

TWR HEATLESS DESICCANT AIR DRYER DATA SHEETS

MODEL		TWR1600
PERFORMANCE DATA		
Pressure Dewpoint	°F	-40
Airflow Capacity	scfm	1600
Working Pressure	psi	100
Max Working Pressure	psi	200
Inlet Air Temperature	°F	250
Max Inlet Temperature	°F	250
Min Ambient Temperature	°F	40
Max Ambient Temperature	°F	100
GENERAL DATA		
Desiccant Type		Activated Alumina
Desiccant Amount	lbs/tower	2000
Cycle Time	min	10
Water Separator Efficiency	%	93
Coarse Prefilter	µm	1.0
Fine Prefilter	µm	0.01
Afterfilter	µm	1.0
Purge Air Loss	scfm	240
Aftercooler Air Motor Loss	scfm	150
Pressure Drop	psid	12
Noise Level	dBa	85
PIPING CONNECTIONS		
Air In/Out Connection Size	in	3" Flg
Drain Connection	in	1/2" NPT
DIMENSION & WEIGHT (Pre and After Filter Included)		
Width	in	87
Height	in	88
Depth	in	98
Weight	lbs	9200
ELECTRICAL DATA		
Power Supply	v/ph/hz	120/1/60
FLA	amps	1.0
Controller Type		Solid state sequence annunciator
Electrical Class		Nema 1, 4, 4X, 12

Standard Flow rates are at the following climatic conditions –Ambient Temperature 100°F, Inlet Temperature 100°F, Inlet Pressure 100 psi g, unless specified otherwise. Ambient Temperatures, Inlet Temperatures and Inlet Pressures outside standard conditions will affect performance. Refer to brochure for conversion factors or factory for assistance in sizing. Stated minimum and maximum conditions for this unit shall not be exceeded. Doing so will affect performance and void warranty.