

UNITOR HPC AIRCLEAN 480 EX-PRO

Product group: **434** Product number: **651005**

The UNITOR HPC AIRCLEAN 480 EX-PRO is an air-powered high-pressure cleaner built for professional use in demanding marine environments. It delivers up to 480 bar of pressure and supports water temperatures up to 150°C, ensuring efficient cleaning and degreasing. Oil-lubricated pump packings and a low piston speed enhance durability and extend service life. Designed for safety, its explosion-proof operation, powered by compressed air, eliminates risks of short circuits, fire, or explosions. The patented motor, with only two moving parts, requires no in-service adjustments, ensuring hassle-free performance. Compact, lightweight, and easy to maneuver on uneven surfaces, it is ideal for both marine and industrial applications. Its high-pressure output speeds up cleaning tasks and reduces reliance on cleaning agents, providing significant time and cost savings. The environmentally friendly design enables effective cleaning with minimal chemical use, lowering downtime and maintenance costs.



Product information

The **Unitor™ HPC Airclean™ 480 EX-PRO** contains no electrical or ignition components, making it "cold" and exempt from explosion-proof certification. This design allows it to be safely used in hazardous areas without additional safety precautions. Widely used by major oil and gas companies and vessels operating in EX zones, the **HPC Airclean™ 480 EX-PRO** offers high-performance cleaning with enhanced safety in demanding environments. This product supersedes product 734103.

Supplied with

- 10 m hose
- Spray handle
- Single lance incl. nozzle
- Air lubricator
- Exhaust air muffler
- Air filter
- Water y-strainer

Features

- **Supplied Ready for Use:** The machine comes complete with a lubricator, hose, air filter, water strainer, handle, and lance, ensuring everything you need for immediate use is included.
- **Lightweight and Easy to Move:** Designed for portability, it is lightweight and easy to set up, allowing for quick transportation and use in tight spaces or uneven surfaces.
- **Hot Water Capability:** Can be used with hot water, enhancing cleaning efficiency and speeding up the process, especially for tough grease and dirt removal.
- **Simple and Robust Air Motor:** Features an easy-to-maintain air motor with minimal moving parts, ensuring long-term reliability and reducing the need for frequent servicing.

Benefits

- **Durability and Longevity:** Designed for heavy-duty use, with oil-lubricated pump packings and low piston speed to ensure superior durability and long service life, minimizing maintenance needs.
- **Safe for Hazardous Areas:** An explosion-proof design powered by compressed air eliminates the risks of short circuits, fire, or explosions, making it ideal for use in explosive or hazardous environments.
- **High Efficiency and Fast Cleaning:** Delivers up to 480 bar of pressure and handles water temperatures up to 150°C, providing powerful cleaning performance that significantly reduces cleaning time and boosts productivity.
- **Environmentally Friendly and Cost-Effective:** Enables effective cleaning with minimal chemicals, reducing chemical waste and supporting sustainable practices, while the high-pressure output reduces the need for cleaning agents, lowering operational costs.

Specification

Dimensions/Weight

| | |
|----------------------------------|-----------------|
| Dimensions L x W x H [mm] | 720 X 520 X 980 |
| Weight [kg] | 59 |

Technical data

| | |
|--------------------------------------|------------------|
| Air consumption [m³/min] | 0-9 |
| Air inlet connection [inch] | 3/4 male BSP |
| Air pressure [bar] | 5-11 Recommended |
| Pump pressure [bar] | 480 maximum |
| Ratio | 48:1 |
| Water flow rate [l/min] | 19 maximum |
| Water inlet connection [inch] | 3/4 female BSP |

Approvals

CE -Can be used in EX GD

Documents

[User Manual_UNITOR HPC AIRCLEAN 480 EX-PRO](#)

[Parts_Materials_UNITOR HPC AIRCLEAN 480 EX-PRO](#)

[SDoC and MD for IHM](#)

Related products

Accessories

191965

600 UPF PLUG 3/4" FEMALE BSP.T

729875

HOSE 15M FOR HPC AIRCLEAN 480 EX-PRO

729880

HOSE 25M FOR HPC AIRCLEAN 480 EX-PRO

729885

LANCE 1.5M WITH NOZZLE FOR HPC AIRCLEAN 480 EX-PRO

729890

LANCE 2.5M WITH NOZZLE FOR HPC AIRCLEAN 480 EX-PRO

671727

AIR HOSE 3/4", PVC 50 M COIL

191718

600 USH SOCKET 3/4" HOSE

191916

600 UPM PLUG 3/4" MALE BSP.T

545025

HOSE PROTECTION 1400MM Ø41 – 500 BAR WITH ADJUSTABLE STRAP

770008

UNITOR DYNAMIS/ PPE KIT 500 BAR

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