



## Technical Data Sheet

## High Pressure Gas Generator

VP250/350G

### Features:

- Reduced operating noise level < 73dB(A)
- New high efficiency generator core
- High mass crankcase assembly for reliable stable

### Application:

The high pressure nitrogen generators of the type VP250/350G are designed for the efficient generation of nitrogen.

Due to the integrated compressor module nitrogen is compressed up to 350 bar.

### Ordering information:

**VP250/350G/**

#### Power Supply

- 380 - 440V 50 Hz

**E1** 220V 60 Hz

**E2** 575V 60 Hz





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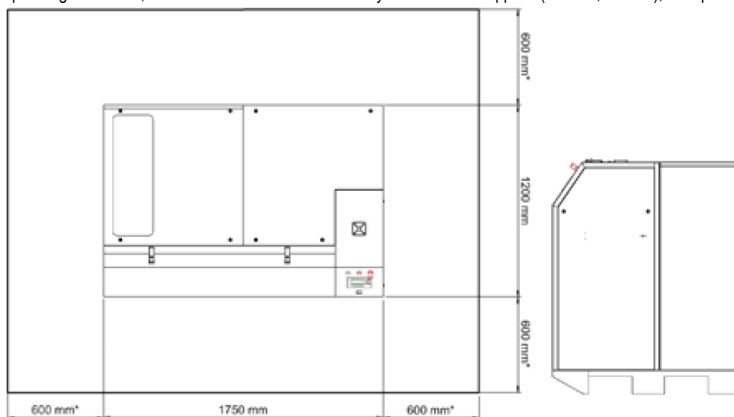
#### Technical Data

Generator	<ul style="list-style-type: none"> <li>Includes refrigerant dryer and air filter</li> <li>Carbon molecular sieve for long and efficient service and stable purity</li> </ul>
Compressor	<ul style="list-style-type: none"> <li>Output flowrate 10 or 30 Sm<sup>3</sup> /hr (6 or 17.6 SCFM)</li> <li>Maximum working pressure 350 Bar, 5075 psi</li> <li>Operating speed 1400 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>Belt drive with automatic tensioning</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 Air Supply	G 1/2" at min. 6 bar, max. 10 bar
Connection Pressure Outlet	G 1/4"
Electrical power	220v-575v 3 phase, 50/60 Hz. 32A 5 Pin IEC appliance

#### Electrical power requirements

Model	575V, 3ph, 60hz		440V, 3ph, 60hz		380-415V, 3ph, 50hz		220V, 3ph, 60hz	
	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>
VP250/350G	7.8	9.7	7.8	12.7	7.8	14.6	9.3	30
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; <sup>2</sup> All connections are made directly to the socket supplied (IEC309, 3NP+E); <sup>3</sup> No power cables are supplied



Plan View

Side View

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.