

V-6135

Three-Way Air Switching Valve

Description

The V-6135 Three-Way Air Switching Valve switches the flow of air from one air line to another. The valve functions as a selector or diverter and provides no exhaust function.

Refer to *V-6135 Three-Way Air Switching Valve Product Bulletin (LIT-718160)* for important product information.

Repair Information

If the V-6135 Three-Way Air Switching Valve fails to operate within its specifications, replace the unit. For a replacement valve, contact the nearest Johnson Controls® representative.

Features

- fast acting two-position switching mechanism
- narrow deadband between output modes eliminates the possibility of the N.C. and N.O. ports being open at the same time
- factory supplied with an integral mounting bracket for surface mounting

Applications

- Day-night switching
- Heating-cooling
- Enthalpy switchover



V-6135 Three-Way Air Switching Valve

Selection Charts

V-6135 Three-Way Air Switching Valves

| Code Number | Description | |
|-------------|---------------------------|--|
| V-6135-1 | Three-Way Switching Valve | Between 2 and 4 psig (14 and 28 kPa) |
| V-6135-2 | | Between 11 and 15 psig (77 and 105 kPa) |
| V-6135-3 | | Between 15 and 19 psig (105 and 133 kPa) |

Accessories for V-6135 Valves

| Code Number | Description |
|-------------|---|
| V-6135-100 | Barbed Fitting Kit for 1/4 in. O.D. Poly tubing |

Technical Specifications

| V-6135 Three-Way Air Switching Valve | | |
|--------------------------------------|-----------------------------------|--|
| Switchover Pressure | V-6135-1 | Between 2 and 4 psig (14 and 28 kPa) |
| | V-6135-2 | Between 11 and 15 psig (77 and 105 kPa) |
| | V-6135-3 | Between 15 and 19 psig (105 and 133 kPa) |
| Air Connections | Poly tubing, 5/32 or 1/4 in. O.D. | |
| Fitting Type | Barbed | |