

Water separator VDT 1000

Technology

- Connection ready water separator to connect with a high pressure blower or sound-box for drying in vacuum process.
- The connected compressor accused that sucked air / water through the water separator (e.g. from the damp course). By its construction, the water gathers in the VDT1000 until the built-in level regulator disconnects the side channel blower and turns on the sewage water pump. This then pumps out the water from the VDT1000 through the sewage water hose. If water level sinks in the VDT1000 on approx. 1cm height, the high pressure blower turns itself on again and goes on running up to the next pumping mode.



Application & functioning

Area of use

Vacuum drying, suck water or insulating layer drying process, cavity drying process in suction mode.

Fits optimal to connect with

AERIAL-sound box AB 200, AB 500 or AB 1000, and all commercial high pressure blowers up to 1,5 kW

Dimensions & installation

Installation / mobility

On the floor. Stability by four rubber bumpers (abrasion-resistant and not coloring)

Two handles for simply carrying.

Initiation

Put plug of VDT in a socket. Put plug of the high pressure blower / sound box into the device socket of the VDT.

Connect suction connector of high pressure blower / sound box with the VDT (50 mm hose, opt. fitting)

Connect hose 50 mm at the three connectors of the VDT and install hoses and connecting pieces between water separator and core holes in the floor / wall.

Switch on the units at On/Off-switch.

Connectors

5 pcs. Connectors D= 50 mm, (2 x for high pressure blower, 3 x for suction side).Screw caps to close connectors while disuse ar included.

¾" threaded connector for sewage with non-return valve

Maintenance

Outside and inside cleaning

Dimensions

Height / width / depth:

465 mm / 310 mm / 580 mm

Weight

24 kg

Technical data

Casing

Durably made of high-grade steel, cap with plexiglas, easy removable without tool, very service friendly.

Operation panel: control panel made of steel sheet flux coated.

Included pump

Sewage water pump KP 15 (Grundfos) with special level-control

Maximum capacity of the pump

Conveyor height 1 mtr. = 138 L./min

Conveyor height 2 mtr. = 120 L./min

Conveyor height 3 mtr. = 84 L./min

Conveyor height 4 mtr. = 45 L./min

Voltage

230 V / 50 Hz

Conneting cable

approx. 4,5 mtrs. with plug, cable keeping

Control elements

On-/Off-switch

Device socket (for example for sound box), maximum 15 A, Fuse for device socket: 15 A

Guarantee

24 months from date of purchase

Optionally available accessories

AERIAL-sound boxes AB, HEPA-filter, connectors, hoses, reducer