

OUTDOOR ASPIRATED HUMIDITY/TEMPERATURE HOUSING MODEL A21

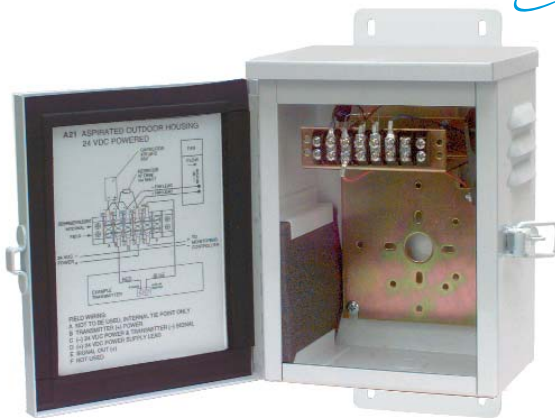


DESCRIPTION

The **Model A21 Outdoor Aspirated Humidity/Temperature Housing** provides powered aspiration for outdoor monitoring of humidity and temperature. The NEMA 3R enclosure is painted white to reduce the effect of radiation, and the enclosure has a lockable latch for security.

OPERATION

The fan pulls air in from the lower vent intake and exhausts the air out the upper opposing vent of the enclosure at 12 CFM. The 24 VDC power is supplied for both the fan and transmitters. The transmitter power is internally filtered from any fan motor noise that might affect the transmitter signal.



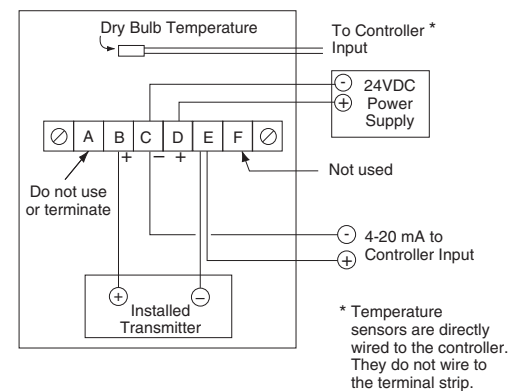
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HUMIDITY

SPECIFICATIONS

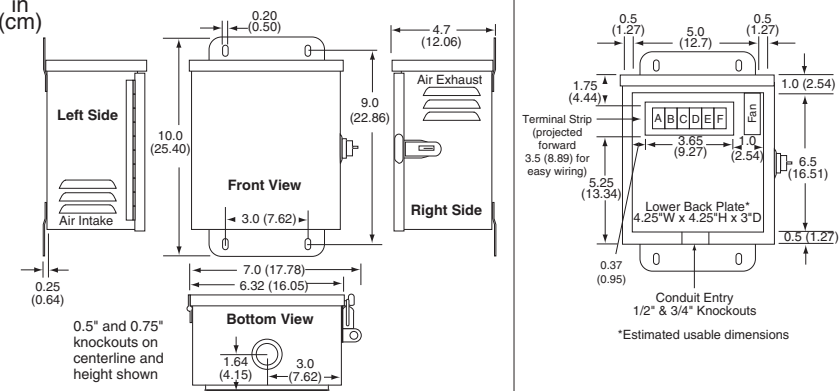
Supply voltage	24 VDC @ 110 mA (plus power requirements for the humidity/temperature transmitters)	Fan Temp range	12 CFM -40° to 120°F (-40° to 49°C)
Impedance	47Ω added to the 4-20 mA transmitter	Enclosure	NEMA 3R with white enamel paint and latch for padlock
Weight	6 lb (2.72 kg)	Hinge	Piano-type, left-hand side
Air filter	Washable foam filter	Warranty	1 year

WIRING



A21

DIMENSIONS



Mounting

Interior

ORDERING INFORMATION

MODEL	DESCRIPTION
A21	Outdoor aspirated humidity/temperature housing

RELATED PRODUCTS			
HW30K	3% wall-mount humidity sensor	ST-R0R	Precon thermistor
HW20K	2% wall-mount humidity sensor	ST-R81	100Ω platinum 385
HW1K	1% wall-mount humidity sensor	ST-R91	1000Ω platinum 375
PN46	Mounting clip for temperature sensor	ST-R85	1000Ω platinum 385
4TK2-48	Snap track for the HW30K and HW20K	A21-FAN	Replacement fan assembly