

## Condensate pump

# Condistar H76 K

### Application

Lifting unit for the disposal of dripping water and condensate from condensing boilers as well as from systems of the refrigeration and air-conditioning technology. In modern condensing boilers, the exhaust gases are cooled to below the dew point. The condensate produced here and in the flue must be disposed of. For the special disposal in rooms below the sewer backflow level or the H76 K condensate pump has been developed for the special case of condensate disposal in rooms below the duct backflow level or without a direct duct connection. The pump is characterized by low operating costs and low operating noise. Due to these low noise emissions, it is possible to use the pump almost in the immediate living environment.

The fully automatic float circuit ensures reliable operation. The mounting elements are prepared for both wall and floor mounting. This means that the pump can be installed wherever condensate is produced.

**Pumped medium:** Condensate and dripping water with a pH-value up to 2,5. Max. temperature of pumped medium: 50° C.

**Operating mode:** Intermittent operation.

### Design

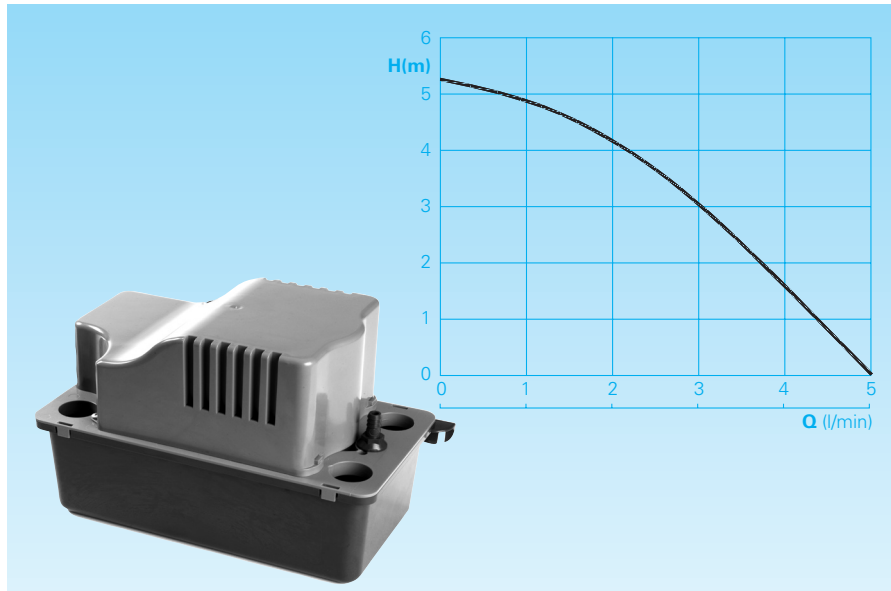
Non-rotting collecting tank made of fire-retardant ABS with 3 condensate inlet openings 28 mm, 2 of which are covered with blind caps, adapters for various pipe diameters.

Pressure side connection spout 3/8" with integrated ball backflow preventer. Wall mounting device, drain hose.

**Motor:** Single phase motor with stainless steel motor shaft, thermal protection switch. Test switch for control function, degree of protection IP44.

**Level control:** Float switch with potential-free alarm contact. The alarm contact is switched by an additional float, it can be used as a normally open contact to use an external buzzer or bell, but it can also be used as a normally closed contact to switch off the devices that generate the capacitors, simply by changing the contacts.

### Conveying capacity



### Technical data

Pump type	Motor input		Voltage 50 Hz (V)	Nominal current (A)	Connecting cable (m)	Weight (kg)
	P <sub>1</sub> (kW)	P <sub>2</sub> (kW)				
H76 K	0,075	0,032	230 / 1 Ph	0,6	1,8	2,9

Rotational speed: 2900 rpm

Discharge: 9,5 mm ( 3/8" -sleeve)

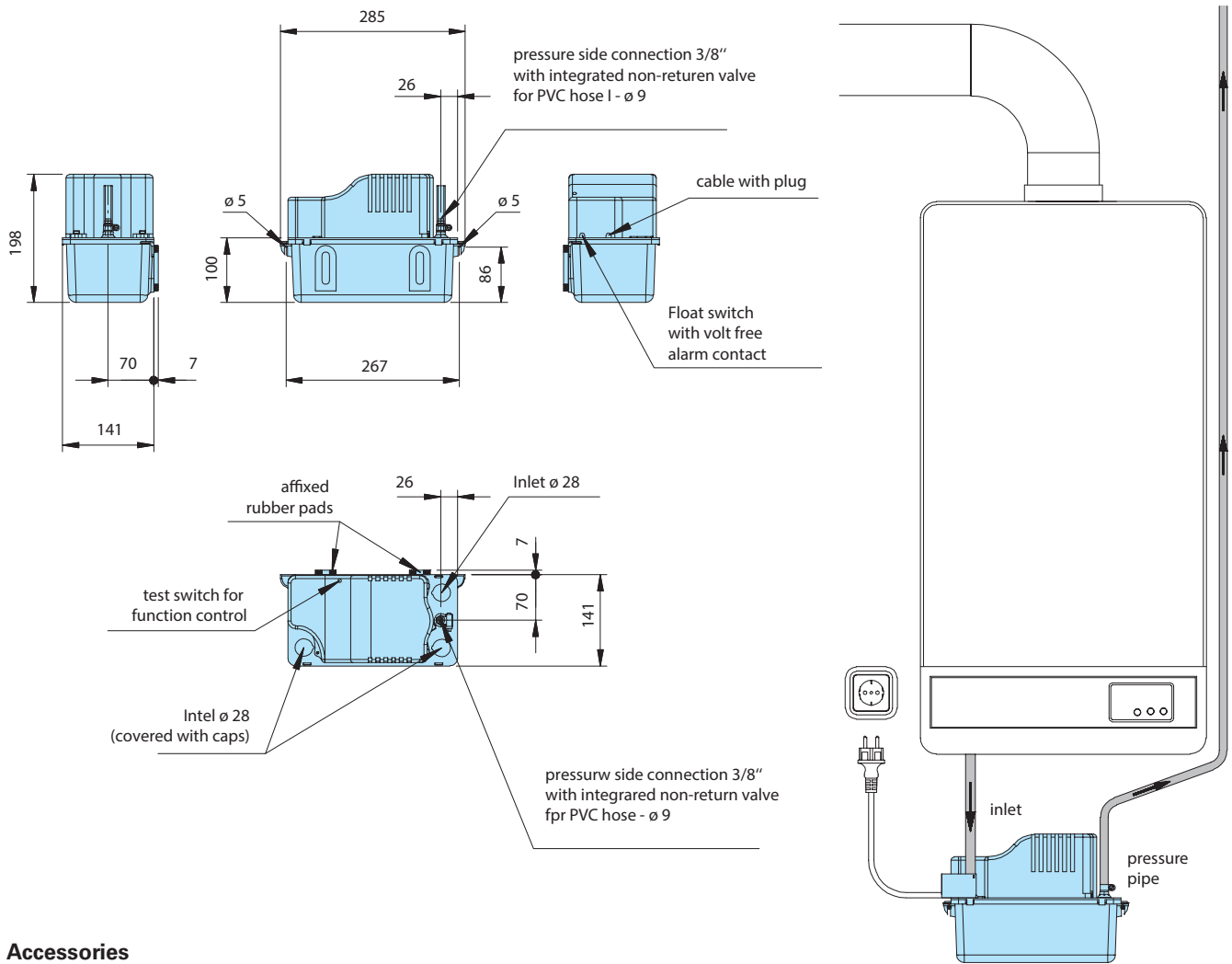
### Materials

Motor housing, impeller, tank	fire retardant ABS
Motor shaft	Stainless steel

### Scope of supply

Tank with pump and control box, 2.0 m of connecting cable with mains plug, 6 m of pressure hose, adapter for different inlet pipe-diameters.

**Dimensions and installation example** (all dimensions in mm)



**Accessories**

Description	Part no.
Alarm system AL3 without level registration	1586140
For mains independent operation, rechargeable battery 9V with connector-set for AL3	1952215

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