

Non Cycling Refrigerated Dryer - Air Cooled

Engineering Data

Date: 1-Sep-20
Cancels: All Previous

Model Name	DA127INA	DA170INA	DA255INA	DA340INA
Performance Data				
Specified In accordance with ISO 7183, Table 2, Option A2 100 PSIG/100° F Inlet/100° F Ambient/100% Relative Humidity				
Conditions				
Rated Flow (cfm)	75	100	150	200
Pressure Drop (Psig)	0.84	1.40	1.10	2.30
Condensate Produced (Gal/Hr)	0.19	0.25	0.38	0.50
Electrical Data				
Installed Package Power (kW)	0.66	0.85	0.88	1.12
Electrical Supply (V/ph/Hz)	115/1/60	115/1/60	115/1/60	115/1/60
Minimum Circuit Ampacity	8.60	11.80	12.10	17.70
Maximum Fuse Size	12.00	20.00	20.00	20.00
Electrical Protection Class	NEMA 1	NEMA 1	NEMA 1	NEMA 1
Weights & Dimensions				
Package Dimensions(in) W	15.2	15.2	19.7	19.7
Package Dimensions(in) D	19.7	19.7	30.3	30.3
Package Dimensions(in) H	24.3	24.3	37.5	37.5
Weight (lbs)	94	99	154	170
General Data				
Air Inlet/Outlet Connections (in)	3/4	3/4	1 1/2	1 1/2
Air Connection Type	FPT	FPT	FPT	FPT
Heat Rejection (Btu/hr)	3,139	4,402	5,664	7,950
Max Operating Ambient Temp (°F)	113	113	113	113
Max Operating Inlet Air Temp (°F)	120	120	120	120
Min Operating Ambient Temp (°F)	50	50	50	50
Max Operating Pressure (Psig)	200	200	200	200
Sound Level (dBA)	<85	<85	<85	<85
Condensate Drain Connection	1/4" OD Nylon Tube	1/4" OD Nylon Tube	1/4" OD Nylon Tube	1/4" OD Nylon Tube
Refrigerant Type	R134A	R134A	R134A	R134A
Refrigerant Charge (lb-oz)	0-14	1-0	2-0	1-12

Product improvement is an ongoing process at IR. Data is subject to change without notice.

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Electrical Data				
Installed Package Power (kW)	0.71	0.81	0.84	1.13
Electrical Supply (V/ph/Hz)	230/1/60	230/1/60	230/1/60	230/1/60
Minimum Circuit Ampacity	4.40	4.60	4.80	8.90
Maximum Fuse Size	7.00	7.00	8.00	15.00
Electrical Protection Class	NEMA 1	NEMA 1	NEMA 1	NEMA 1
Weights & Dimensions				
Package Dimensions(in) W	15.2	15.2	19.7	19.7
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