

# MAXIMATOR® UK

## Maximum Pressure.

Technical Data Sheet

High Pressure N<sub>2</sub> Gas Compressor Unit

VP250/350



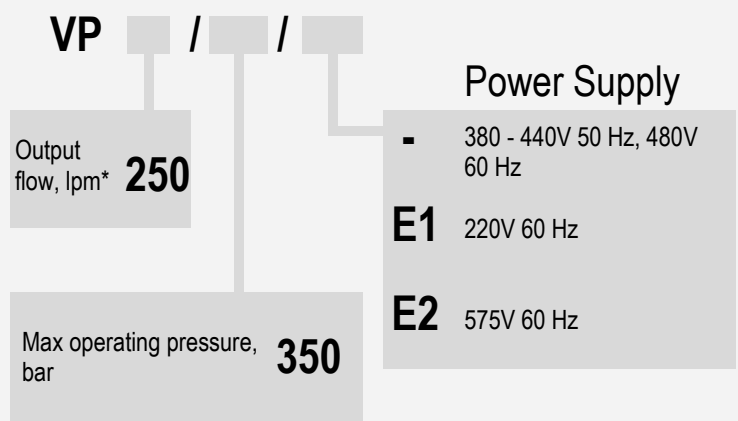
### Features:

- High quality N<sub>2</sub> gas for industrial applications
- 1 stage per cylinder for reliable heat distribution
- Low noise - 75dB(A)
- Soft starter for low impact starting

### Application:

The high pressure nitrogen compressor of the type VP250/350 are designed for the efficient pressure generation of nitrogen up to 350 bar with an output flow capacity of 250 lpm.

### Ordering information:



Please consult factory for more information. All technical and dimensional information subject to change. All General Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

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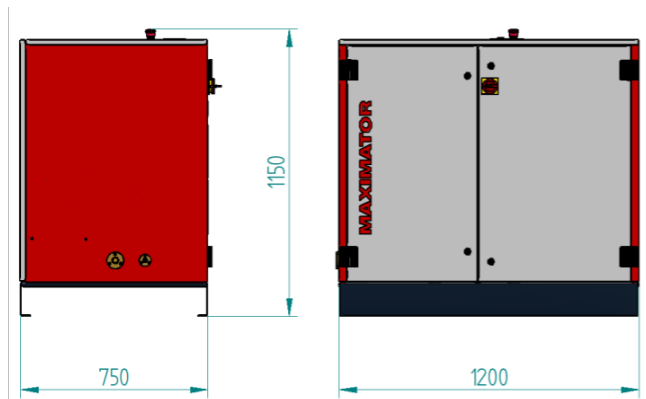
#### Technical Data

Compressor	<ul style="list-style-type: none"> <li>Output flowrate 15 Sm<sup>3</sup> /hr (8.8 SCFM) (18 Sm<sup>3</sup> /hr/10.6 SCFM at 60Hz)</li> <li>Maximum working pressure 350 Bar, 5075 psi</li> <li>Operating speed 1450 rpm max</li> <li>Three stages of compression</li> <li>Industrial design for continuous operation</li> <li>One stage per cylinder – no double acting cylinders, for effective heat dissipation and reliable operation</li> <li>Pressure lubrication by oil pump to big end bearings</li> <li>Oversized cooling fan</li> <li>Intercoolers, pressure gauge and relief valve at each stage</li> <li>Extended 2000 hr service interval</li> <li>High efficiency microfilter</li> <li>Low oil carryover</li> <li>Direct driven by 3 phase motor</li> <li>Weight approx : 500kg</li> </ul>
Enclosure	<ul style="list-style-type: none"> <li>Sound control enclosure, limits noise level to approx. 75 dB(A)</li> <li>Low maintenance clearance for plant room flexibility</li> </ul>
Connection Gas inlet	G 1/2"
Connection Gas Outlet	G 1/4"
Electrical power	220v-575v 3 phase, 50/60 Hz.

#### Electrical power requirements

	575V, 3ph, 60hz		440V, 3ph, 60hz		380-415V, 3ph, 50hz		220V, 3ph, 60hz	
Model	Total Power, kW	FLC (A) <sup>1</sup>	Total Power, kW	FLC (A) <sup>1</sup>	Total Power, kW	FLC (A) <sup>1</sup>	Total Power, kW	FLC (A) <sup>1</sup>
VP170	5.5	6.9	5.5	8.9	5.5	9.6 - 10.6	5.5	17.9
VP500	7.7	9.6	7.7	12.5	7.7	13.5 - 14.5	7.7	25
Connection	3PH + Earth (ground)		3PH + Neutral + Earth (ground)		3PH + Earth (ground)		3PH + Earth (ground)	

<sup>1</sup>Maximum full load current under normal operating conditions;



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