

## TWR1000 HEATLESS DESICCANT AIR DRYER DATA SHEETS

<b>MODEL</b>		TWR1000
<b>PERFORMANCE DATA</b>		
Pressure Dewpoint	°F	-40
Airflow Capacity	scfm	1000
Working Pressure	psi	100
Max Working Pressure	psi	200
Inlet Air Temperature	°F	100
Max Inlet Temperature	°F	250
Min Ambient Temperature	°F	40
Max Ambient Temperature	°F	100
<b>GENERAL DATA</b>		
Desiccant Type		Activated Alumina
Desiccant Amount	lbs/tower	600
Cycle Time	min	10
Coarse Prefilter Type		Coalescer
Fine Prefilter Type		Coalescer
Afterfilter Type		Particulate
Coarse Prefilter Rating	µm	1.0
Fine Prefilter Rating	µm	0.01
Afterfilter Rating	µm	1.0
Pressure Relief Valve Setting	psig	200
Noise Level	dBa	85
<b>PIPING CONNECTIONS</b>		
Air In/Out Connection Size	in	3" 150# RF Flange
Drain Connection	in	1/2" NPT
<b>DIMENSION &amp; WEIGHT</b>		
Width	in	68
Height	in	95
Depth	in	82
Weight	lbs	4368
<b>ELECTRICAL DATA</b>		
Power Supply	v/ph/hz	120/1/60
Controller Type		Solid state sequence annunciator
Electrical Class		NEMA 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.