

Sewage lifting units **Kompaktboy 1,1 D 400 V**

single-pump sewage lifting unit

Features:

- polyethylene container with 55 litres capacity and up to 45 litres switching volume
- vortex pumps with high efficiency and low operation noise
- mechanical seal and shaft seal with intermediate oil chamber
- inlets: 3 x DN 100, 3 x DN 50, 1 x DN 50/100
- additional connections 1 1/2" for manual diaphragm pump
- air vent DN 70 (Ø 75mm)
- operation temperature max. 55°C
- operating mode S3 25%
- protection grade IP 68 fully submersible

Application:

- pumping of domestic sewage from basement apartments, single-family houses or apartment buildings
- above-ground installation in frost-free rooms below the backflow level

Scope of delivery:

- pre-assembled lifting unit with 3,5 m connection cable to the motor and 3,5 m pneumatic tube to the control with integrated non-return valve DN 100 (Kompaktboy 3,0-2P with external cast iron non-return valves)
- connection flange piece DN 100 for pressure pipe (DN 80 optional)
- flexible connection with tension clamps for pressure pipe and ventilation pipe
- incl. ZPS1: comfortable, pneumatic level control with microcontroller, LCD plain text display for filling level, maintenance, operating hours, fault message and alarm signal in switchbox for indoor installation



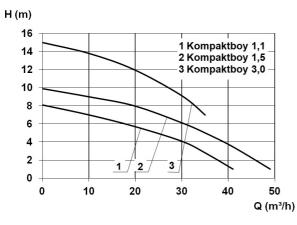
Product benefits:

- compact dimensions; space-saving contribution even through manhole opening (60 cm)
- pre-assembled connection pieces, non-return valve integrated (except 3kW)
- · comfort control unit included in delivery
- high delivery heads
- integrated pressure measurement for mm-precise switch points
- all-side connections for easy installation in cramped rooms

Technical data:

| Art.no. | U [V] | P ₁ [W] | P ₂ [W] | In [A] | n [min-1] | Qmax [m³/h] | Hmax [m] | SH [mm] | PO | L [mm] | W [mm] | H [mm] | Weight [kg] |
|---------|----------|-----------------------|-----------------------|-----------|--------------|----------------|-------------|------------|--------|-----------|-----------|-----------|----------------|
| 10440 | 400 | 1.400 | 1.100 | 2,9 | 1400 | 41,0 | 8,1 | 50 | DN 100 | 564 | 540 | 576 | 43 |

Characteristics:



Materials:

| Seal motor: | shaft seal |
|------------------------|-----------------|
| Seal pump: | mechanical seal |
| Material pump housing: | PP GF30 |



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Dimensions:

