



DRY STAR HOT

REFRIGERATED AIR DRYER

Ref: 11163.03
 Date: 15 August 2003
 Cancels: 15 November 2002

Campbellsville, Kentucky

Technical Data Models DS15-H - DS100-H

Operating Conditions:

- Maximum inlet air temperature: 200°F (93°C)
- Minimum inlet air temperature: 40°F (5°C)
- Maximum ambient air temperature: 115°F (46°C)
- Minimum ambient air temperature: 40°F (5°C)
- Maximum operating pressure: 232 psig (16 bar g)
- Electrical requirements: 115 V/1Ø/60 Hz

Model	Flow Capacity		Pressure Drop		Power Consumption kW	Dimensions inches (cm)						Approx. Ship Wt.		In-Out
	scfm	Nm3/min	psig	barg		H		W		L		lbs.	kg	Connections
						inches	cm	inches	cm	inches	cm			NPTF (inches)
DS15-H	15	0.4	2.4	0.17	0.30	32.0	81.3	7.8	19.8	17.7	45.0	55	25	3/8
DS25-H	25	0.7	2.1	0.14	0.39	39.0	99.1	11.1	28.2	23.6	59.9	93	42	1/2
DS35-H	35	1.0	3.8	0.26	0.54	39.0	99.1	11.1	28.2	23.6	59.9	95	43	1/2
DS50-H	50	1.4	3.3	0.23	0.72	47.7	121.2	13.9	35.3	27.6	70.1	134	61	3/4
DS75-H	75	2.1	3.4	0.23	0.99	47.7	121.2	13.9	35.3	27.6	70.1	154	70	3/4
DS100-H	100	2.8	4.8	0.34	1.22	47.7	121.2	13.9	35.3	27.6	70.1	161	73	3/4

Notes:

1. All models listed are air-cooled.
2. Capacity ratings are based on 125 psig (8.6 barg) inlet air pressure, 180°F (82°C) inlet air temperature, 95°F (35°C) ambient air temperature and a 50°F (10°C) pressure dew point.
3. Input power requirement shown is for an air-cooled unit. The total input kW shown includes the refrigeration compressor, refrigerant condenser fan, Aftercooler fan and controls.
4. Shipping weight is approximate.
5. All data is subject to change without notice.