

CONDENSATE PUMPS

With a three-level float control and alarm-switch



EE 2000^{T1}



EE 2850



EE 1750^M



EE 1650^M



EE 20 *plus*



electronic ballasts

heating pumps – air conditioning – pump systems

With a three-level float control and alarm-switch

CONDENSATE PUMPS

EE 2000^{TI}

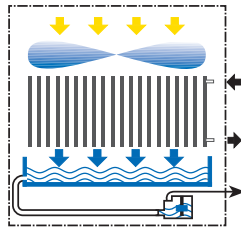
Micropump with a 3-level float switch sensor

Usage

This float type pump is mainly used in air conditioners with tight location: wall mounted mini split, ceiling unit. The small sensor unit can go easily inside.

Description

The EE 2000^{TI} comprises a pump unit and a 3-level float switch which controls On, Off and Alarm conditions. The float switch unit is fixed to the tank outlet or to a pipe end.



Technical Data

Pump unit: (L x W x H) 77 x 49 x 62 mm
 Sensor unit: (L x W x H) 82 x 39 x 39 mm
 Max. flow rate: 10 l/h
 Max. delivery height: 6 m
 Max. suction height: 2.5 m
 Alarm switch: max. 230V, 8A



EE 2000^{TI}

EE 2850

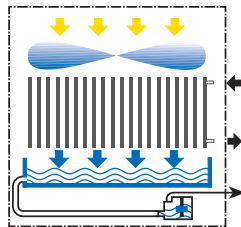
Micropump with a 3-level float switch sensor

Usage

This float type pump is mainly used in air conditioners with tight location: wall mounted cassette split, ceiling unit. The small sensor unit can go easily inside.

Description

The EE 2850 comprises a pump unit and a 3-level float switch which controls On, Off and Alarm conditions. The float switch unit is fixed to the tank outlet or to a pipe end.



Technical Data

Pump unit: (L x W x H) 77 x 35 x 62 mm
 Sensor unit: (L x W x H) 82 x 39 x 39 mm
 Max. flow rate: 10 l/h
 Max. delivery height: 6 m
 Max. suction height: 2.5 m
 Alarm switch: max. 24V, 6 VA (Ohmsche Last)
 NO normal open



EE 2850

EE 1750^M

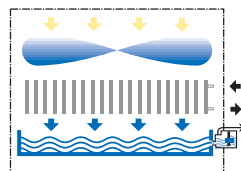
Pump with a 3-level float switch sensor

Usage

This float type pump is used in conjunction with air conditioners which have condensate collection tanks with an outlet on the drainage pipe-work: cassette, ceiling unit, split, fan convectors.

Description

The EE 1750^M comprises a pump unit and a 3-level float switch sensor. The float switch controls On, Off and Alarm conditions. The float switch unit is fixed to the tank outlet or to a pipe end, it is connected to the pump unit by a 1.5 m/5 ft long pipe and cable (an optional extension is available).



Technical Data

Pump unit: (L x W x H) 100 x 81.5 x 67 mm
 Sensor unit: (L x W x H) 82 x 39 x 39 mm
 Max. flow rate: 32 l/h
 Max. delivery height: 8 m
 Max. suction height: 3 m
 Alarm switch: max. 230V, 8A (Ohmsche Last)



EE 1750^M

With a three-level float control and alarm-switch

CONDENSATE PUMPS

EE 1650^M

Pump with integrated float switch and tank

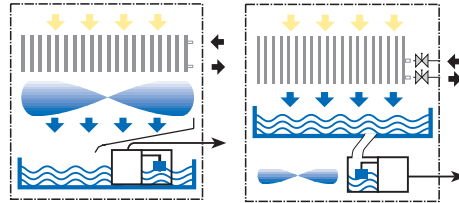
Usage

This compact unit with integrated float switch is designed to be used inside devices equipped only with a condensate collecting tank such as fan convectors, cabinet models, built-in units, water collection consoles ...

Steps must be taken to ensure that no fluid runs over the pump!

Description

The delivery system is equipped with 2 separately operating float switches. The working float switch turns the pump on and off depending on the filling level (with run-on time). The function of the alarm float switch is to isolate the break contact element.



Technical Data

Pump unit: (L x W x H):	244 x 174 x 144 mm
Alarm switch	230 V, 8 A
Max. delivery output:	32 l/h
Max. delivery height:	8 m
Tank capacity:	2 l
Alarm:	40 ± 2mm*
Start:	30 ± 2mm*
Stop:	52 ± 2mm*

*Dimensions specified from the mounting surface



EE 1650^M

EE 20plus

Pump with integrated float switch and tank

The Eckerle condensate pump EE 20plus is designed to convey condensate from air conditioning systems, refrigerated counters, dehumidifiers and/or gas heating systems. The pump is manufactured from chemically resistant ABS plastic, is corrosion-resistant and hardwearing in design. The pump is equipped with a 1.6 litre tank and a 1.5 metre mains cable. The centrifugal pump is suitable for the delivery of slightly contaminated water. Not suitable for use in environments sensitive to noise. Caution! Do not use the pump in the open air, only inside buildings. This is not an immersion pump, and can therefore not be used under water.

Mounting

1. Select a mounting location near the air conditioning appliance. The pump must be mounted horizontally. The supply line must be installed at a downward incline towards the pump. The pump is fastened to the wall by means of two screws.
2. Mount the device in such a way that a distance of at least 16.5 cm remains above it. This is necessary to allow the lid to be removed for cleaning purposes.

Technical Data

Tank capacity:	1.6 l
Voltage:	230 V/50 Hz
Output:	160 VA
Dimensions (L x W x H):	280 x 127 x 121 mm
Weight:	1.6 kg
Max. delivery output:	300 l/h
Max. delivery height:	3 m

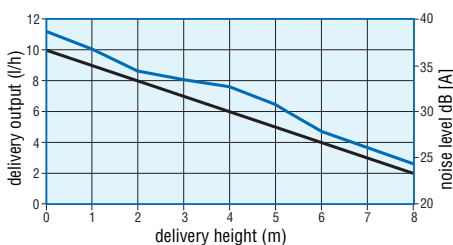
Safety

An integrated non-return valve prevents condensate from returning to the unit. The pump is also fitted with an overload safety switch which interrupts the circuit of the refrigerating or heating device in case of a defect.

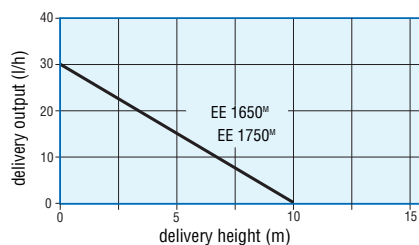


EE 20plus

EE 2000^{T1}/EE 2850



EE 1650^M/EE 1750^M



EE 20plus



CONDENSATE PUMPS

EE 2000^{TI} / EE 2850 / EE 1750^M

Installation example EE 2000^{TI}



Preventing Maintenance

1. When installing a condensate pump make sure that it is installed in such a way that you have easy access to the pump and sensor for comfortable maintenance.
2. The sensor can now be mounted directly on metal surfaces without any detrimental effect on the magnetic float. The plastic bracket has adhesive tape fitted to the underside, please use this to secure the bracket in position.
3. The sensor will function even if it is up to 10 degrees out of alignment.

Maintenance

1. Every 12 months remove the sensor from the bracket, remove the lid.
2. Using a mild commercial cleaning agent, carry out the following.
3. Clean the filter.
4. Clean the inside of the sensor housing.
5. Clean the float.
6. Re-assemble making sure the magnetic is at the top of float.
7. Some environments may require service more frequently.



The working float switch turns the pump on and off depending on the filling level (with run-on time). The function of the alarm float switch is to isolate the break contact element. (Alarmswitch max. 230 V, 8 A).

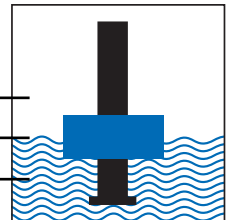
Level control appliance

The float switch has 3 operating points

Alarm: 21.5 ± 2 mm

Start: 15.5 ± 2 mm

Stop: 9.5 ± 2 mm



The measure specification refers to the lower bottom of the level sensor.

Accessories

extension cable 3 m (9.9 ft)	22003
extension cable 5 m (16.5 ft)	22005
extension cable 10 m (33 ft)	22010
clear pipe 50 m in roll 6 mm x 1,5	22150

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