

UNITOR AEROFLOW DOUBLE DIAPHRAGM PUMP 2 INCH ALU (ATEX Z1)

Product group: **422** Product number: **635645**

Tough, fearless, and ready for anything — the Unitor AeroFlow 2" Aluminum Diaphragm Pump is your ultimate fluid-handling beast. Built for demanding marine operations, this ATEX Zone 1 certified pump delivers explosive performance with zero risk. Engineered for speed and resilience, it powers through oils, sludge, bilge water, and volatile chemicals with ease, all while pushing out a massive 700 L/min flow rate.



Whether it's emergency SOPEP deployment, aggressive chemical transfer, or routine bilge clearing, this is the pump that doesn't back down.

Product information

This product supersedes product no: **604926**

Typical Applications for the UNITOR AEROFLOW DOUBLE DIAPHRAGM PUMP 2 INCH ALU (ATEXZ1):

- Optimal for SOPEP spill response
- Fuel and oil transfer (ATEX safe zones)
- Bilge and sludge transfer
- Emergency dewatering operations
- General service transfer pump onboard
- Tank and engine room cleaning support
- Chemical handling in hazardous areas

Supplied with

- Ground Bonding Set
- Collar Clamps
- Air Barbs
- Inlet and Outlet Fluid Nipples

Features

- ATEX Zone 1 certified – suitable for explosive atmospheres
- Durable aluminum body – lightweight and corrosion-resistant
- Self-priming and dry-run capable

Benefits

- **Safety first:** no sparks, no electricity, ideal for explosive zones
- **Rapid response:** reliable in emergency cleanup or spill situations
- **Versatile use:** handles oils, chemicals, bilge water, and sludge
- **Low maintenance:** simple design and easy access to parts
- **Cost-effective:** long operating life and quick servicing
- **Trusted transfer solution:** for day-to-day and contingency operations

Specification

Physical properties

Viscosity	50.000 CPS
-----------	------------

Dimensions/Weight

Dimensions L x W x H [mm]	595x345x567
Pumpable solid size [mm]	8.5
Weight [kg]	37.6

Technical data

Air inlet connection [inch]	3/4" BSP
Air pressure [bar]	8 max
Fluid inlet and outlet size [inch]	2" BSP
Suction lift [m]	9.8m (Wet) - 5m (Dry)
Temperature [°C]	-20°C to +95°C (range)

Performance data

Flow capacity [l/min]	700
-----------------------	-----

Documents

SDoC and MD for IHM

DoC, UNITOR AEROFLOW DOUBLE DIAPHRAGM PUMPS

Related products

Accessories

770215

UNITOR AEROFLOW DOUBLE DIAPHRAGM PUMP 2 INCH SS / ALU - FLUID & AIR HOSE KIT

Is accessory to

604314

UNITOR SORBENT KIT

778993

OILSPILL MARPOL KIT 12 BARREL(2 PALLETS)

778914

OILSPILL MARPOL KIT 7 BARREL(2 PALLETS)

778922

OILSPILL MARPOL KIT1 BARREL(1 PALLET)

Spares

635667

UNITOR AEROFLOW DOUBLE DIAPHRAGM PUMP 2 INCH ALU - COMPLETE SERVICE KIT (AIR & FLUID SIDE)

635665

UNITOR AEROFLOW DOUBLE DIAPHRAGM PUMP 2 INCH SS /ALU - AIR BARBS (2PCS)

635664

UNITOR AEROFLOW DOUBLE DIAPHRAGM PUMP 2 INCH SS/ALU - FLUID BARBS + COLLAR CLAMPS (2PCS EACH)

635662

UNITOR AEROFLOW DOUBLE DIAPHRAGM PUMP - BONDING GROUND SET

This page is printed from

<https://www.wilhelmsen.com/product-catalogue/products/pumps/pumps/double-diaphragm-pumps/unitor-aeroflow-double-diaphragm-pump-2-inch-alu-atex-z1/>