
Materials	Valve body: HPb59-2 Valve rod: HPb59-2 Valve flap: EPDM

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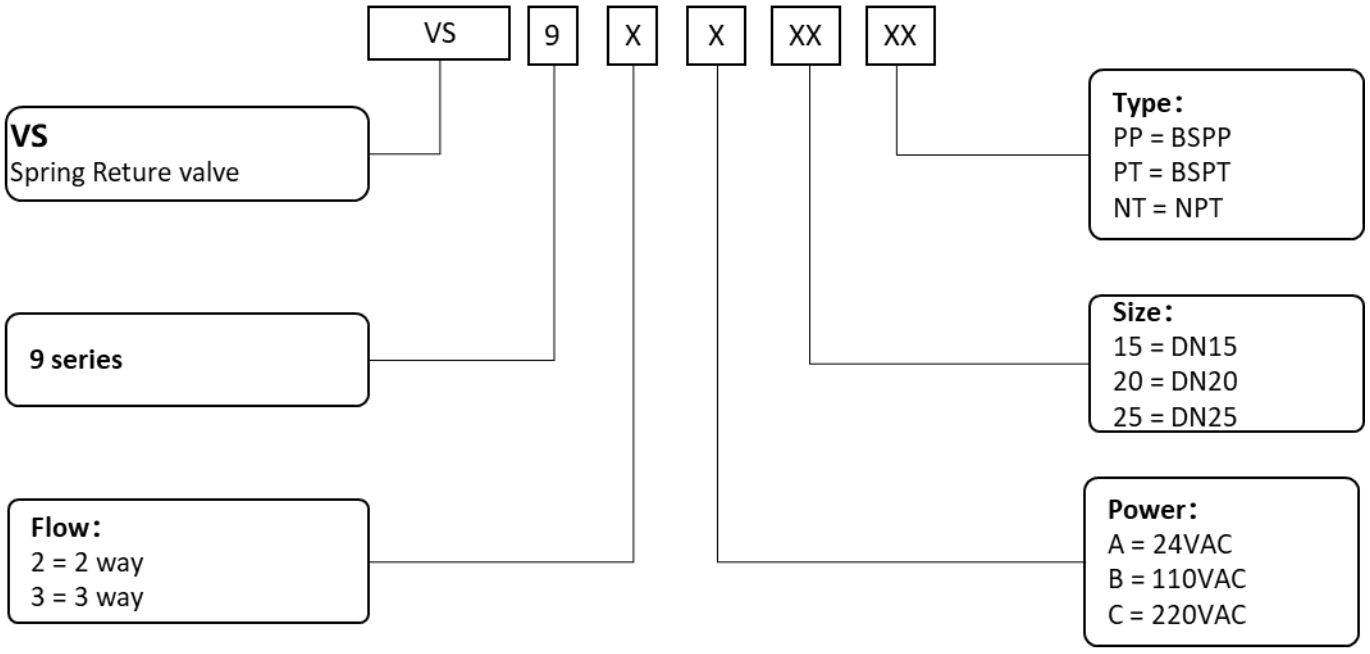
Ordering Part Numbers (220Vac only)

PN	Power	Flow	Size	Type	Kvs	PSI	MPa
VS92C15PP	220Vac ± 10 %	2	DN15,1/2"	BSPP	2.0 ± 1 0%	43	0.3
VS92C15PT	220Vac ± 10 %	2	DN15,1/2"	BSPT	2.0 ± 1 0%	43	0.3
VS92C15NT	220Vac ± 10 %	2	DN15,1/2"	NPT	2.0 ± 1 0%	43	0.3
VS92C20PP	220Vac ± 10 %	2	DN20,3/4"	BSPP	2.4 ± 1 0%	36	0.25
VS92C20PT	220Vac ± 10 %	2	DN20,3/4"	BSPT	2.4 ± 1 0%	36	0.25
VS92C20NT	220Vac ± 10 %	2	DN20,3/4"	NPT	2.4 ± 1 0%	36	0.25
VS92C25PP	220Vac ± 10 %	2	DN25,1"	BSPP	4.2 ± 1 0%	30	0.2
VS92C25PT	220Vac ± 10 %	2	DN25,1"	BSPT	4.2 ± 1 0%	30	0.2
VS92C25NT	220Vac ± 10 %	2	DN25,1"	NPT	4.2 ± 1 0%	30	0.2
VS93C15PP	220Vac ± 10 %	3	DN15,1/2"	BSPP	2.0 ± 1 0%	43	0.3
VS93C15PT	220Vac ± 10 %	3	DN15,1/2"	BSPT	2.0 ± 1 0%	43	0.3
VS93C15NT	220Vac ± 10 %	3	DN15,1/2"	NPT	2.0 ± 1 0%	43	0.3
VS93C20PP	220Vac ± 10 %	3	DN20,3/4"	BSPP	2.4 ± 1 0%	36	0.25
VS93C20PT	220Vac ± 10 %	3	DN20,3/4"	BSPT	2.4 ± 1 0%	36	0.25
VS93C20NT	220Vac ± 10 %	3	DN20,3/4"	NPT	2.4 ± 1 0%	36	0.25
VS93C25PP	220Vac ± 10 %	3	DN25,1"	BSPP	4.2 ± 1 0%	30	0.2
VS93C25PT	220Vac ± 10 %	3	DN25,1"	BSPT	4.2 ± 1 0%	30	0.2
VS93C25NT	220Vac ± 10 %	3	DN25,1"	NPT	4.2 ± 1 0%	30	0.2

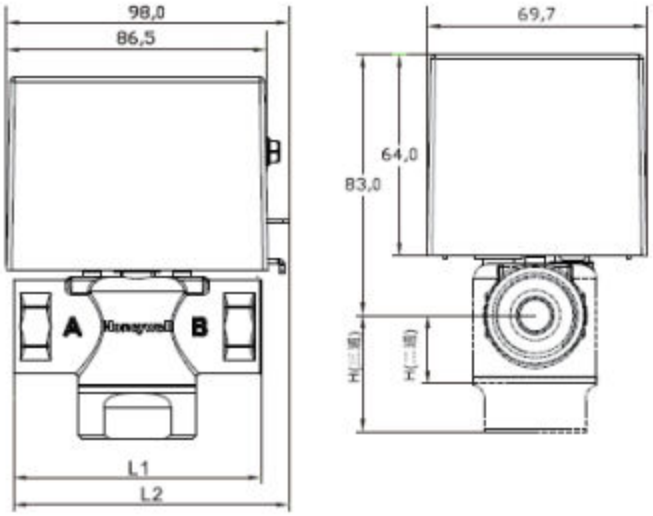
Note: Please contact local sales for more SKUs.

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Product Identification System

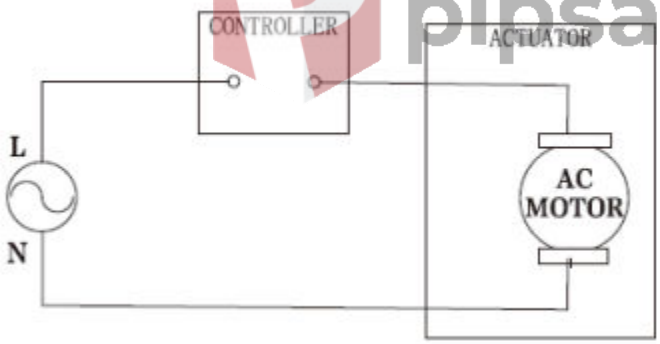


Dimensions



PN	Dimensions (mm)		
	L1	L2	H
VS92X15XX	78	89	19
VS92X20XX	82	91	21.5
VS92X25XX	88	94	24.5
VS93X15XX	78	89	34
VS93X20XX	82	91	37
VS93X25XX	88	94	45

Wiring



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BMS

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HBT-GC-BMS-VS9-2023-EN01
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