

V-6040

Pilot Valve

Description

The V-6040 Pilot Valve is designed for normal temperature control on system powered terminal units. This valve also functions as a fail-safe device for fire management systems.

Refer to *V-6040 Pilot Valve Product Bulletin (LIT-7171275)* for important product information.

Repair Information

If the V-6040 Pilot Valve fails to operate within its specifications, replace the unit. For a replacement valve, contact the nearest Johnson Controls® representative.

Features

- compatible with system terminal units
- allows:
 - fire management override
 - night setback
- adjustable set point for sequencing applications
- allows system upgrades with wall mounted room thermostats
- compatible with high or low volume controllers



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Technical Specifications

V-6040 Pilot Valve	
Control Pressure	1 to 20 psig (7 to 138 kPa)
Set Point	Adjustable 3 to 18 psig (21 to 124 kPa)
Accuracy	±1 PSI (±7 kPa)
Maximum System (In) Pressure	10 in. WG
Ambient Temperature Limits	-20 to 140°F (-30 to 60°C)
Connections	Barbed Fitting for 1/4 in. O.D. Polyethylene Tubing Barbed Fitting for 5/32 or 1/4 in. O.D. Polyethylene Tubing
Mounting	Bracket Supplied

Selection Chart

Code Number	Description				
	Style	Application	Fail-Safe	Control	
				Mode	Thermostat
V-6040-1	N.O.	Carrier Moduline	Yes	Cool	Rev
				Heat	Dir
V-6040-3	N.C.		No	Cool	Dir
				Heat	Rev
V-6040-1 ¹	N.O.	McQuay Fluidtech	No	Htg/Clg	Dir or Rev
V-6040-3 ¹	N.C.				

1. One each required per unit.