WP SERIES DESICCANT DEHUMIDIFIER

SIZE: 12000

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 12000	80	358.9	347.5	336.8	322.1	303.5	282.7	256.1	219.2	lbs/hr
		70	66	61	56	50	42	33	23	DP (˚F)
	70	348.1	335.1	321.2	306.1	287.7	264.0	232.7	190.2	lbs/hr
		56	51	46	40	33	24	18	8	DP (˚F)
	60	328.8	316.1	300.9	282.2	258.9	229.7	193.0	149.0	lbs/hr
		39	33	27	23	17	10	1	-7	DP (˚F)
	50	300.2	282.9	262.4	238.3	210.9	178.9	144.5	108.2	lbs/hr
		20	15	10	4	-2	-8	-14	-20	DP (˚F)
	40	243.2	222.6	200.4	176.8	152.3	126.9	101.0	74.8	lbs/hr
		-1	-6	-10	-14	-18	-22	-26	-29	DP (˚F)

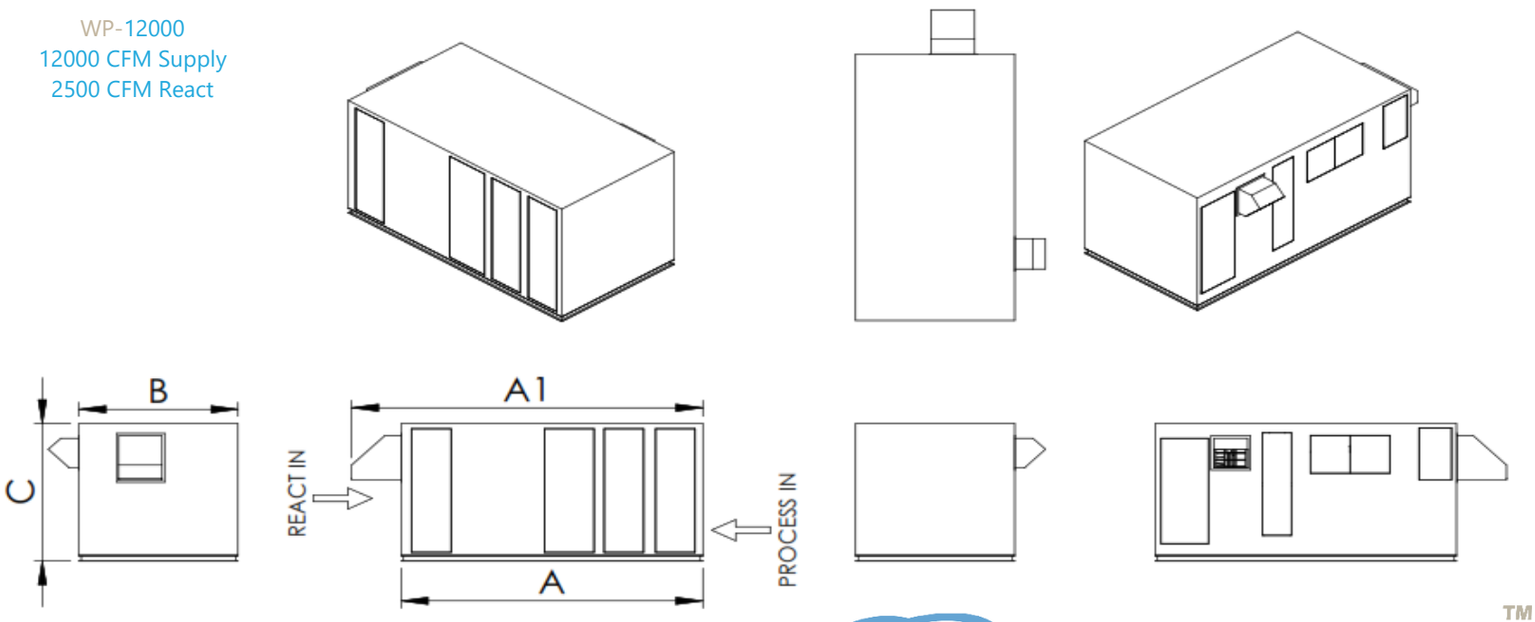
CONFORMS TO ANSI / UL STD. 1995 CERTIFIED TO CAN / CSA STD C22.2 NO.236-11

ELECTRICAL DATA		SUPPLY BLOWER		REACT BLOWER		FLA	MCA	MOP
VOLTAGE	PHASE/HZ	HP	FLA	HP	FLA			
460V	3/60	15	18.1	2	3.4	23.5	28	50
575V	3/60	15	14	2	2.4	18.4	21.9	35

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-12000
12000 CFM Supply
2500 CFM React



WEATHER PRO™ BECAUSE SO MUCH DEPENDS ON THE WEATHER

*in/ mm							
	A	182 / 4623		B	96 / 2438		
	A1	212 / 5385		C	94 / 2388		

Filter Info	TYPE	QTY	SIZE
PROCESS	MERV 8	6	28" x 20" x 2"
REACTIVATION	MERV 8	2	28" x 20" x 2"

Shipping Weight		Installed Weight	
Lbs	6,500	Lbs	6,300
Kg	2948	Kg	2858

*FOR REFERENCE ONLY. NOT FOR CONSTRUCTION.

Data subject to change without notice (Rev 10/18/2022)