

Gardner Denver			L30 RS							TIS L30RS/CE	
			Technical Information Sheet								
			Regulated Speed, Air Cooled, 50Hz							[Eng.Vers.2] 05/12/11	
Performance Data			L30 RS								
Maximum working pressure			bar g	10.0							
Minimum working pressure			bar g	5.0							
Ambient temperature - min/max			°C	1 to 45							
				min. speed	speed 1	speed 2	speed 3	speed 4	max. speed		
5 bar	FAD* (Male rotor speed - rpm)	m³/min	1.40 (800)	2.22 (1196)	3.05 (1608)	3.88 (2037)	4.71 (2487)	5.53 (2960)			
	Total input power* (P spec. - kW min/m³)	kW	9.66 (6.92)	13.22 (5.95)	17.23 (5.65)	21.67 (5.59)	26.69 (5.67)	32.34 (5.84)			
6 bar	FAD*	m³/min	1.37 (800)	2.20 (1196)	3.03 (1608)	3.86 (2038)	4.69 (2487)	5.52 (2960)			
	Total input power*	kW	10.63 (7.77)	14.44 (6.57)	18.70 (6.17)	23.39 (6.06)	28.64 (6.11)	34.52 (6.25)			
7 bar	FAD*	m³/min	1.34 (800)	2.17 (1196)	3.01 (1607)	3.84 (2036)	4.67 (2486)	5.50 (2960)			
	Total input power*	kW	11.65 (8.68)	15.68 (7.21)	20.17 (6.71)	25.09 (6.54)	30.60 (6.55)	36.77 (6.68)			
7.5 bar	FAD*	m³/min	1.33 (800)	2.16 (1195)	2.99 (1605)	3.83 (2034)	4.66 (2485)	5.49 (2960)			
	Total input power*	kW	12.19 (9.16)	16.30 (7.54)	20.90 (6.98)	25.94 (6.78)	31.59 (6.78)	37.93 (6.91)			
8 bar	FAD*	m³/min	1.32 (800)	2.13 (1181)	2.93 (1578)	3.74 (1993)	4.55 (2429)	5.35 (2890)			
	Total input power*	kW	12.75 (9.66)	16.81 (7.90)	21.33 (7.27)	26.31 (7.03)	31.88 (7.01)	38.16 (7.13)			
9 bar	FAD*	m³/min	1.30 (800)	2.06 (1154)	2.81 (1522)	3.57 (1908)	4.32 (2314)	5.07 (2745)			
	Total input power*	kW	13.95 (10.71)	17.83 (8.67)	22.13 (7.87)	26.95 (7.56)	32.33 (7.48)	38.44 (7.58)			
10 bar	FAD*	m³/min	1.29 (800)	1.99 (1128)	2.70 (1470)	3.40 (1828)	4.11 (2207)	4.81 (2610)			
	Total input power*	kW	15.20 (11.80)	18.87 (9.47)	22.95 (8.51)	27.61 (8.11)	32.78 (7.98)	38.71 (8.04)			
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* Data measured and stated in accordance with ISO1217 4rd Edition Annex E and at the following conditions:

Air Intake Pressure: 1 bar a / 14.5 psia

Air Intake Temperature: 20°C / 68°F

Humidity: 0% (dry)

** Measured in free field conditions in accordance with the ISO 2151, tolerance ± 3dB(A).

CompAir policy is one of continuous improvement and we therefore reserve the right to alter specifications without prior notice.