

Adjustable Air Pressure Sensing Switches

Robertshaw

2374 Series | 2374-522 & 2374-523



1 Year
Limited
Warranty

Description

The Robertshaw® adjustable air pressure sensing switches are field-adjustable universal air pressure switches that sense positive, negative, or differential air pressure, using a diaphragm and an integral snap-acting SPDT switch with three 90° quick-connect spade terminals. Set point is adjusted via an Allen-wrench with an indicator window, and two standard setpoint ranges are offered to cover 0.15"–10.0" W.C. applications.

Kit includes: bracket, orifices, and 3/16" ID silicon cured tubing (2 ft.)

Applications

- Residential and commercial HVAC systems
- Commercial kitchen equipment
- Outdoor radiant heating products
- Pool and spa heating systems



Customer Service
+1 800 304 6563
HVACCustomerService
@robertshaw.com

Technical Service
+1 800 445 8299
TechnicalService
@robertshaw.com

www.robertshaw.com
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Specifications

Setpoint Ranges	2374-522: 0.15" – 2.0" W.C. 2374-523: 2.0" – 10.0" W.C.
Mounting Position	Mount with the diaphragm in a vertical plane
Operating Temperature Range	-40°F to 190°F (-40°C to 88°C)
Contact Arrangement	SPDT
Electrical Connections	Quick-connect copper-alloy terminals; ¼" x 0.032
Electrical Load	1/10 HP @120 to 277 VAC 28 VA pilot duty @ 24 VAC 125 VA pilot duty @ 120 VAC
Sample Line Connections	Black is positive, gray is negative
Sample Line Connectors	Integral slip-on connectors, ¼" OD, accepts 3/16" ID flexible tubing
Life	100,000 cycles minimum
Material	Glass-filled polycarbonate body with silicone diaphragm

Replacement Information

Robertshaw Part Numbers	Manufacturer	Manufacturer Part Numbers	Robertshaw Part Numbers	Manufacturer	Manufacturer Part Numbers
2374-522	A.J.ANTUNES	SMM	2374-523	A.J.ANTUNES	SMM
2374-522	A.O. SMITH	37002-35	2374-523	CLEVELAND CONTROLS	RSS498-038
2374-522	ARMSTRONG	101432-13	2374-523	CLEVELAND CONTROLS	RSS-498-13
2374-522	CLEVELAND CONTROLS	RSS495-037	2374-523	GRAINGER	3ZM97
2374-522	CLEVELAND CONTROLS	RSS-495-11	2374-523	HEIL	1170947
2374-522	GOODMAN MFG.	20197312	2374-523	LENNOX INDUSTRIES	51W91
2374-522	GRAINGER	3ZM96	2374-523	LENNOX INDUSTRIES	51W92
2374-522	LENNOX INDUSTRIES	10U93	2374-523	Robertshaw	2374-498
2374-522	LENNOX INDUSTRIES	10U94	2374-523	SUPCO	RSS498013
2374-522	LENNOX INDUSTRIES	27W17	2374-523	UNI-LINE	12534
2374-522	RHEEM	42-102069-08	2374-523	UNI-LINE	66201312534
2374-522	Robertshaw	2374-495	2374-523	UNI-LINE	RSS-498
2374-522	SUPCO	RSS495011	2374-523	YORK INTERNATIONAL	2435261000
2374-522	UNI-LINE	12533	2374-523	YORK INTERNATIONAL	024-35262-000
2374-522	UNI-LINE	66201312533	2374-523	YORK INTERNATIONAL	024-35777-000
2374-522	UNI-LINE	RSS-495			
2374-522	YORK INTERNATIONAL	024-35978-000			

