

SICCOM

mini FLOWATCH® 2

Try our condensate removal pump !

**User enjoys its silence,
installer its ease!**

**Less than 21 dBA*
IP 64 protection**

Mini FLOWATCH® 2 is a compact evolution of our well-known mini FLOWATCH. A small size easing its set-up in small and medium air conditioning systems.

Fitted with specific connectors (improving electrical safety thanks to its insulation from water & dust), this pump is easy to connect and disconnect for a quick maintenance, even in small spaces.

Perfectly silent, mini FLOWATCH® 2 offers a reliable efficiency in flowing up to condensate waters for units up to 10 kW max.

Meeting "EC" standards, mini FLOWATCH® 2 is built up in our ISO 9001 site, offering an optimum quality level.

Flowrate for 10 l/hour:



A practical fixing kit to save time !



EASY FIX holds the MINI FLOWATCH® 2 in the best way, so as to reduce vibrations and sound level.

Kit consists of :

- ✓ Pump's stand
- ✓ Vibrations absorber belt
- ✓ Level sensor's stand

Characteristics	Advantages
Low noise level (<21 dBA*, certified by LNE an independent laboratory)	Mini FLOWATCH® 2 meets most silent installations requirements
Thermal protection	Pump unit is protected against overheating
Minimum number of mobile parts	Accurate reliability, reduced maintenance
Alarm level	Allows stopping the air conditioner in order to avoid overflow
Industrial connectors reliable	Electrical connectors
Complete pack	All necessary are in the box
IP 64 standards	Waterproofness and dustproofness Easy to connect and disconnect with special connectors
Small dimensions Pump unit: 85 x 28 x 48 mm Level sensor unit: 78 x 38 x 37 mm	Easy to set-up in most compact air conditioning units
Main supply : 220 VAC 50/60 Hz 19 W	Alarm: 5Amp resistive. Possibility of relays mounting for bigger Amp. needs.

Average sound level pressure at 1 meter, calculated on acoustic power level Lwad 32,80 dBA (ref 1pw) EF EN ISO 3744 Standards.



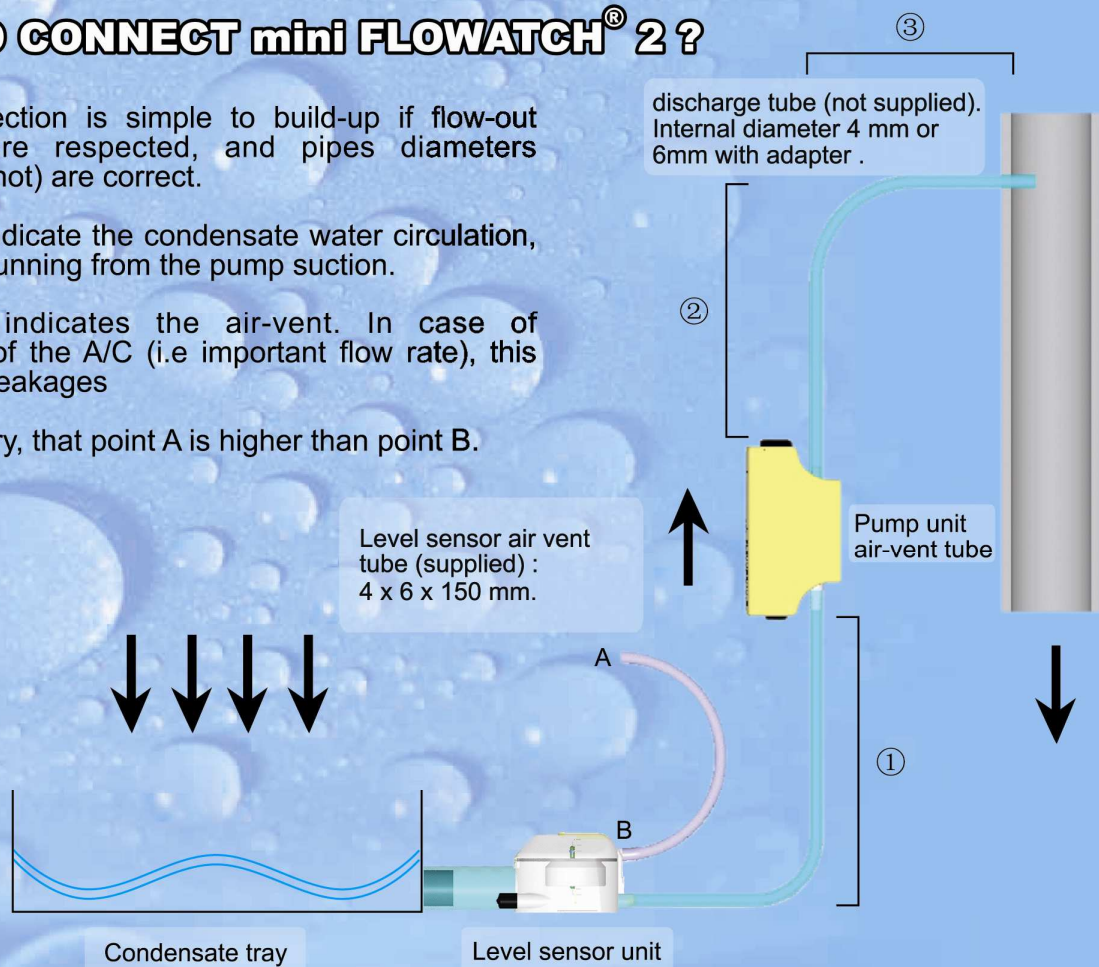
HOW TO CONNECT mini FLOWWATCH[®] 2 ?

Water connection is simple to build-up if flow-out directions are respected, and pipes diameters (supplied or not) are correct.

Blue pipes indicate the condensate water circulation, in a normal running from the pump suction.

Grey pipe indicates the air-vent. In case of dysfunction of the A/C (i.e important flow rate), this tube avoids leakages

It is necessary, that point A is higher than point B.



How to make the right choice ?

Mini FLOWWATCH 2 is installed for A/C unit up to 10kW max.

In general, we can estimate at 0.8 l/h the volume of condensates generated by 1kW of your A/C.

As an example, a simple calculation can be done :

For an air conditioner of 5 kW. the condensates to be drained off : $5 \times 0.8 = 4$ l/h

With this value, the comparison can be done with table.

The fact to take into account these parameters will enable you to realise a functional and efficient installation

Vertical suction (1) in meter	Vertical discharge (2) in meter	Horizontal discharge (3) in meter			
		5	10	20	30
0 m	1	10.4	9.1	8.3	7.3
	2	8.9	7.8	7.0	6.4
	3	7.9	7.1	6.3	5.8
	4	7.0	6.0	5.3	4.9
1 m	1	8.9	8.3	7.5	6.9
	2	7.8	7.3	6.7	6.1
	3	6.9	6.7	5.7	5.4
	4	5.9	5.5	4.9	4.4
1,5 m	1	7.8	7.6	6.9	6.5
	2	7.1	6.6	6.2	5.7
	3	6.5	5.7	5.1	4.8
	4	5.5	4.6	4.2	3.9

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