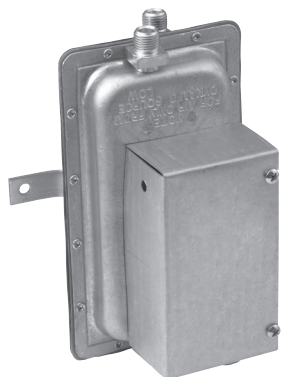


DUAL PURPOSE AIR SWITCH

White-Rodgers™

HEATING



770-1

770 SERIES DUAL PURPOSE AIR SWITCH

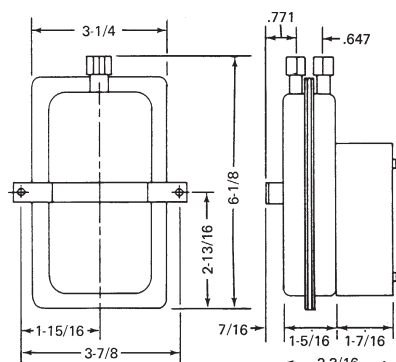
Responds to Positive, Negative or Differential Air Pressure

FEATURES

- Design eliminates “fluttering” or malfunction due to shock or vibration normally encountered with “sail switches”.
- Wide operating range.
- Furnished with one 12” piece 1/4” O.D. flexible tubing, nuts and ferrules.
- Can be mounted in any position except upside down.
- Enclosed diaphragm.

SPECIFICATIONS

Ambient Temperature -40 to +180°F
 Maximum Pressure 1/2 PSI
 Agency U.L. listed and C.S.A. approved
 1/2 HP @ 125 VAC



Model Number	Adjustable Operating Range	Switch Action	Electrical Ratings			
			Resistive (Non-Inductive)			
			120 VAC	240 VAC	277 VAC	125-277 VAC
770-1	0.05 to 12.0 W.C.	SPDT	15.0A	15.0A	15.0A	300 VA
770-3	0.05 to 12.0 W.C.	SPDT	15.0A	15.0A	15.0A	300 VA

AIR SWITCH APPLICATIONS

<p>LEGEND</p> <p>[N] Negative Pressure [D] Pressure Differential</p> <p>[P] Positive Pressure Pressure Sample Line</p>	<p>POWER HUMIDIFIERS</p> <p>Switch permits unit to operate whenever there is proper air movement.</p>
<p>ELECTRONIC AIR CLEANERS</p> <p>Switch permits power to cleaner whenever blower of system is operating.</p>	<p>PROCESS DRYING</p> <p>Switch monitors negative pressure to stop conveyor or process and provides alarm signal on fan failure. Ideal for bulk chemicals, food processing, grain drying.</p>
<p>NATURAL DRAFT BURNERS</p> <p>Switch signals insufficient draft, provides safety limit to stop firing on lack of draft, starts again on sufficient draft.</p>	<p>REFRIGERATION EQUIPMENT</p> <p>Switch responds to pressure drop across refrigeration coils to signal alarm condition or automatically initiate or terminate defrost cycle.</p>
<p>INDUCED DRAFT BURNERS</p> <p>Proves operation of I.D. fan by sampling draft or air flow. Shuts off firing equipment on fan failure.</p>	<p>DUCT STRIP HEATERS</p> <p>Switch proves air movement across heaters by positive pressure to prevent burn-out on insufficient air flow.</p>

✻ Indicates Canadian Model Number: call 1-800-305-6953 to order

Mouser Electronics

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