



## TECH DATA

### SAH Series Externally Heated Desiccant Dryers – 60Hz

<u>Sullair Model</u>	<u>SAH1500</u>	<u>SAH2000</u>	<u>SAH2600</u>	<u>SAH3000</u>
<b><u>Performance Data</u></b>				
Rated flow at standard conditions [scfm]	1500	2000	2600	3000
Pressure Dew Point [°F]	-40	-40	-40	-40
Max Operating Pressure [psig]	150	135	135	135
Min Operating Pressure [psig]	80	80	80	80
Max Inlet Temp [°F]	120	120	120	120
Min Inlet Temp [°F]	50	50	50	50
Max Air Outlet Temp [°F]	350	350	350	350
<b><u>Electrical Data</u></b>				
Power Supply	480v/3Ph/ 60Hz	480v/3Ph/ 60Hz	480v/3Ph/ 60Hz	480v/3Ph/ 60Hz
FLA [amp]	24.7	33.1	33.1	39.1
SCCR [kA]	5	5	5	5
Max Fuse [amp]	N/A	N/A	N/A	N/A
NEMA Rating	12	12	12	12
Heater KW	18	25	25	30
Dryer Avg KW	9.3	12.3	16	18.5
<b><u>Dimensional &amp; Weight Data</u></b>				
Height [in]	115	113	111	111
Width [in]	114	120	144	144
Depth [in]	66	72	78	78
Total Weight [lbs]	7765	8565	11562	12002
Desiccant Weight [lbs]	2200	3000	3800	4400
<b><u>Reference Data</u></b>				
Min Ambient Operating Temp [°F]	40	40	40	40
Max Ambient Operating Temp [°F]	131	131	131	131
Pressure Relief Valve Setpoint [psig]	165	150	150	150
Air Inlet @ prefilter	3" Flange	4" Flange	4" Flange	6" Flange
Air Outlet @ afterfilter	3" Flange	4" Flange	4" Flange	6" Flange



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<b>Purge Data</b>				
Purge Flow [scfm]	120	160	208	240
Purge Set Pressure [psig]	52	30	46	31
Purge Orifice Size	7/16"	5/8"	5/8"	3/4"
<b>Cycle Time Data</b>				
Default Cycle Times [hrs]	8	8	8	8
Drying Time Per Tower @ default [hrs]	4	4	4	4
Heating Time Per Tower @ default [hrs]	2.5	2.5	2.5	2.5
Cooling Time Per Tower @ default [hrs]	1.45	1.45	1.45	1.45
Purging Time Per Tower @ default [hrs]	1.45	1.45	1.45	1.45
Repressurization Time Per Tower @ default [hrs]	0.05	0.05	0.05	0.05
Heatless Backup Cycle Time [min]	14	14	14	14
Drying Time Per Tower @ heatless backup [min]	7	7	7	7
Purging Time Per Tower @ heatless backup [min]	6	6	6	6
Repressurization Time Per Tower @ heatless backup [min]	1	1	1	1