

In 3 versions - up to 25 L/h

The smallest Sensor
for optimal Condensate Removal

Secura-Split[®] XS 5000 - SERIES

• XS 5000 - STD 15 L/h
Standard - with thermal protection

• XS 5000 - OEM 15 L/h
«Low Cost»-Version

• XS 5000 - 25 L/h
flow rate up to 25 Liters/hour

The **PREMIUM-System** for Condensate Removal
with the smallest sensor

- Capacitive level measurement
- No moving parts
- For all qualities of water
- Fits in every air conditioner
- Fits in every installation duct
- Pumps: 15 L/h or 25 L/h
- Noise level: 19 / 20 / 23 dB(A)
- Alarm Relay: 16 A



Innovation through Experience

DELCO CONTROLS AG
for refrigeration & airconditioning



Secura-Split® XS 5000 - SERIES



The PREMIUM-System for Condensate Removal with the smallest sensor

PRODUCT DESCRIPTION

The Condensate Removal System **Secura-Split® XS 5000** 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® XS 5000** system includes:

- 1 sensor housing (**SENSOR-UNIT**)
- 1 pump (**PUMP-UNIT**), to be installed at any place within or outside the air conditioner
- 1 power unit with alarm relay output (**POWER-UNIT**)
- 1 line filter

The very small sensor housing fits into every 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 $\frac{3}{4}$ with condensate water, it starts the delay of 5 seconds. After this time, the pump is switched on and pumps the water out until the float housing is less than $\frac{1}{2}$ full.

If in case of a defect pump or of a blockage, the pump is running for one minute continuously, the alarm relay in the power unit switches over, and the air conditioning unit can be turned off.

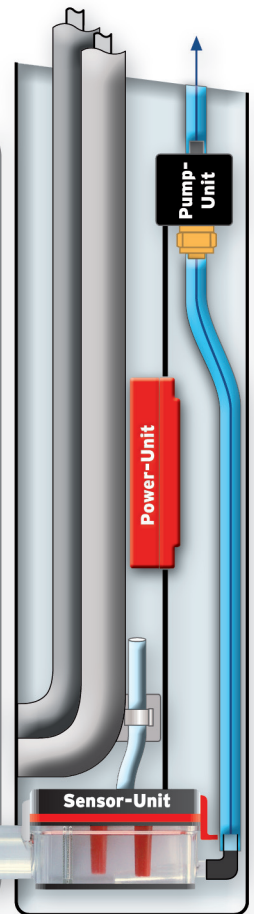
The sensor operates using capacitive level measurement, and has been specially developed for air conditioning systems. It also functions with lower conductivity of the condensate, but, above all, for water that is

contaminated by dirt, oil or algae. Unlike conventional condensate pumps with float switches, the system **Secura-Split® XS 5000** has no moving parts in the sensor housing that could be blocked by dirt or algae. In addition, this electronic sensor also operates in a sloping position (unlike float switches).

The pumps are extremely quiet, powerful and self-priming oscillating piston pumps and are fitted with non-return valves.

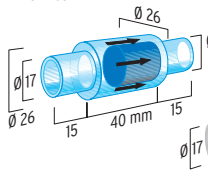
The version "**XS 5000 - STD 15 L/h**" is fitted with an integrated temperature protection switch and, in addition, this pump is also encased in insulating plastic to reduce the noise level.

Since the flow rate of each pump is reduced by even very low dirt accumulation, the system has a line filter and a built in metallic tissue filter in the sensor housing.

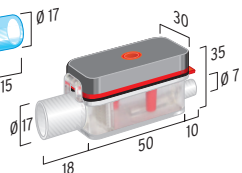


DIMENSIONS:

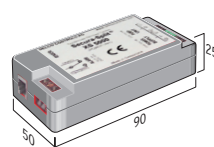
Line filter



Sensor housing (SENSOR-UNIT)

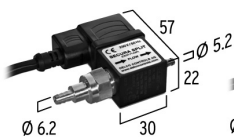


Power Unit (POWER-UNIT)



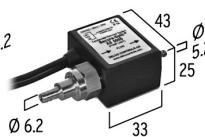
Pumps (PUMP-UNITS)

XS 5000 - OEM 15 L/h



XS 5000 - STD 15 L/h

Standard - with thermal protection

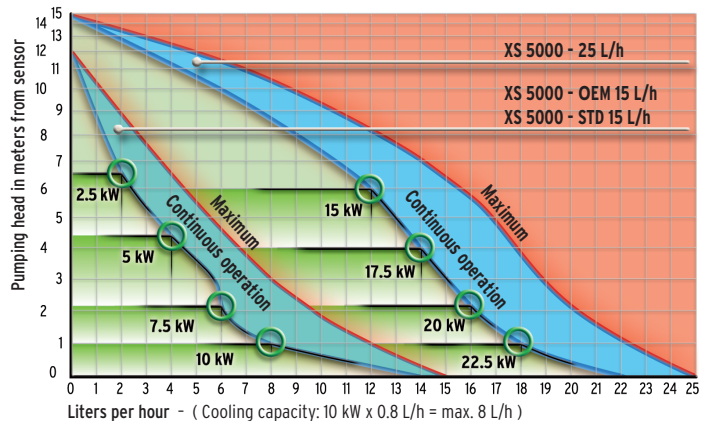


XS 5000 - 25 L/h

flow rate up to 25 Liters/hour



FLOW RATE:



TECHNICAL DATA:

• Power supply:	230 Vac, 50 Hz	• Index of protection power unit:	IP 20
• Power consumption:	max. 50 Watts	• Index of protection sensor housing:	IP 54
• Alarm relay:	16 A / max. 250 Vac	• Index of protection pumps:	IP 54
• Ambient temperature:	0 - 45 °C	• Noise level pumps:	XS 5000 - OEM 15 L/h: max. 20 dB(A)
• Thermal protection pump:	95 °C		XS 5000 - STD 15 L/h: max. 19 dB(A)
(only for version XS 5000 - STD 15 L/h)			XS 5000 - 25 L/h: max. 23 dB(A)

FLOW RATE:

Max. flow rate:	XS 5000 - OEM 15 L/h: 15 L/h
	XS 5000 - STD 15 L/h: 15 L/h
	XS 5000 - 25 L/h: 25 L/h
Max. pumping head:	XS 5000 - OEM 15 L/h: 12 m
	XS 5000 - STD 15 L/h: 12 m
	XS 5000 - 25 L/h: 15 m
Max. suction head:	2 m (without back pressure)
Max. horizontal head distance:	30 m
Max. water temperature:	45 °C