

Gas Technologies

Dedicated to providing reliable, value for money gas, air and boosting equipment for today's diver.

MISTRAL SERIES

High-Pressure Breathing Air Charging Sets

The MISTRAL high pressure breathing air charging set makes cylinder charging possible, where and when you need it. This set comprises of a three stage air cooled compressor, driver and purification system, which incorporates a coalescing prefilter (0.5 mg/m³ oil residual) located prior to the purification cartridge, ensuring breathing air that exceeds the EN 12021 directive.

It's lightweight, compact and easy to transport, as wheels are mounted on the base.

The very slow compressor speed ensures reliability and long life.

Several models are available, with a choice of electric motor (single or three phase) or petrol engine drives.

M6 - BZ Petrol



M6 - EM Electric



Model	Drive	Working Pressure bar	Free Air Delivery		Motor		Speed rpm	Dimensions (cm)			Weight Kg
			m ³ /h	lit/min	kW	Hp		L	W	H	
M6 - EM	Single phase motor	330	6,2	103	2,2	3,0	1200	74	38	47	54
M6 - ET	Three phase motor	330	6,2	103	2,2	3,0	1200	74	38	47	53
M6 - BZ	Four stroke petrol (Honda)	330	6,2	103	3,6	4,8	1200	87	38	47	55
M6 - BZS	Four stroke petrol (Subaru)	330	7,2	120	4,2	5,6	1400	93	41	50	59
M8 - EM	Single phase motor	330	8,4	140	3,0	4,0	1750	74	47	47	71
M8 - ET	Three phase motor	330	8,4	140	3,0	4,0	1750	74	47	47	70
M8 - BZ	Four stroke petrol	330	8,4	140	4,1	5,5	1750	89	47	47	72

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Technical Specification

- Free air delivery: 103 lit/min (6,2 m³/h) / 120 lit/min (7,2 m³/h) / 140 lit/min (8,4 m³/h)
- Max. working pressure: 330 bar (4785 psi)
- Stages: 3
- Cylinders: 3
- Cylinders arrangement: W
- 2 Large Stainless Steel Intercoolers
- Large Stainless Steel Aftercooler
- 3 Interstage Safety Valves
- Water Separator after 2nd Stage
- Compressor Speed 1200 / 1400 / 1750 rpm
- Stroke 40mm
- Transmission: V belt
- Motor (Class F, IP55): 2,2 kW / 220V / 50 - 60Hz, 2,2 kW / 400V / 50 - 60Hz
4,8 Hp Petrol (Honda) engine, 5,6 Hp (Subaru) engine, 3,0 kW / 220V / 50 - 60Hz, 3,0 kW / 400V / 50-60Hz, 5,5 Hp Petrol (Honda) engine.
- Oil capacity: 350ml. / 550ml. synthetic compressor oil
- Max. permissible ambient temperature: +5 °C to +45 °C
- Max inclination of compressor: 15°

Standard Equipment

- Automatic stop (petrol and electric versions)
- Start/Stop Switch with thermal button (electric version)
- Micronic air inlet filter
- Final stage pressure gauge
- Manual condensate drains
- Hour Meter (electric version)
- Pressure maintaining and non return valve allowing for safe, efficient and extended filtration
- Breathing air filter including coalescing prefilter (0,5 mg/m³ oil residual) and Active Carbon/Molecular Sieve cartridge
- Charging Hose (1,2m) complete with DIN and INT'L "A" Clamp Adaptor

Optional Equipment

- Auto start (electric versions)
- Automatic condensate drains (electric version)
- Dual pressure charging facility
- Additional charging hose
- Condensate collection vessel
- Additional filtration capacity

