MADE IN SWEDEN

CTC EcoVåf III

Exhaust air ventilation with heat recovery

CTC EcoVåf III is an exhaust air unit designed to dock with CTC's ground source, lake, and geothermal heat pumps in properties with mechanical exhaust air ventilation.

CTC EcoVåf is a ventilation solution for buildings with mechanical exhaust air ventilation and ground source/geothermal heat pumps. The warm exhaust air is extracted from the building through a heat exchanger by means of the built-in fan. The thermal energy can then be transferred to the heat pump via a collector coil in the bedrock/ground, which provides more favourable conditions for the heat pump and a higher COP. This means that a large proportion of the energy can be recovered that would otherwise be ventilated out.

Even when the heat pump is not in operation, such as over long periods in the summer, the energy can be stored in the bedrock/ground collector coil under certain conditions, which means that the energy can be utilised maximally.

CTC EcoVåf is designed to be placed atop CTC's heat pumps, but can also be installed on an adjacent wall shelf.

Benefits:

- Provides an optimal indoor climate
- Low noise level
- Neat and simple installation
- Produces a higher COP
- Optimal utilisation of exhaust air energy

ENERGY FLEX

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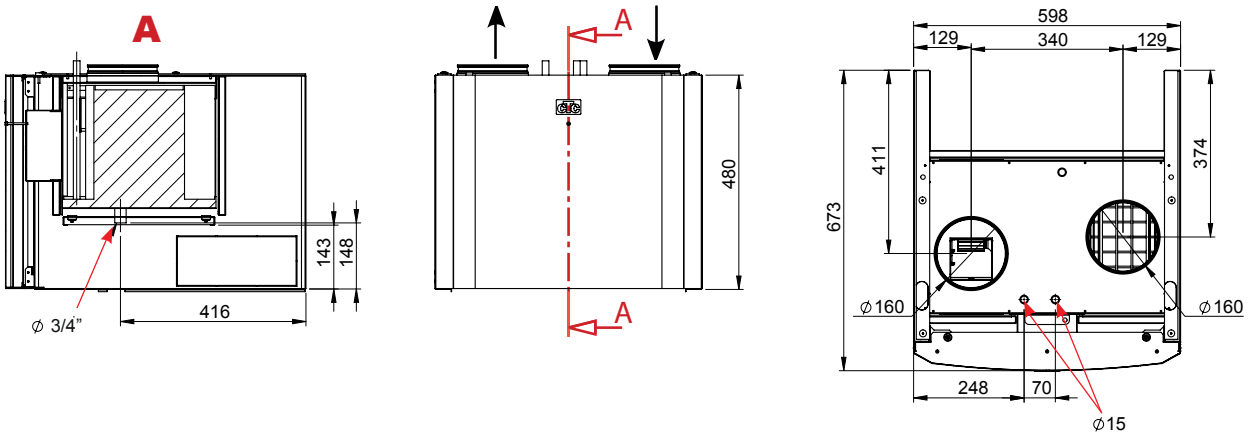
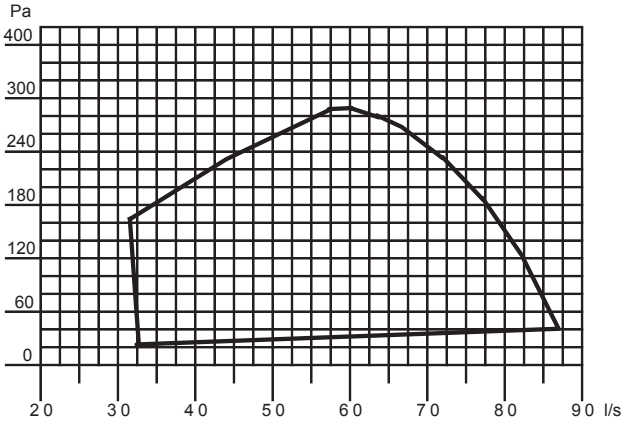
Dimensions diagram



Capacity diagram



Air filter:
Filter Kit
CTC no.: 584165401
RSK no.: 6246948

Compatible control units:
CTC EcoZenith i250 / i350 / i550
CTC EcoHeat 400
CTC EcoPart Pro
CTC GSi
CTC GS

Technical data		CTC EcoVåf III
RSK no.		6240933
CTC no.		586713001
Weight (packaged weight)	kg	26 (40)
Dimensions (width x depth x height)	mm	598 x 673 x 521
Electrical Data, connection		230V 1N~ 50Hz
Exhaust air fan	W	83
Enclosure class (IP)		IP 24
Condensate drain connection	inches	ø 3/4"
Water battery connection	mm	ø 15
Ventilation duct connection	mm	ø 160
Condensate drain connection	mm	3/4"
Ventilation		
Specific energy consumption class (EU) No. 1254/ Appendix II *		E
Specific energy consumption (SEC) @ cold/moderate/warm climate	kWh/m²/year	- 37,02 / - 17,26 / - 4,97
Airflow – ventilation (reference/max)	l/s	68/109
Maximum flow	m³/h (l/s)	392 (109)
Reference flow (SEK), (EU) no. 1254	m³/s (l/s)	0.068 (68)
Sound power reference flow (L_{WA})	dB(A)	42
Filter class EN 779		G80

[1] Ecodesign data sheets can be downloaded from: www.ctc-heating.com/ecodesign
Ecodesign data scale: A+ to G

2019-11-13
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