



Automation Components, Inc.

SUN SHIELD

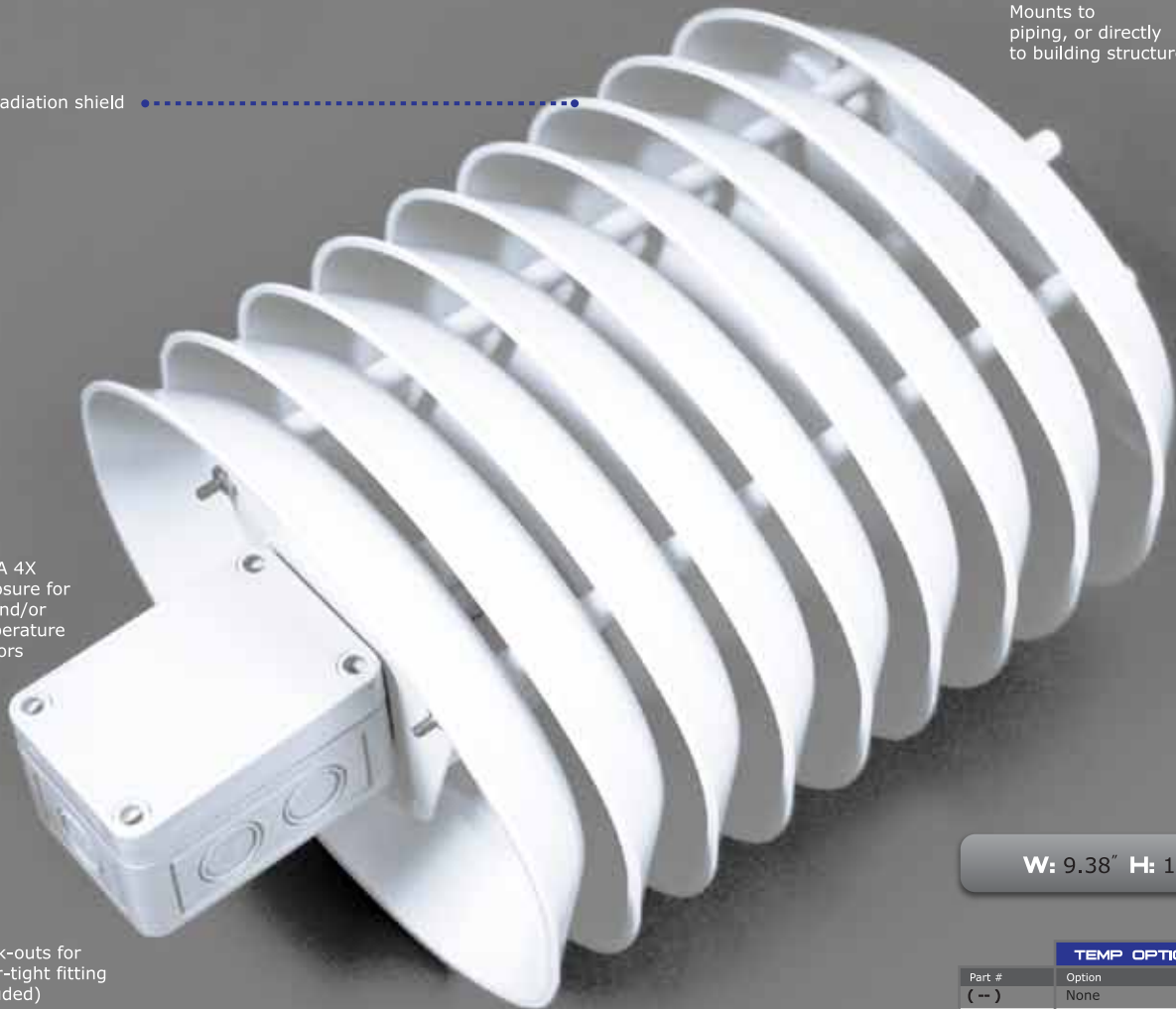
Protection Against Sun/Weather

Mounts to piping, or directly to building structure

Solar Radiation shield

NEMA 4X enclosure for RH and/or temperature sensors

Knock-outs for water-tight fitting (included)



W: 9.38" H: 15.76"

TEMP OPTION	
Part #	Option
(--)	None
(CP)	10K ohm thermistor, type II
(AN)	10K ohm thermistor, type III
(20K)	20K ohm thermistor
(1.8K)	1.8K ohm thermistor
(100KS)	100KS ohm thermistor
(10KS)	10K ohm thermistor
(3K)	3K ohm thermistor
(100)	100 ohm RTD
(1K)	1000 ohm RTD
(TT100)	Temp Transmitter, 100 ohm
(TT1K)	Temp Transmitter, 1000 ohm

SUN/WEATHER SHIELD

The ACI Sun Shield is a reliable solution for protecting temperature and relative humidity sensors. It consists of nine molded plastic plates which provide maximum airflow around the sensor while at the same time minimizing direct exposure to sunlight. The passive shield is shaped to allow natural air convection around the sensor so that the air temperature inside the shield is a good representation of the outside air. The shield also provides protection from rain and snow.

The ACI SUN SHIELD is covered by ACI's Five (5) Year Limited Warranty, which is located in the front of ACI's Sensors & Transmitters catalog or can be found on ACI's web site, which is www.workaci.com.



Made in the U.S.A.

SUN SHIELD

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Protection Against Sun/Weather

SPECIFICATIONS

For Relative/Temperature supply voltage and performance specifications, see corresponding Relative Humidity and Temperature Specification sheets.

ORDERING (Relative Humidity)

BUILD YOUR PART#

EXAMPLE

A/RH - 2% - AN - 0 - SUN

A/RH - 2% - 0 - SUN

STEP 1	A ACCURACY	B TEMPERATURE OPTION	C NEMA 4X	D SHIELD
Select accuracy, temperature option, NEMA 4X & shield. (0=NEMA 4X)	2%	(--) None	0	SUN
		(CP) 10K ohm thermistor, type II	0	SUN
		(AN) 10K ohm thermistor, type III	0	SUN
		(20K) 20K ohm thermistor	0	SUN
		(1.8K) 1.8K ohm thermistor	0	SUN
		(100KS) 100KS ohm thermistor	0	SUN
		(10KS) 10K ohm thermistor	0	SUN
		(3K) 3K ohm thermistor	0	SUN
		(100) 100 ohm RTD	0	SUN
		(1K) 1000 ohm RTD	0	SUN
		(TT100) Temp Transmitter, 100 ohm	0	SUN
		(TT1K) Temp Transmitter, 1000 ohm	0	SUN



ORDERING (Temperature)

BUILD YOUR PART#

EXAMPLE

A/ - CP - 0 - SUN

A/ - 0 - SUN

STEP 1	A TEMPERATURE	B NEMA 4X	C SHIELD
Select temperature option, NEMA 4X & shield. (0= NEMA 4X)	(CP) 10K ohm thermistor, type II	0	SUN
	(AN) 10K ohm thermistor, type III	0	SUN
	(20K) 20K ohm thermistor	0	SUN
	(1.8K) 1.8K ohm thermistor	0	SUN
	(100KS) 100KS ohm thermistor	0	SUN
	(10KS) 10K ohm thermistor	0	SUN
	(3K) 3K ohm thermistor	0	SUN
	(100) 100 ohm RTD	0	SUN
	(1K) 1000 ohm RTD	0	SUN
	(TT100) Temp Transmitter, 100 ohm	0	SUN
	(TT1K) Temp Transmitter, 1000 ohm	0	SUN



RELATIVE HUMIDITY