WP SERIES DESICCANT DEHUMIDIFIER

SIZE: 5000

GAS REACTIVATION

MOISTURE REMOVAL in lbs/hr
Leaving Dew Point Temp (˚F)

(AT 95˚F, 98 GR/LB REACT INLET)

DRYSOLUTIONS™
BECAUSE SO MUCH DEPENDS ON THE WEATHER™
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RELATIVE HUMIDITY

Model	EAT °F DB	100	90	80	70	60	50	40	30	
WP 5000	80	145.6	140.8	136.6	130.8	123.1	114.8	104.1	89.3	lbs/hr
		70	66	62	56	50	43	33	24	DP (˚F)
	70	141.2	136.0	130.5	124.3	117.0	107.5	95.0	78.0	lbs/hr
		56	52	47	41	34	25	19	9	DP (˚F)
	60	133.7	128.6	122.5	115.2	105.8	94.2	79.5	61.6	lbs/hr
		39	34	28	24	18	11	2	-6	DP (˚F)
	50	122.7	115.8	107.7	98.0	87.0	74.0	59.9	44.9	lbs/hr
		21	16	11	5	-1	-7	-13	-19	DP (˚F)
	40	100.4	92.0	82.9	73.3	63.2	52.7	42.0	31.1	lbs/hr
		0	-5	-9	-13	-17	-21	-25	-29	DP (˚F)

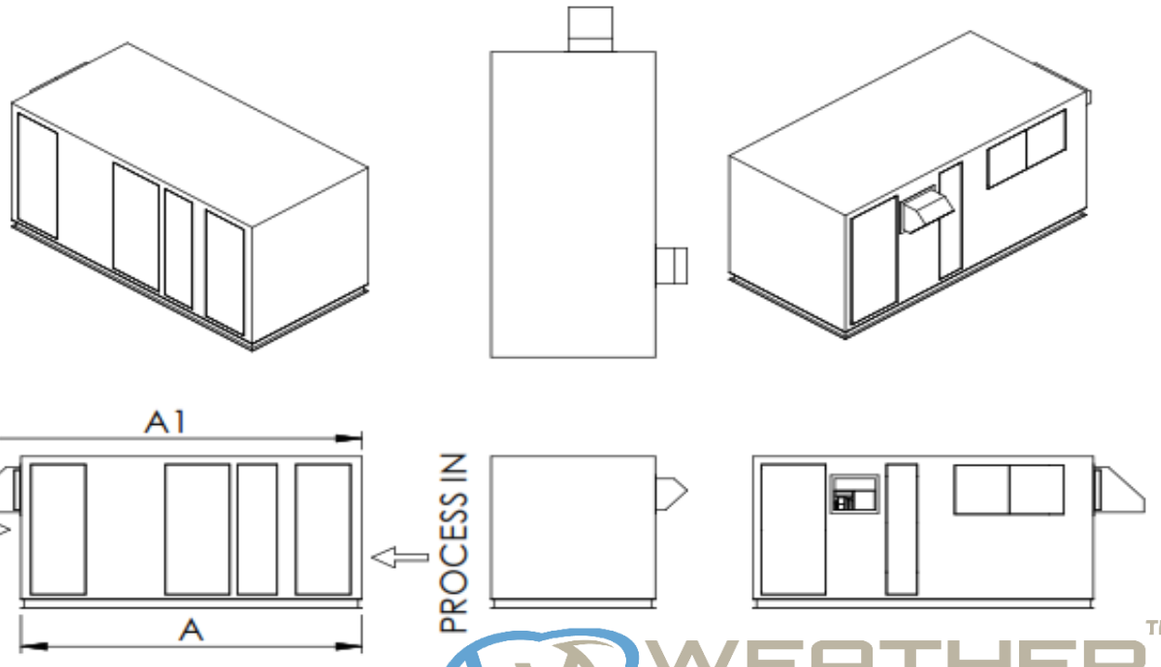
CONFORMS TO ANSI / UL STD. 1995 CERTIFIED TO CAN / CSA STD C22.2 NO.236-11

ELECTRICAL DATA		SUPPLY BLOWER		REACT BLOWER		FLA	MCA	MOP
VOLTAGE	PHASE/HZ	HP	FLA	HP	FLA			
230V	3/60	7.5	18.5	0.75	2.29	22.8	27.4	50
460V	3/60	7.5	9.4	0.75	1.4	12.8	16	20
575V	3/60	7.5	7.7	0.75	0.96	10.7	12.6	20

SPECIFICATIONS:

Unit is desiccant dehumidifier that does not use refrigerant or compressor. Unit uses an active desiccant wheel and counterflow airstreams to dehumidify supply air. Desiccant wheel is ECO-Dry by DRI. Enclosure is pre-coated galvanized steel. Blowers are direct drive. Unit uses a Carel-Controls microprocessor. Reactivation heat is modulated by controller for efficiency. Units to be ETL and ETL-c listed for compliance with CSA and Provincial Codes.

WP-5000
5000 CFM Supply
1010 CFM React



*in/ mm							
	A	137	/ 3480	B	66	/ 1676
	A1	157	/ 3988	C	68	/ 1727

WEATHER PRO™ BECAUSE SO MUCH DEPENDS ON THE WEATHER

Filter Info	TYPE	QTY	SIZE
PROCESS	MERV 8	3	28" x 20" x 2"
REACTIVATION	MERV 8	1	18" x 13-3/8" x 2"

Shipping Weight		Installed Weight	
Lbs	3,800	Lbs	3,600
Kg	1724	Kg	1633

*FOR REFERENCE ONLY. NOT FOR CONSTRUCTION.