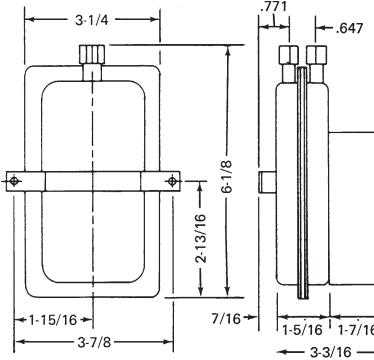


# DUAL PURPOSE AIR SWITCH

White-Rodgers®



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			
			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

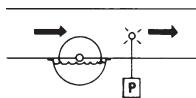
### AIR SWITCH APPLICATIONS

#### LEGEND

- N** Negative Pressure      **D** Pressure Differential  
**P** Positive Pressure      **Pressure Sample Line**

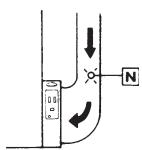
#### POWER HUMIDIFIERS

Switch permits unit to operate whenever there is proper air movement.



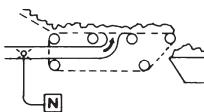
#### ELECTRONIC AIR CLEANERS

Switch permits power to cleaner whenever blower of system is operating.



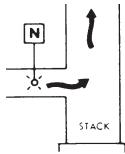
#### PROCESS DRYING

Switch monitors negative pressure to stop conveyor or process and provides alarm signal on fan failure. Ideal for bulk chemicals, food processing, grain drying.



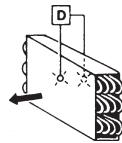
#### NATURAL DRAFT BURNERS

Switch signals insufficient draft, provides safety limit to stop firing on lack of draft, starts again on sufficient draft.



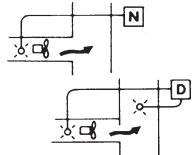
#### REFRIGERATION EQUIPMENT

Switch responds to pressure drop across refrigeration coils to signal alarm condition or automatically initiate or terminate defrost cycle.



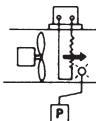
#### INDUCED DRAFT BURNERS

Proves operation of I.D. fan by sampling draft or air flow. Shuts off firing equipment on fan failure.



#### DUCT STRIP HEATERS

Switch proves air movement across heaters by positive pressure to prevent burn-out on insufficient air flow.



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

# Mouser Electronics

Authorized Distributor

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