

# CompAir L-Series - Technical Data

## Base Mounted

Compressor Model	Maximum Pressure [bar g]	FAD @ 10 bar/145 psi <sup>1)</sup> [m <sup>3</sup> /min]	Motor [kW (hp)]	Starter Options	Controller Options	Receiver Size [l]	Noise Level <sup>2)</sup> [dB(A)]	Weight [kg]	Dimensions LxWxH [mm]
L02 - (230 V)	10	0.21	2.2 (3)	DOL	Pressure Switch	-	61	100	620 x 600 x 840
L02	10	0.24	2.2 (3)	DOL	Pressure Switch	-	61	100	620 x 600 x 840
L03	10	0.36	3 (4)	DOL	Pressure Switch	-	61	100	620 x 600 x 840
L04	10	0.53	4 (5)	DOL	Pressure Switch	-	62	105	620 x 600 x 840
L05	10	0.67	5.5 (7)	DOL	Pressure Switch	-	66	105	620 x 600 x 840
L04	10	0.53	4 (5)	Star-Delta	AirBasic2	-	62	105	620 x 600 x 840
L05	10	0.67	5.5 (7)	Star-Delta	AirBasic2	-	66	105	620 x 600 x 840

## Receiver Mounted

Compressor Model	Maximum Pressure [bar g]	FAD @ 10 bar/145 psi <sup>1)</sup> [m <sup>3</sup> /min]	Motor [kW (hp)]	Starter Options	Controller Options	Receiver Size [l]	Noise Level <sup>2)</sup> [dB(A)]	Weight [kg]	Dimensions LxWxH [mm]
L02 - 200 (230 V)	10	0.21	2.2 (3)	DOL	Pressure Switch	200	61	165	1450 x 600 x 1355
L02 - 200	10	0.24	2.2 (3)	DOL	Pressure Switch	200	61	165	1450 x 600 x 1355
L03 - 200	10	0.36	3 (4)	DOL	Pressure Switch	200	61	165	1450 x 600 x 1355
L04 - 200	10	0.53	4 (5)	DOL	Pressure Switch	200	62	170	1450 x 600 x 1355
L04 - 500 <sup>4)</sup>	10	0.53	5.5 (7)	DOL	Pressure Switch	500	62	255	1950 x 680 x 1520
L05 - 200	10	0.67	5.5 (7)	DOL	Pressure Switch	200	66	170	1450 x 600 x 1355
L05 - 500 <sup>4)</sup>	10	0.67	5.5 (7)	DOL	Pressure Switch	500	66	255	1950 x 680 x 1520
L04 - 200	10	0.53	4 (5)	Star-Delta	AirBasic2	200	62	170	1450 x 600 x 1355
L04 - 500 <sup>4)</sup>	10	0.53	4 (5)	Star-Delta	AirBasic2	500	62	255	1950 x 680 x 1520
L05 - 200	10	0.67	5.5 (7)	Star-Delta	AirBasic2	200	66	170	1450 x 600 x 1355
L05 - 500 <sup>4)</sup>	10	0.67	5.5 (7)	Star-Delta	AirBasic2	500	66	255	1950 x 680 x 1520

## AIRSTATION<sup>3)</sup>

Compressor Model	Maximum Pressure [bar g]	FAD @ 10 bar/145 psi <sup>1)</sup> [m <sup>3</sup> /min]	Motor [kW (hp)]	Starter Options	Controller Options	Receiver Size [l]	Noise Level <sup>2)</sup> [dB(A)]	Weight [kg]	Dimensions LxWxH [mm]
L02FS - 200 (230 V)	10	0.21	2.2 (3)	DOL	Pressure Switch	200	61	212	1450 x 600 x 1355
L02 FS - 200	10	0.24	2.2 (3)	DOL	Pressure Switch	200	61	212	1450 x 600 x 1355
L03 FS - 200	10	0.36	3 (4)	DOL	Pressure Switch	200	61	212	1450 x 600 x 1355
L04 FS - 200	10	0.53	4 (5)	DOL	Pressure Switch	200	62	213	1450 x 600 x 1355
L04 FS - 500 <sup>4)</sup>	10	0.53	4 (5)	DOL	Pressure Switch	500	62	290	1950 x 680 x 1520
L05 FS - 200	10	0.67	5.5 (7)	DOL	Pressure Switch	200	66	217	1450 x 600 x 1355
L05 FS - 500 <sup>4)</sup>	10	0.67	5.5 (7)	DOL	Pressure Switch	500	66	295	1950 x 680 x 1520
L04 FS - 200	10	0.53	4 (5)	Star-Delta	AirBasic2	200	62	213	1450 x 600 x 1355
L04 FS - 500 <sup>4)</sup>	10	0.53	4 (5)	Star-Delta	AirBasic2	500	62	290	1950 x 680 x 1520
L05 FS - 200	10	0.67	5.5 (7)	Star-Delta	AirBasic2	200	66	217	1450 x 600 x 1355
L05 FS - 500 <sup>4)</sup>	10	0.67	5.5 (7)	Star-Delta	AirBasic2	500	66	295	1950 x 680 x 1520

1) Data measured and stated in accordance with ISO 1217 Ed. 4, Annex C and the following conditions: Air Intake Pressure 1 bar a ; Air Intake Temperature 20° C ; Humidity 0 % (dry)

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

3) The refrigerant dryer requires a separate electric supply. Data refer to ISO 7183, A; pressure dew point 3° C

4) 500 ltr receiver option not available with AD2000



# CompAir L-Series - Technical Data

## L07 - L22 Fixed Speed



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]
L07	7.5	7.5	1.30	70	205	667 x 630 x 1050
	10		1.06			
	13		0.85			
L11	7.5	11	1.82	70	219	667 x 630 x 1050
	10		1.61			
	13		1.32			
L15	7.5	15	2.70	70	335	787 x 698 x 1202
	10		2.26			
	13		1.80			
L18	7.5	18.5	3.25	71	361	787 x 698 x 1202
	10		2.74			
	13		2.34			
L22	7.5	22	3.65	71	367	787 x 698 x 1202
	10		3.21			
	13		2.61			

## L07RS - L22RS Regulated Speed

Compressor Model	Nominal Pressure [bar g]	Drive Motor [kW]	FAD <sup>1)</sup> [m <sup>3</sup> /min]		Noise Level at 70% load <sup>2)</sup> [dB(A)]	Weight [kg]	Dimensions L x W x H [mm]
			min.	max.			
L07RS	7.5	7.5	0.48	1.26	63	222	667 x 630 x 1050
	10		0.44	1.01			
	13		0.41	0.83			
L11RS	7.5	11	0.63	1.81	64	231	667 x 630 x 1050
	10		0.64	1.56			
	13		0.57	1.26			
L15RS	7.5	15	0.92	2.60	67	365	787 x 698 x 1202
	10		0.86	2.18			
	13		0.83	1.67			
L18RS	7.5	18.5	1.33	3.05	68	381	787 x 698 x 1202
	10		1.28	2.62			
	13		1.22	2.20			
L22RS	7.5	22	1.04	3.54	69	386	787 x 698 x 1202
	10		0.93	3.15			
	13		0.90	2.66			

## L07 - L22 / L07RS - L22RS Airstation

Compressor Model	Nominal Pressure [bar g]	Refrigeration Dryer <sup>3)</sup> [type]	Air Receiver [Volume]	Air Outlet	Weight [kg]	Dimensions L x W x H [mm]
L07 / L07RS	7.5	F12HS-B0	270 litres	RP ¾"	336 / 353	1541 x 695 x 1577
	10					
L11 / L11RS	7.5	F18HS-B0	270 litres	RP ¾"	350 / 362	1541 x 695 x 1577
	10					
L15 / L15RS	7.5	F30HS-B0	500 litres	RP 1"	545 / 575	1883 x 815 x 1825
	10					
L18 / L18RS	7.5	F39HS-B0	500 litres	RP 1"	617 / 637	1883 x 815 x 1825
	10					
L22 / L22RS	7.5	F39HS-B0	500 litres	RP 1"	622 / 641	1883 x 815 x 1825
	10					

<sup>1)</sup> Data measured and stated in accordance with ISO 1217 Ed. 4, Annex C & 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 and ISO 9614-2, tolerance ± 3 dB(A).

<sup>3)</sup> The refrigerant dryer requires a separate electric supply. Data refer to DIN ISO 7183, 8573-1:2001 (class 4, pressure dew point 3° C). For further specifications please refer to refrigerant dryer documentation.

## CompAir L-Series - Technical Data

### L23 - L29 Fixed Speed

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]
L23	7.5	22	4.16	67	650	1345 x 880 x 1612
	10	22	3.45	67	650	1345 x 880 x 1612
	13	22	2.98	67	650	1345 x 880 x 1612
L26	7.5	26	4.84	68	677	1345 x 880 x 1612
	10	26	4.13	68	677	1345 x 880 x 1612
	13	26	3.44	68	677	1345 x 880 x 1612
L29	7.5	30	5.52	69	681	1345 x 880 x 1612
	10	30	4.81	69	681	1345 x 880 x 1612
	13	30	4.12	69	681	1345 x 880 x 1612

### L23F - L29F Fixed Speed with Integrated Dryer

Compressor Model	Refrigeration dryer [type]	Pressure Dew Point <sup>3)</sup> [°C]	Weight [kg]	Dimensions L x W x H [mm]
L23F	F29E	5	840	1675 x 880 x 1612
L26F	F29E	5	867	1675 x 880 x 1612
L29F	F29E	5	871	1675 x 880 x 1612

### L23RS - L29RS Regulated Speed

Compressor Model	Min. - Max. pressure [bar g]	Drive Motor [kW]	FAD <sup>1)</sup> at 7.5 bar g [m <sup>3</sup> /min]	FAD <sup>1)</sup> at 10 bar g [m <sup>3</sup> /min]	FAD <sup>1)</sup> at 13 bar g [m <sup>3</sup> /min]	Noise level @ 70% load <sup>2)</sup> , 1m [dB(A)]	Weight [kg]	Dimensions L x W x H [mm]
L23RS	5 - 13	22	1.11 - 4.12	1.03 - 3.50	1.35 - 2.89	68	681	1345 x 880 x 1612
L26RS	5 - 13	26	1.11 - 4.78	1.03 - 4.10	0.92 - 3.56	69	708	1345 x 880 x 1612
L29RS	5 - 13	30	1.11 - 5.41	1.03 - 4.50	0.92 - 3.82	69	712	1345 x 880 x 1612

### L23RSF - L29RSF Regulated Speed with Integrated Dryer

Compressor Model	Refrigeration dryer [type]	Pressure Dew Point <sup>3)</sup> [°C]	Weight [kg]	Dimensions L x W x H [mm]
L23RSF	F29E	5	871	1675 x 880 x 1612
L26RSF	F29E	5	898	1675 x 880 x 1612
L29RSF	F29E	5	902	1675 x 880 x 1612

<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.



## CompAir L-Series – Technical Data

### L30 – L45 Fixed speed

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]
L30	7.5	30	5.75	67	887	1722x920x1659
	10		5.01			
	13		4.27			
L37	7.5	37	7.00	68	912	1722x920x1659
	10		6.17			
	13		5.30			
L45	7.5	45	8.00	69	953	1722x920x1659
	10		7.00			
	13		6.11			

### L30° – L45° Efficiency version, fixed speed

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]
L30°	7.5	30	6.00	67	954	1722x920x1659
	10		5.17			
L37°	7.5	37	7.12	67	979	1722x920x1659
	10		6.31			
L45°	7.5	45	8.67	67	1020	1722x920x1659
	10		7.54			

### L30RS – L45RS Regulated speed

Compressor Model	Nominal Pressure [bar g]	Drive Motor [kW]	FAD <sup>1)</sup> Min - Max [m <sup>3</sup> /min]	Noise Level <sup>2)</sup> at 70% load [dB(A)]	Weight [kg]	Dimensions L x W x H [mm]
L30RS	5 - 10	30	1.33 – 5.53	66	925	1722 x 920 x 1659
L37RS	5 - 13	37	1.41 – 6.90	67	952	1722 x 920 x 1659
L45RS	5 - 13	45	1.41 – 8.02	70	974	1722 x 920 x 1659

<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).



## CompAir L-Series – Technical data

### L55 – L80 Fixed speed

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]
L55	7.5	55	10.69	69	1725	2158 x 1223 x 1971
	10		9.51			
	13		8.24			
L75	7.5	75	13.74	72	1765	2158 x 1223 x 1971
	10		12.44			
	13		10.43			
L80	7.5	75	14.72	69	2010	2158 x 1223 x 1971
	10		12.26			

### L55RS – L75RS Regulated speed

Compressor Model	Nominal Pressure [bar g]	Drive Motor [kW]	FAD <sup>1)</sup> Min - Max [m <sup>3</sup> /min]	Noise Level <sup>2)</sup> at 70% Load [dB(A)]	Weight [kg]	Dimensions L x W x H [mm]
L55RS	5 - 10	55	2.34 – 10.31	67	1726	2158 x 1223 x 1971
L75RS	5 - 13	75	2.20 – 13.99	71	1800	2158 x 1223 x 1971

All models are also available as **WATER COOLED** versions, for technical specifications please refer to the water cooled technical information sheets.

<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).



## CompAir L-Series – Technical data

### L90 – L132 Fixed speed

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]
L90	7.5	90	18.21	73	2447	2290 x 1327 x 2039
	10		15.51			
	13		13.52			
L110	7.5	110	21.60	75	2532	2290 x 1327 x 2039
	10		18.85			
	13		16.47			
L132	7.5	132	24.45	76	2764	2290 x 1327 x 2039
	10		21.51			
	13		18.70			

### L90RS – L132RS Regulated speed

Compressor Model	Nominal Pressure [bar g]	Drive Motor [kW]	FAD <sup>1)</sup> Min - Max [m <sup>3</sup> /min]	Noise Level <sup>2)</sup> at 70% Load [dB(A)]	Weight [kg]	Dimensions L x W x H [mm]
L90RS	5 - 13	90	5.20 – 18.16	74	2579	2290 x 1327 x 2039
L110RS	5 - 13	110	5.10 – 21.52	72	2604	2290 x 1327 x 2039
L132RS	5 - 13	132	5.10 – 24.40	74	2655	2290 x 1327 x 2039

All models are also available as **WATER COOLED** versions, for technical specifications please refer to the water cooled technical information sheets.

<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).



## CompAir L-Series - Technical Data

### L160 – L290 Fixed Speed

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]
L160	7.5	160	32.04	76	4186	2949 x 2111 x 2193
	10	160	28.20	76	4186	2949 x 2111 x 2193
	13	160	23.91	76	4186	2949 x 2111 x 2193
L200	7.5	200	39.23	77	4415	2949 x 2111 x 2193
	10	200	34.85	77	4415	2949 x 2111 x 2193
	13	200	29.38	77	4415	2949 x 2111 x 2193
L250	7.5	250	42.03	78	4625	2949 x 2111 x 2193
	10	250	37.01	78	4625	2949 x 2111 x 2193
	13	250	32.64	78	4625	2949 x 2111 x 2193
L290	7.5	250	47.10	79	4650	2949 x 2111 x 2193
	10	250	41.53	79	4650	2949 x 2111 x 2193
	13	250	36.44	79	4650	2949 x 2111 x 2193

### L160RS – L290RS Regulated Speed

Compressor Model	Nominal Pressure [bar g]	Drive Motor [kW]	FAD <sup>1)</sup> [m <sup>3</sup> /min]	Noise Level at 70% Load <sup>2)</sup> [dB(A)]	Weight [kg]	Dimensions L x W x H [mm]
L160RS	5 - 13	160	6.54 - 32.33	75	4378	2949 x 2111 x 2193
L200RS	5 - 13	200	5.99 - 39.44	77	4573	2949 x 2111 x 2193
L250RS	5 - 13	250	5.83 - 42.80	78	4669	2949 x 2111 x 2193
L290RS	5 - 13	250	5.87 - 47.02	79	4684	2949 x 2111 x 2193

<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).

