

RENTAL SPECIFICATION D4800-400-36

Cycling Refrigerant Air Dryer

- Cycling direct operating refrigeration dryer
- Complete package with built-in controls and automatic drain system
- Electric driven, highly efficient hermetic compressor



Rental reference	D4800-400-36
Make	Ingersoll Rand
Base model	D4800 IN
Capacity*	80 m ³ /min (4800 m ³ /h – 2824 cfm)
Working pressure	4 to 13 Bar Bar(g) – (56 to 182 PSI (G))
Min/Max. inlet temp.	+5° to +40° C
Min/Max ambient	+5° to 46°C
Pressure dew point	+2 ° to +10° C
Discharge connection	DN150-PN16 (other connection on request)
Voltage	400 V, 3 Ph, 50 Hz
Absorbed power	10.3 kW (@ 50 Hz)
Absorbed current	18.6 A
Gross weight	1050 kg
Dimensions	150 x 151 x 157 cm
Sound pressure	<70 dB(A) (EN ISO 2151:2004)

Machine is equipped with auto start option. Automatic Condensate discharge system level sensed. Integrated control system.

NOTE*:

CORRECTION FACTORS

PRESSURE DEWPOINT	
RANGE (°C)	FACTOR
2	1.0
4	1.05
7	1.16
10	1.25

AMBIENT TEMPERATURE	
TEMP (°C)	FACTOR
20	1.06
25	1.00
30	0.95
35	0.90
40	0.85
43	0.84
47	0.80

Inlet temp (°C)	WORKING PRESSURE (bar g)												
	4	5	6	7	8	9	10	11	12	13	14	15	16
25	1.18	1.21	1.23	1.26	1.31	1.34	1.37	1.40	1.42	1.46	1.49	1.51	1.54
30	1.04	1.07	1.09	1.11	1.15	1.18	1.21	1.23	1.25	1.29	1.31	1.33	1.35
35	0.94	0.96	0.98	1.00	1.04	1.06	1.09	1.11	1.13	1.16	1.18	1.20	1.22
40	0.84	0.85	0.87	0.89	0.93	0.94	0.97	0.99	1.01	1.03	1.05	1.07	1.09
45	0.74	0.76	0.77	0.79	0.82	0.84	0.86	0.88	0.89	0.92	0.93	0.95	0.96
50	0.66	0.67	0.68	0.70	0.73	0.74	0.76	0.78	0.79	0.81	0.83	0.84	0.85
55	0.58	0.60	0.60	0.62	0.64	0.66	0.68	0.69	0.70	0.72	0.73	0.74	0.76

Optional equipment:

- *Pressure reduction
- *Air receiver tanks
- *Hoses
- *Compressors

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