

MODEL DATA - FOR COMPRESSED AIR																	
1	Model Number: LBC 600-1.25		Date: 04-18-2025														
	<input type="checkbox"/> Air-cooled <input checked="" type="checkbox"/> Water-cooled	Type: Air bearing turbo															
	<input type="checkbox"/> Lubricated <input checked="" type="checkbox"/> Oil-free	# of Stages: 2															
2	Full Load Operating Pressure*(c)	125.0	kPa(g)*(c)														
3	Drive Motor Nominal Rating	354.7	kW														
4	Drive Motor Nominal Efficiency	97.6	percent														
5	Fan Motor & Water pump Power consumption	15.0	kW														
6*	Input Power (kW)	Capacity (m³/min) *(f)	Specific Power (kW/ m³/min)														
	379.6 Max	176	2.16														
	342.7	156	2.20														
	300.5	137	2.19														
	260.2	117	2.22														
	219.3	98	2.24														
	172.5 Min	78	2.21														
7	Total Package Input Power at Zero Flow*(d)	0	kW														
8	<div style="border: 1px solid black; padding: 10px; margin: 10px;"> <table border="1" style="display: none;"> <caption>Specific Power vs Capacity Data</caption> <thead> <tr> <th>Capacity (m³/min)</th> <th>Specific Power (kW/m³/min)</th> </tr> </thead> <tbody> <tr><td>78</td><td>2.21</td></tr> <tr><td>98</td><td>2.24</td></tr> <tr><td>117</td><td>2.22</td></tr> <tr><td>137</td><td>2.19</td></tr> <tr><td>156</td><td>2.20</td></tr> <tr><td>176</td><td>2.16</td></tr> </tbody> </table> </div>			Capacity (m³/min)	Specific Power (kW/m³/min)	78	2.21	98	2.24	117	2.22	137	2.19	156	2.20	176	2.16
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Notes:

- a. Based on reference inlet conditions of Pamb=101.3 kPa(a), Tamb=20°C, RH=50%
- b. Measured at the discharge terminal point of the compressor package in accordance with ISO 1217
- c. The operating pressure at which the Capacity and Electrical Consumption were measured for this data sheet
- d. No Load Power. In accordance with ISO 1217, Annex E, if measurement of no-load power equals less than 1%, manufacturer may state "not significant" or "0" on the test report.
- e. Specific power (kW / m3/min)
- f. Volume flow rate tolerance, +/-4%