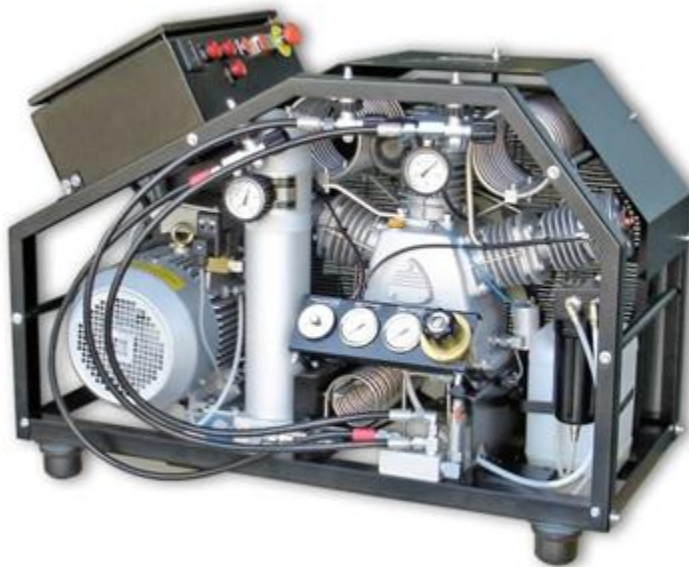


Typhoon Open 18E Refilling Compressor

High-pressure piston compressor for breathing air, air cooled, 3 staged, oil lubricated, manufactured by PARAMINA, model Typhoon Open 18E, 7,5kW-10Hp, suitable for all **shipping, diving and fire-fighting applications**, with CE certificate.



Model	: Typhoon Open 18E
Air Delivery FAD	: 300/320 lit/min (18,0/19,2 m ³ /h)
Max Working Pressure	: 350 bar
Working Pressure	: 300 bar
Stages	: 3
Cylinders	: 3
Cylinder Arrangement	: W
1 st stage cylinders diameter	: 80mm

2 nd stage cylinder diameter	: 36mm
3 rd stage cylinder diameter	: 14mm
Piston Stroke	: 60mm
Speed Rotation	:1290/1380 rpm
1 st Stage Pressure	: 5,2 – 5,5 bar
2 nd Stage Pressure	: 38 - 43 bar
Transmission	: V Belt
Motor Power	: 7,5 kW/ 400V/50Hz(Class F, IP 55)
Oil Capacity	: 2,2 lit synthetic compressor oil
Air outlet temperature	: 5 - 8 °C above ambient temperature
Max. permissible ambient temperature	: +5 ^o to +45 ^o C
Cooling air flow min required approximately	: 2250m ³ / hr
Max. inclination of compressor	: 15 ^o
Dimensions (L-W-H)	: 107 x 54 x 70 cm
Weight	: 195 Kg
Filling Time of 1 Cyl.10ltr @ 300bar	: 9,4 min ± 5%

Standard Equipment;

- Micronic Air Inlet Filter.
- Condensate Separator after 2nd Stage.
- Large Stainless Steel Intercoolers & aftercooler at all stages.
- Large fan (500mm diam.) for optimum cooling of cylinders, intercoolers & aftercoolers, making the compressor capable for continuous operation.
- **Combined BA Filter Ø110X495 including Coalescing Pre-filter (0,5mg/m³ oil residual) and 1 x (Active Carbon / Molecular Sieve cartridge) Ø65X260 cartridge, with the supply of absolutely clean air exceeding by far the requirements of EN 12021:2014.**
- Pressure maintaining valve & non-return valve allowing for safe, efficient & extended filtration.
- **Star/Delta starter system.**
- Start/Stop switch.
- Motor thermal overload protection.



- **24V secondary voltage providing safety during routine operation.**
- Emergency Stop button.
- **Automatic stop at the desirable pressure.**
- **Automatic Condensate Drains with manual backups.**
- Condensate collecting tank with level indication.
- **Two (2) Kevlar* Filling hoses** – 1,2m length each, complete with DIN300 filling connector.
*Kevlar hoses are manufactured with very strong & resistant material and are pin pricked for air relief in atmosphere in case of damage.
- Safety Valves in all stages.
- **Inter stage (1st, 2nd) manometers and Final Stage 400 bar manometer.**
- Built-In Vibration Pads.
- Automatic belt tensioning system.
- Hourmeter.

Note: Fuse box and plug supplied by customer.

Approximately Package Dimensions & Weight = 119x68x90cm, 220Kg