



DRYER DATA SHEET

Doc. No.: TI.IDS-210		KAESER HEATED DESICCANT DRYERS		Date: 06/13/2022
Version: 1.1		KED SERIES		Page: 1 of 1
MODEL		2200	2600	3200
I. MINIMUM-MAXIMUM OPERATING CONDITIONS				
Maximum inlet air pressure (compressed air at inlet to dryer) ¹ [psig]		150		
Maximum inlet air temperature (compressed air at inlet to dryer) ² [°F]		120		
Min-Max ambient temperature ³ [°F]		35 - 120		
Differential Pressure at Rated Capacity [psid]		2.4	3.4	4.6
Rated dew point [°F]		-4 or -40 with purge booster		
Capacity at rated conditions ⁴ [scfm]		2200	2600	3200
Purge and cooling air flow rate at Rated Conditions [scfm]		154	182	224
II. DESICCANT DATA				
Type		Activated Alumina		
Desiccant Charge per tower				
1/8" [lbs]		1706	1706	2119
1/4" [lbs]		161	161	258
1/2" Ceramic Tab [lbs]				
Typical Service Life (Continuous Operation at rated capacity)		1-2 years		
III. ELECTRICAL DATA				
Power Supply V/Ph/Hz		460/3/60		
Heater Rated Capacity kW		27.5	32.0	40.0
Average Power Consumption at Dryer Rated Capacity [kW]		21.0	24.8	30.0
Control Circuit Fuse Rating A		1.25		
Full Load Amps at 460VAC		33.07	38.49	48.11
Suggested Fuse Size, Heater		45	50	65
Enclosure NEMA Rating		NEMA 4/4X		
IV. GENERAL INFORMATION				
Envelope dimensions - W x D x H [in] <i>(dimensions do not include a filter package)</i>		85 x 73 x 128	85 x 73 x 128	85 x 82 x 125
Total Weight [lbs]		7753	7753	8963
Air Connection ASME/ANSI 16.5 150lb Raised Face Flange		4"		
Service Clearance [in]				
Front		24		
Back		24		
Sides		24		
Noise Level at Rated Conditions db(A)		85 as a time weighted average when measured in a free field at 3 feet from dryer		

Note: See Service Manual for complete details

1. 250 MAWP Available
2. Inlet temperatures higher than 100°F cause higher outlet PDP
3. Low ambient available
4. Rated conditions = inlet air pressure of 100 psig, inlet air temperature of 100°F, and max. ambient temperature of 100°F