

# CompAir L-Series - Technical Data

## L50, L80 & L140

Compressor Model	Nominal Pressure [bar g]	Drive Motor [kW]	FAD <sup>1)</sup> [m <sup>3</sup> /min]	Noise Level <sup>2)</sup> [dB(A)]	Weight [kg]	Dimensions L x W x H [mm]
L50	7.5	45	8.67	67	1055	1722x920x1659
	10		7.40			
L80	7.5	75	14.72	69	2010	2158x1223x1971
	10		12.26			
L140	7.5	132	24.65	73	3254	2337x1368x2039
	10		21.59			

## Integrated dryer option

Compressor Model	Integrated Dryer Option	Weight [kg]
L50	F45E (L50F)	120
L80	F75E (L80F)	139



<sup>1)</sup> Data measured and stated in accordance with ISO 1217, Edition 4, Annex C and Annex E and the following conditions:  
Air Intake Pressure 1 bar a, Air Intake Temperature 20°C, Humidity 0 % (Dry).

<sup>2)</sup> Measured in free field conditions in accordance with ISO 2151, tolerance ± 3dB (A).

<sup>3)</sup> Data refer to ISO 7183, working pressure of 7 bar, inlet temperature 35°C and ambient temperature 25°C.

## Heat Recovery Performance Data

Compressor Model	Water flow rate Litre / hr		Outlet Temperature [°C]		Typical Energy Saving kW
L50	1770	708	45	75	41.0
L80	2796	1116	45	75	64.8
L140	4782	1914	45	75	110.8

The above table is dependent on the site conditions and shows examples of kW savings at stated water temperature rises. CompAir's energy recovery system offers saving on a wide range of inlet and outlet temperatures. For alternative temperatures please contact your local CompAir representative.