

## Refrigerated Dryer

Engineering Data  
December 1, 2020  
Revision 2

MODEL		D12IN	D18IN	D25IN	D42IN	D54IN	D72IN	D108IN
<b>Performance Data</b>								
AIR FLOW RATE*	CFM	7	11	15	25	32	42	64
	M3/h	12	18	25	42	54	72	108
PRESSURE DROP	PSIG	0.15	0.44	0.15	0.44	0.58	1.16	0.44
DEW POINT*	°F / °C	< 50°F / 10°C (ISO CLASS 6)						
<b>Electrical Data</b>								
POWER SUPPLY	VOLT/PH/Hz	115/1/60						
COMPRESSOR	HP	1/10	1/10	1/10	1/6	1/4	1/4	1/2
	kW	0.16	0.16	0.16	0.21	0.37	0.37	0.48
	Max kW	0.22	0.22	0.22	0.27	0.49	0.49	0.66
	RLA	1.89	1.89	1.89	2.51	4.23	4.23	5.63
	FLA	2.21	2.21	2.21	2.95	5.24	5.24	6.96
DRYER TOTAL	LRA	18	18	18	23	35	35	34
	Amps	2.8	2.8	2.8	3.6	6	6	8
MAX FUSE	A	Not present						
MCA	A	Not present						
<b>Weights &amp; Dimensions</b>								
DIMENSIONS (in)	Width	12			16			16.5
	Length	16			18			21.5
	Height	16			18			22.5
WEIGHT	LB	39.7	39.7	39.7	60	61.7	61.7	77.2
	KG	18	18	18	27	28	28	35
<b>General Data</b>								
CONNECTION	NPT	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"
MAX AIR INLET TEMP	°F	140						
	°C	60						
MIN-MAX AMBIENT TEMP	°F	36 - 122						
	°C	2 - 50						
AIR PRESSURE MAX	psi	203						
	bar	14						
REFRIGERANT	TYPE	R134a						
	LB	0.31	0.31	0.31	0.62	0.57	0.57	0.77
SEPARATOR	Type	Stainless Steel Demister						
DRAIN	Type	Electric Timer Solenoid						
HEAT EXCHANGER	Type	Aluminum Braze Plate						
PROTECTION	Rating	IP42 / NEMA 12						
CLASSIFICATION	Rating	ul Listed						

\*Rating conditions of: 38°C (100°F) and 100 psig Air Inlet, 38°C (100°F) Ambient  
Performance and specifications + / - 5%