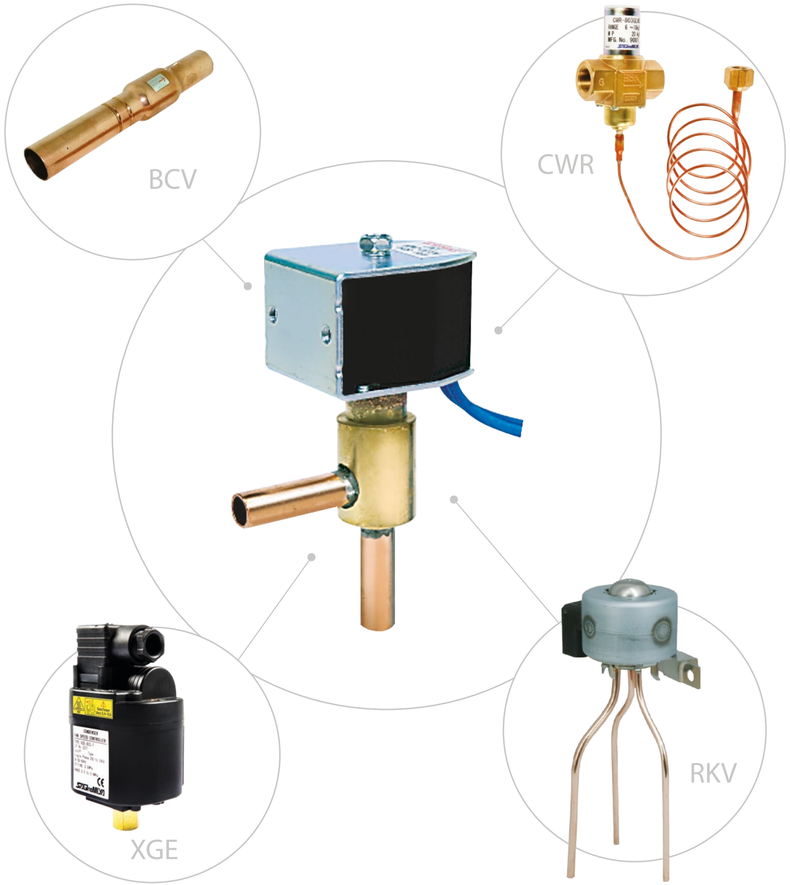

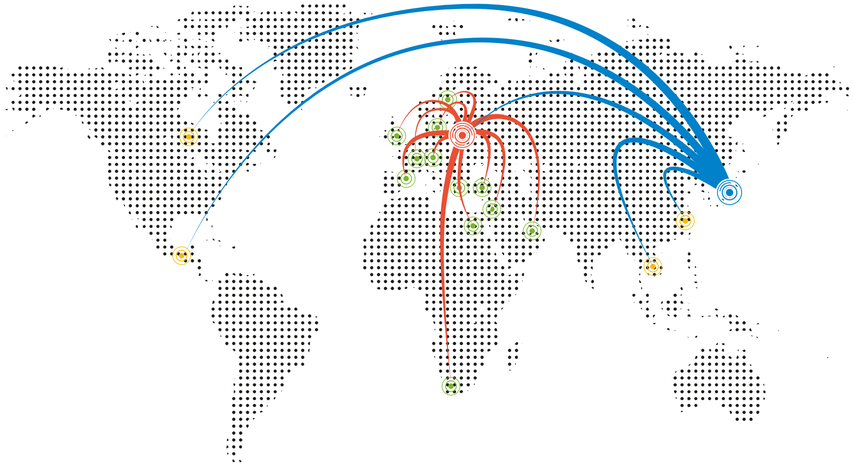

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SAGInoMIYA
AUTOMATIC CONTROLS

TEV-S, VPV Solenoid Valves

TEV-S specification:

- Power consumption: 4,5/3,5W (rated voltage : 200 V 50/60 Hz).
- Maximum working pressure: 4,15 MPa.
- Allowable Fluid Temp: -30°C to +120°C.
- Operation mode: normally close.

VPV specification:

- Power consumption: 8/7 W (rated voltage : 200 V 50/60 Hz).
- Maximum working pressure: 4,15 MPa.
- Allowable Fluid Temp: -30°C to +120°C.
- Operation mode: normally close/normally open.

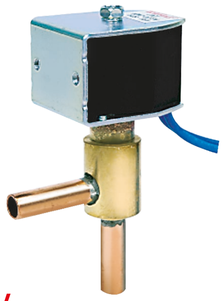
TEV-S and VPV are mainly used for gas by-pass and oil return circuit in applications like:

- Ice making machines.
- Vending machines.
- Air-conditioners.
- Dehumidifiers.

Main advantages of Saginomiya Solenoid Valves:

- Simplified construction for cost efficiency and unquestionable reliability.
- Fits into versatile applications.
- Compact shape designed for space saving.
- Low power consumption.
- Made in Japan.

TEV-S



VPV

VPV, TEV-S SOLENOID VALVES

Model	Series	Port size [mm]	Capacity [kW]				Kv [m³/h]	Connection
			R134a		R407C			
			0,01 [MPa]	0,02 [MPa]	0,01 [MPa]	0,02 [MPa]		
TEV-S	122	1,2	0,5	0,7	0,5	0,7	0,03	1/4"
	162	1,6	0,8	1,2	0,9	1,2	0,06	
	192	1,9	1,1	1,5	1,1	1,6	0,08	
	202	2,0	1,2	1,7	1,2	1,7	0,09	
VPV	303	3,0	2,5	3,6	2,6	3,6	0,19	5/16"
	603	5,8	7,9	11,1	8,0	11,2	0,56	
	803	7,8	18,1	25,6	18,4	26,0	1,28	3/8"
	1204	11,0	-	51,3	-	51,9	2,56	1/2"

Note (1) Capacity calculated for conditions: CT=38°C, ET=5°C, SC=0K, SH=0K,

COILS FOR TEV-S and VPV SOLENOID VALVES

Electrical Rating	Rated Voltage		Tolerance	Power Consumption	Insulation Class
B	24 V AC	50/60 Hz	±10%	4,5 W / 3,5 W TEV-S 8 W / 7 W VPV	Class B
C	100 V AC				
D	110 V AC				
E	120 V AC				
G	200 V AC				
Q	208 V AC				
H	220 V AC				
I	230 V AC				
J	240 V AC				

DIMENSION