

Humidifier fitting (code MIE-EF)



The fitting is selected together with an evaporative humidifier (code EFEF) with cold humidifying surfaces that can also be used for evaporative cooling.

The fitting consists of a humidifier block, water reservoir, water distribution system and housing front section for integration into the standard module (code EMM).

- The water reservoir is made from stainless steel. Spraybars and pipe parts are made from PVC plastic.
- The humidifier is made from a specially impregnated composite material.
- Two different versions of the humidifier are available:
circulating water or direct water.
A droplet eliminator is also available.
- The humidifier is available with two different humidification rates:
max. 85% (FA6-85) or max. 95% FA6-95).
- A pump is included as standard for humidifiers using circulating water.

For further information on humidifiers, see [Munters FA6, product sheet](#) at [ivprodukt.se](#).

Accessories for fitting

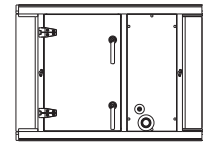
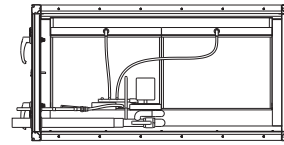
- Mounted damper motor (code KJST-04)
- Water trap (code MIET-CL-04)

Integral attenuation (dB)

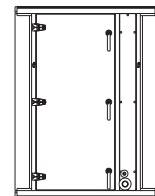
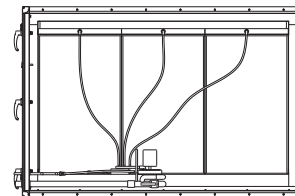
Octave band intermediate frequency (Hz)		63	125	250	500	1,000	2,000	4,000	8,000
		EFEF	85%	3	2	2	3	5	6
	95%	3	2	3	3	5	7	13	16

Technical data, sizes 150–950

Configuration MIE-EF

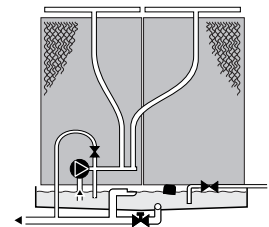


Sizes 150–600

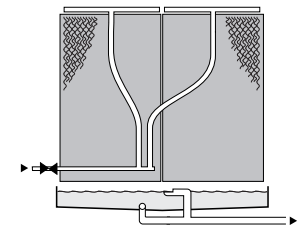


Sizes 740–950

Configuration humidifier



Circulating water



Direct water

Water consumption

Circulating water

The total water consumption is determined by the amount of evaporated and bled-off water respectively. To calculate the water consumption, see [Munters FA6 Technical manual](#) at [ivprodukt.se](#).

Direct water

Total water consumption (T) for direct water:

Size	Configuration	
	FA6-85	FA6-95
150	6.3	6.3
190	8.0	8.0
240	8.5	8.5
300, 360	10.0	10.0
480, 600	12.0	12.0
740	15.0	15.0
750	12.0	12.0
850	15.0	15.0
950	12.0	12.0

Electrical data for circulation pump

Enclosure class IP54.

Size	Configuration	Voltage 3-phase (V)	Output (W)	Rated current Δ / Y (A)
150	FA6-85 FA6-95	Δ 230/Y400	49	0.26/0.15
190, 240, 300, 360, 480, 600, 750	FA6-85	Δ 230/Y400	49	0.26/0.15
	FA6-95	Δ 230/Y400	75	0.38/0.22
740, 850	FA6-85	Δ 230/Y400	75	0.38/0.22
	FA6-95	Δ 230/Y400	140	0.71/0.41
950	FA6-85 FA6-95	Δ 230/Y400	75	0.38/0.22

Operation and maintenance instructions

The purpose of the air humidifier is to add moisture to an air flow. One operation case is to add moisture to the supply air, another is to add moisture to the extract air in order to reduce the air temperature before the air passes through e.g. a rotary heat exchanger (evaporative cooling).

Faulty function leads to a lower humidification rate.

If the humidifier is not going to be used for a long period, the humidifier block should be removed, cleaned and stored appropriately.

For instructions on how to use the humidifier, see [Munters FA6, operation and maintenance](#) at ivprodukt.se.