

Innovations by **DELCO CONTROLS**

NEW
Product

Condensate Pumps for Air Conditioners

Secura-Split® **ECP 1A - SERIES** CE

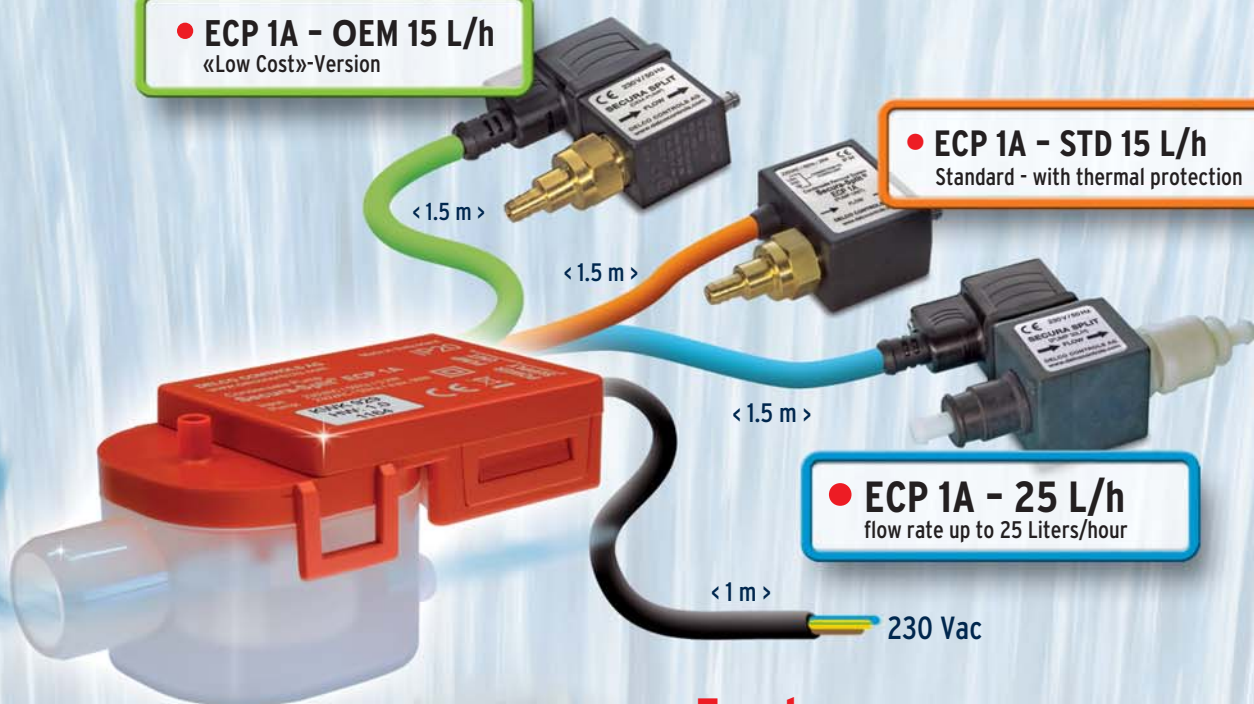
«The Swiss **€**co Condensate Pump»

1 System - 3 Versions

• **ECP 1A - OEM 15 L/h**
«Low Cost»-Version

• **ECP 1A - STD 15 L/h**
Standard - with thermal protection

• **ECP 1A - 25 L/h**
flow rate up to 25 Liters/hour



Facts: Secura-Split® **ECP 1A - SERIES**

- Simple installation
- Prewired
- Fits in almost every air conditioner
- and into every installation duct
- Pumps: 15 L/h or 25 L/h
- Noise level: 19 / 20 / 23 dB(A)
- max. pumping head: 12 m / 15 m
- max. suction head: 2 m

DELCO CONTROLS AG
for refrigeration & airconditioning


swiss-made

Innovations through Experience

Secura-Split® ECP 1A - SERIES



«The Swiss  Eco Condensate Pump»

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PRODUCT DESCRIPTION

The Condensate Pump **Secura-Split® ECP 1A** has been developed especially for Minisplit wall-hung air conditioners with a cooling capacity of up to 10 kW / 34'000 BTU (Pump 15 L/h) respectively 22,5 kW / 76'500 BTU (Pump 25 L/h). It can, however, also be used for other types of air conditioners such as ceiling-mounted units.

The **Secura-Split® ECP 1A** system includes:

- 1 float housing (**SENSOR-UNIT**) with integrated electronic system
- 1 pump (**PUMP-UNIT**), to be installed at any place within or outside the air conditioner
- 1 line filter

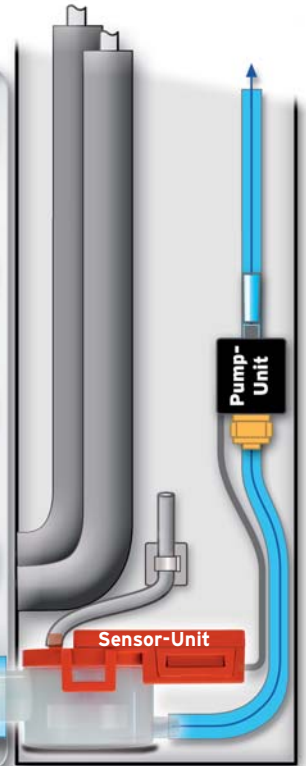
The very small float housing fits into almost any air conditioner and installation is easy.

It is connected via the line filter at the condensate water drain hose of the air conditioner.

As soon as the float housing is filled up to $\frac{2}{3}$ with condensate water, the pump is switched on and pumps the water out until the float housing is less than $\frac{1}{3}$ full.

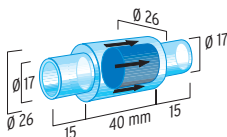
The pumps are extremely quiet, powerful and self-priming oscillating piston pumps and are fitted with non-return valves. The version «ECP 1A - STD 15 L/h» is fitted with an integrated temperature protection switch and, in addition, this pump is also encased in insulating plastic to reduce the noise level.

Since the flow rate of each pump is reduced by even very low dirt accumulation, the system has a line filter.

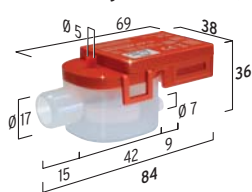


DIMENSIONS:

Line filter



Float housing (SENSOR-UNIT)



Pumps (PUMP-UNITS)

ECP 1A - OEM 15 L/h



ECP 1A - STD 15 L/h

Standard - with thermal protection

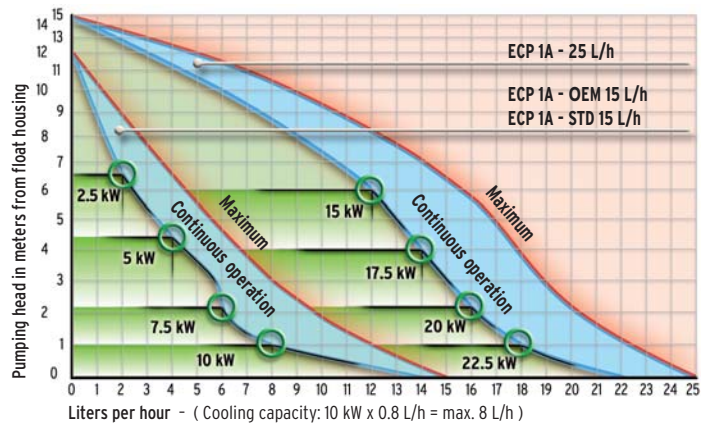


ECP 1A - 25 L/h

flow rate up to 25 Liters/hour



FLOW RATE:



TECHNICAL DATA:

- Power supply: 230 Vac, 50 Hz
- Power consumption: max. 50 Watts
- Ambient temperature: 0 - 45 °C
- Thermal protection pump: 95 °C (only for version ECP 1A - STD 15 L/h)
- Index of protection float housing: IP 20
- Index of protection pumps: IP 54
- Noise level pumps: ECP 1A - OEM 15 L/h: max. 20 dB(A)
ECP 1A - STD 15 L/h: max. 19 dB(A)
ECP 1A - 25 L/h: max. 23 dB(A)

FLOW RATE:

- Max. flow rate: ECP 1A - OEM 15 L/h: 15 L/h
ECP 1A - STD 15 L/h: 15 L/h
ECP 1A - 25 L/h: 25 L/h
- Max. pumping head: ECP 1A - OEM 15 L/h: 12 m
ECP 1A - STD 15 L/h: 12 m
ECP 1A - 25 L/h: 15 m
- Max. suction head: 2 m (without back pressure)
- Max. horizontal head distance: 30 m
- Max. water temperature: 45 °C

