



**CENTRAL
COMPRESSORS**

The experts in
high-pressure
compression

TYPHOON SILENT

High-pressure breathing-air vertical charging sets

The TYPHOON SILENT high pressure breathing air charging set, has a vertical design which saves space and offers easy access for maintenance. The soundproof design allows installation in noise sensitive locations. A digital control panel is included which allows easy control of the system and provides warning indicators and shut down facilities for various conditions – service period, filter life, overpressure etc.



Model	Drive	Working Pressure bar	Free Air Delivery		Motor		Speed rpm	Dimensions (cm)			Weight Kg
			m3/h	lit/min	kW	Hp		L	W	H	
Silent 15	Three phase motor	350	15	250	5,5	7,5	1100	76	97	117	260
Silent 18	Three phase motor	350	18	300	7,5	10	1300	76	97	117	275
Silent 24	Three phase motor	350	24	400	7,5	10	800	76	113	178	470
Silent 30	Three phase motor	350	30	500	11	15	1000	76	113	178	510
Silent 36	Three phase motor	350	36	600	15	20	1200	76	113	178	550



**CENTRAL
COMPRESSORS**

The experts in
high-pressure
compression



Advanced electronic
control system



Lever operated
on/off valves with
auto exhaust system



Large length stainless
steel intercoolers -
aftercoolers

Central Compressor Consultants Ltd
Unit 15, Daniels Industrial Estate
Bath Road, Stroud
Gloucestershire GL5 3TJ
Tel: +44 (0) 1453 840333
Fax: +44 (0) 1453 762331
sales@centralcompressors.co.uk
www.centralcompressors.co.uk



Technical Specification

- Free air delivery: 250 lit/min (15m³/h) / 300 lit/min (18 m³/h) / 400 lit/min (24 m³/h) / 500 lit/min (30 m³/h) and 600 lit/min (36 m³/h)
- Max. working pressure: 350 bar (5075 psi)
- Stages: 3 or 4
- Cylinders: 3 or 4
- Cylinder arrangement: W
- Large Intercoolers (Stainless Steel on 15 and 18)
- Large Stainless Steel Aftercooler
- Interstage Safety Valves
- Water Separators
- Compressor Speed 800 to 1300 rpm
- Transmission: V belt
- Motor (Class F, IP55): 5,5 / 7,5 / 11 kW - 400V - 50 / 60Hz
- Oil capacity: 2,2 / 2,8 lit. synthetic compressor oil
- Max. permissible ambient temperature: +5°C to +45°C
- Max inclination of compressor: 15°

Standard Equipment

- Direct on-line Starter (Typhoon Silent 15)
- Star/Delta Starter (Typhoon Silent 18 - 36)
- Fully electronic control system providing operating, controlling and servicing data
- Automatic control of Start/Stop system
- LCD display showing Filling Pressure, Cabinet Temperature and other data such as Service remaining hours warning, Recording of the last 15 malfunctions
- Pressure maintaining and non return valve allowing for safe, efficient and extended filtration
- Emergency Stop button
- 24V secondary voltage providing safety during routine operation
- BA Filter including Coalescing Pre-filter (0,5mg/m³ oil residual) and Active Carbon /Molecular Sieve cartridge, with the supply of breathing air exceeding the requirements of EN12021 directive
- 3 / 4 digital pressure sensors providing emergency shutdown in case of stage overpressure
- Large fan for optimum cooling
- 2 / 4 Charging Hoses (1,2m each) complete with DIN 477 and INT'L "A" clamp Adaptors
- Auto Drains with manual backups
- Soundproof Enclosure with very low noise level 69 - 74 dB (A) @ 1 metre
- Condensate Dump Collection

Optional Equipment

- Dual pressure charging facility
- Additional Charging Hoses
- Remote Start/Stop - remote load / unload
- Interstage Pressure Gauges
- Low Oil Level Sensor/Alarm