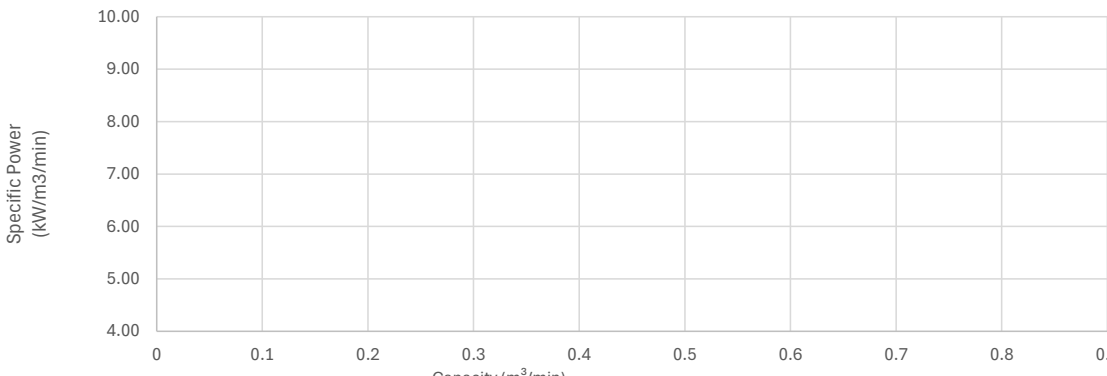


MODEL DATA - FOR COMPRESSED AIR					
<b>1</b>	<b>Manufacturer:</b>	CompAir			
<b>2</b>	<b>Model No:</b>	L07e RS		<b>Date:</b>	<b>01.08.2024</b>
	<b>X</b>	Air Cooled		<b>Type:</b>	<b>Regulated Speed</b>
		Water Cooled		<b># of Stages:</b>	<b>1</b>
		Other	Please State:		
<b>3</b>	<b>Full Load Operating Pressure</b>		<b>13</b>	bar g	
<b>4</b>	<b>Drive Motor Nominal Rating</b>		<b>7.5</b>	kW	
<b>5</b>	<b>Drive Motor Nominal Efficiency</b>		<b>90.1</b>	% (percent)	
<b>6</b>	<b>Fan Motor Nominal Rating (if applicable)</b>		<b>n/a</b>	kW	
<b>7</b>	<b>Fan Motor Nominal Efficiency</b>		<b>n/a</b>	% (percent)	
<b>8</b>	<b>Range</b>	<b>Input Power (kW)</b>	<b>Capacity (m<sup>3</sup>/min)</b>	<b>Specific Power (kW/m<sup>3</sup>/min)</b>	<b>Isentropic Efficiency (%)</b>
	<b>Maximum Speed 100%</b>	<b>9.76</b>	<b>0.83</b>	<b>11.76</b>	<b>55.83%</b>
		<b>9.09</b>	<b>0.74</b>	<b>12.28</b>	<b>53.44%</b>
		<b>8.48</b>	<b>0.66</b>	<b>12.85</b>	<b>51.10%</b>
		<b>7.92</b>	<b>0.58</b>	<b>13.66</b>	<b>48.08%</b>
	<b>Minimum Speed</b>	<b>6.97</b>	<b>0.41</b>	<b>17.00</b>	<b>38.62%</b>
<b>9</b>	<b>Total Package Input Power at Zero Flow</b>		<b>1.3</b>	kW	
<b>10</b>	<div style="text-align: center;">  <p style="font-size: small;">Note: Graph is only a visual representation of the data in Section 8 Note: Y-Axis Scale, 4 to 10, + 1kW/m<sup>3</sup>/min increments X-Axis Scale, 0 to 25% over maximum capacity</p> </div>				

\*For models that are tested in the BCAS Data Sheet & Verification Programme, these items are verified by the third party administrator. Consult BCAS website for a list of participants in the third party verification programme: [www.bcas.org.uk](http://www.bcas.org.uk)

**Notes:**

- a. Measured at the discharge terminal point of the compressor in accordance with ISO1217, Annex E; m<sup>3</sup>/min is cubic metres per minute at inlet conditions.
- b. The operating pressure at which the capacity (item 8) and Electrical Consumption (Item 8) were measured for this data sheet.
- c. No Load Power in accordance with ISO1217, Annex E, if measurement of no load power equals less than 1%, manufacturer may state "not significant" or "0" on the test report.
- d. Tolerance is specified in ISO1217, Annex E, as shown in table below:
- e. The terms "power" and "energy" are synonymous for purposes of this document.

Volume Flow Rate at specified conditions	Volume Flow Rate	Specific Energy Consumption	No Load / Zero Flow Power
m <sup>3</sup> /min	%	%	%
Below 0.5	+/- 7	+/- 8	+/- 10
0.5 to 1.5	+/- 6	+/- 7	
1.5 to 15	+/- 5	+/- 6	
Above 15	+/- 4	+/- 5	