



752-1

CONTRACTOR TIP: USE WITH
ZONE VALVES ON PAGES 103-104
FOR HEAT / COOL APPLICATIONS.

AUTOMATIC CHANGE-OVER SWITCH

SPDT Control Provides Automatic Change-Over of Thermostat to Operate Zone Valve on Combination Hot and Chilled Water Systems

FEATURES

- Epoxy resin seal protects bimetallic disc and Snap-Action contacts from dust, dirt and corrosion.
- Furnished with removable spring clip to attach control to tubing.
- SPDT switch connects heating side of thermostat to two-wire zone valve when hot water is circulated through tubing.
- SPDT switch connects cooling side of thermostat to two-wire zone valve when chilled water is circulated through tubing.
- Curved sensing element provides maximum contact with tubing.

SPECIFICATIONS

Electrical Connections	12" red, brown and black leads, 105°C insulated, No. 18 wire
Temperature Settings	Red-Black: open on rise @ 85°F, close @ 70°F Red-Brown: close on rise @ 85°F, open @ 70°F
Ambient Temperature	221°F maximum

TYPES FOR USE WITH 1/2" TUBING (5/8" O.D.)

Model Number without conduit connector	Model Number with conduit connector	Switch Action	Motor Rating				Pilot Duty 120 / 240 / 277 VAC	Resistive (non-inductive) 120 / 240 / 277 VAC
			Full Load		Lock Rotor			
			120 VAC	240 VAC	120 VAC	240 VAC		
752-1	752-2	SPDT	7.5A	3.75A	45.0A	22.5A	125 VA	15A

TYPES FOR USE WITH 1/2" TUBING (5/8" O.D.)

TYPES		SWITCH ACTION	A.C MOTOR RATING				PILOT DUTY (120V or 240V)	NON-IN-DUCTIVE (120 or 240V)
WITHOUT CONDUIT CONNECTOR	WITH CONDUIT CONNECTOR		FULL LOAD		LOCKED ROTOR			
			120V	240V	120V	240V		
752-1	752-2	SPDT	7.5A	3.75A	45.0A	22.5A	125 VA	15.0A

TYPES FOR USE WITH 3/4" TUBING (7/8" O.D.)

752-1	SPDT	7.5A	3.75A	45.0A	22.5A	125 VA	15.0A
-------	------	------	-------	-------	-------	--------	-------

SPECIFICATIONS

Electrical Connections – 12" red, brown, and black leads, 105°C insulated, No. 18 wire.

Temperature Settings – Red-Black, open at 85°F ± 6°

Red-Brown, open 70°F ± 6°

Ambient Temp. – 220°F Max.

Typical diagram using Type 1361 valves (25 volts) with Changeover Switch. Boiler, chiller, and circulator operation are independent of thermostat demand.

