



## Submarine Manufacturing & Products Limited

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Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

### PRODUCT DATASHEET CNG EVO COMPRESSOR



#### THIS PRODUCT HAS THE FOLLOWING OPTIONS:

- CNG EVO 5
- CNG EVO 10
- CNG EVO 14
- CNG EVO 19

#### OVERVIEW



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CNG EVO Line: CNG

The CNG EVO series compressors have been designed to recompress previously treated and filtered natural gas and biomethane. These compressors are designed for the refuelling of vehicles powered by natural gas for domestic use or small fleets. The electronic control and command unit simplifies use with the automatic stop function with full tank and state-of-the-art safety systems. The machines are powered by three-phase electric motor for the CNG EVO 10, CNG EVO 14 and CNG EVO 19 pumping units, while the model equipped with the CNG EVO 5 pumping unit can be single-phase or three-phase powered. The standard equipment includes a 4.5 m high-pressure tube and delivery gun with NGV1 direct drive suitable for filling pressures of up to 250 bar.

### DESCRIPTION

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### FEATURES

#### Technical drawing

H : 1100 mm - W : 700 mm - D : 670 mm

H : 43.31 in - W : 27.56 in - D : 26.38 in

#### Pumping group capacity

CNG EVO 5 EM Single-phase Electric Motor - 85 l/m - 5,10 m<sup>3</sup>/h - 3.00 CFM FAD

CNG EVO 5 ET Three-phase Electric Motor - 85 l/m - 5,10 m<sup>3</sup>/h - 3.00 CFM FAD

CNG EVO 10 ET Three-phase Electric Motor - 170 l/m - 10,20 m<sup>3</sup>/h - 6.00 CFM FAD

CNG EVO 14 ET Three-phase Electric Motor - 265 l/m - 15,90 m<sup>3</sup>/h - 9.36 CFM FAD

CNG EVO 19 ET Three-phase Electric Motor - 330 l/m - 19,80 m<sup>3</sup>/h - 11.65 CFM FAD

#### Filling time: \*

\* cylinder filling time from 80 l-0/200 bar (cylinder filling measurement from 0 to 200 bar  $\hat{\pm}$  5%)

CNG EVO 5 EM Single-phase Electric Motor - 180 min.

CNG EVO 5 ET Three-phase Electric Motor - 180 min.

CNG EVO 10 ET Three-phase Electric Motor - 75 min.

CNG EVO 14 ET Three-phase Electric Motor - 60 min.


CNG EVO 19 ET Three-phase Electric Motor - 48 min.

#### Operating pressure

200 - 250 bar



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### Net weight

CNG EVO 5 EM - Single-phase Electric Motor - 160 kg - 353 Lbs

CNG EVO 5 ET - Three-phase Electric Motor - 160 kg - 353 Lbs

CNG EVO 10 ET - Three-phase Electric Motor - 180 kg - 397 Lbs

CNG EVO 14 ET - Three-phase Electric Motor - 180 kg - 397 Lbs

CNG EVO 19 ET - Three-phase Electric Motor - 190 kg - 419 Lbs

### Noise level

CNG EVO 5 EM Single-phase Electric Motor - 65 db

CNG EVO 5 ET Three-phase Electric Motor - 65 db

CNG EVO 10 ET Three-phase Electric Motor - 70 db

CNG EVO 14 ET Three-phase Electric Motor - 70 db

CNG EVO 19 ET Three-phase Electric Motor - 70 db

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### ORDER THIS PRODUCT

To order this product or to request a price contact our UK sales team on

**+44 (0)1772 687775**

Alternatively you can place a quote request through our website

<http://www.smp-ltd.co.uk> or send an email to [sales@smp-ltd.co.uk](mailto:sales@smp-ltd.co.uk)