CompAir	L45-L50	TIS L45-L50/10/CE
	Technical Information Sheet	V2
	Air Cooled 50 Hz	11.05.15

Performance Data			L45			L50	
Working pressure		bar g	7.5	10	13	7.5	10
Minimum working pressure		bar g	5,0				
Ambient temperature - min/max		°C	1 to 45				
Working Pressure	FAD * @ max. working pressure	m3/min	**8,00**	**7,00**	**6,11**	**8,67**	**7,40**
	Total package input power* @max.w.pr.	kW	**54,82**	**53,93**	**54,17**	**55,69**	**54,39**
5 bar	FAD	m3/min	**8,05**	**7,11**	**6,27**	**8,70**	**7,49**
	Total input power	KW	47,57	40,96	35,66	48,14	40,42
6 bar	FAD	m3/min	**8,03**	**7,09**	**6,25**	**8,69**	**7,47**
	Total input power	KW	50,78	43,67	38,03	51,22	43,32
7 bar	FAD	m3/min	**8,01**	**7,06**	**6,23**	**8,67**	**7,45**
	Total input power	KW	53,96	46,37	40,39	54,22	46,17
7.5 bar	FAD	m3/min	**8,00**	**7,05**	**6,22**	**8,67**	**7,45**
	Total input power	KW	54,82	47,70	41,56	55,69	47,58
8 bar	FAD	m3/min		**7,04**	**6,21**		**7,44**
	Total input power	KW		49,03	42,74		48,96
9 bar	FAD	m3/min		**7,02**	**6,19**		**7,42**
	Total input power	KW		51,67	45,07		51,69
10 bar	FAD	m3/min		**7,00**	**6,17**		**7,40**
	Total input power	KW		53,93	47,38		54,39
11 bar	FAD	m3/min			**6,15**		
	Total input power	KW			49,67		
12 bar	FAD	m3/min			**6,13**		
	Total input power	KW			51,93		
13 bar	FAD	m3/min			**6,11**		
	Total input power	KW			54,17		
Total input power at no load, fan switched off		kW	14,6	12,8	10,8	13,3	11,6
Male rotor speed		rpm	4158	3661	3228	2404	2096
Approx. discharge temperature of air above ambient		°C	7	6	6	7	6
Free field noise level **		dB(A)	69			67	

Electrical Data		
Nominal motor rating	kW	45
Full load Current max. @ 220V / 380V / 400V	Amp	188 / 109 / 102
Starting Current max. IP55 (400V)		Approx. 2.5 times full load current
Standard drive motor detail	IP	IP55 (IE-3) - IEC 60034-2-1 ECA Qualifying
Drive motor speed	rpm	3000
Fan motor rating	kW	1,4 (IP-54)
Suggested cable size @ 220V / 380V / 400V	mm2	3x95PE50 / 4G50 / 4G50
Suggested fuse rating @ 220V / 380V / 400V, time delay	Amp	200 AgL / 125 AgL / 125 AgL

Cooling Data		
Ventilating fan capacity	m3/min	87
Heat rejected by ventilating fan	%	max. 95% of terminal power
Size of cooling air inlet aperture	mm	731 x 639
Size of cooling air outlet aperture	mm	764 x 740
Cooling air temp above ambient approx.	°C	28
Max. allowable pressure drop in duct at ambient 35°C / 45°C	Pa	130 / 90

Weights Dimensions and Capacities Data			
Compressor oil capacity	litres	23	
Approx.. Oil carry over	mg/m3	< 3	
Compressed air delivery connection		EN 10226 R 1 1/2 (DIN 2999-R 1 1/2)	
Weight	kg	988	1055
Package dimensions L x W x H	mm	1722 x 920 x 1659	

* Data measured and stated in accordance with ISO1217 Annex C and Pneurop / Cagi PN2CPTC2 and at the following conditions:

Air Intake Pressure - 1 bar a / 14.5 psia

Air Intake Temperature - 20oC / 68oF

Humidity - 0%(dry)

**Measured in free field conditions in accordance with the Pneurop Cagi PN8TNC2.3 test code, tolerance ± 3dB.

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