



DRYER DATA SHEET

Doc. No.: TI.IDS-121		KAESER SECOTEC™ REFRIGERATED CYCLING DRYERS			Date: 04/04/2021
Version: 2.4		TB SERIES			Page: 1 of 1
MODEL		TB19		TB26	
I. MINIMUM-MAXIMUM OPERATING CONDITIONS					
Maximum inlet air pressure (compressed air at inlet to dryer) [psig]		232		232	
Maximum inlet air temperature (compressed air at inlet to dryer) [°F]		130		130	
Min-Max ambient temperature [°F]		38-110		38-110	
Nominal pressure drop at rated flow [psid]		2.6		2.6	
Rated dew point* [°F]		39		39	
Rated capacity* [scfm**]		74		90	
II. REFRIGERATION SYSTEM DATA					
BTU/HR - Refrigeration ASHRAE		4200		5700	
Outlet air temperature (nominal at rated conditions) [°F]		83		81	
Refrigerant type		R-513A		R-513A R-513A	
Refrigerant charge [lb]		1.3		1.3[115V] 1.2[230V]	
Air flow across condenser [cfm]		530		636	
III. ELECTRICAL DATA					
Nominal Voltage		115V/1/60 230V/1/60		115V/1/60 230V/1/60	
Min-Max voltage		103V-127V 207V-253V		103V-127V 207V-253V	
Amperage Draw		7.8 3.4		10.2 4.4	
Total Full Load Amps		7.8		3.4	
Compressor Full Load Amps		6.9		3.1	
Compressor Locked Rotor Amps		34		32	
Unit Protection fuse size [amps]		15		15	
Branch circuit fuse size [amps]		1		1	
Max Power consumption [kW]		0.7		0.6	
Power Consumption according to ISO 7183 Option A2 [kW]		0.6		0.5	
				0.7 0.8	
IV. GENERAL INFORMATION					
Envelope dimensions - W x D x H [in]		21-1/4 x 25-7/8 x 37-7/8		21-1/4 x 25-7/8 x 37-7/8	
Weight [lb]		238		256	
Noise level measured in dB(A) at 1 m (approx. 40 in) ***		< 70		< 70	
Control Cabinet Class [NEMA]		12		12	
Air inlet/outlet connections		1 NPT		1 NPT	
Drain connection [in]		1/4		1/4	
V. SERVICE/AIRFLOW CLEARANCES* (inches)					
<p>*If Clearances cannot be met, please consult factory.</p> <p>Cooling airflow: "A" = inlet "B" = outlet</p>					

* Rated conditions = inlet air pressure of 100 psig, inlet air temperature of 100°F, 100% Relative Humidity, and max. ambient temperature of 100°F
 ** SCFM = Standard Cubic Foot per Minute at 68°F, 0% Relative Humidity, and 14.5 psia
 *** Sound pressure level as per EN ISO 11203 and the basic standard ISO 9614-2
 Note: See Service Manual for complete details