

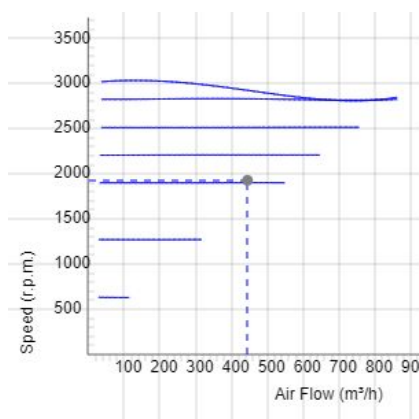
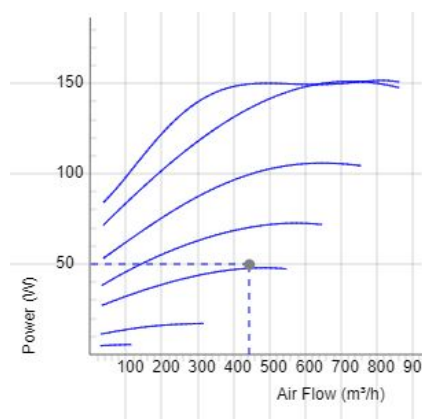
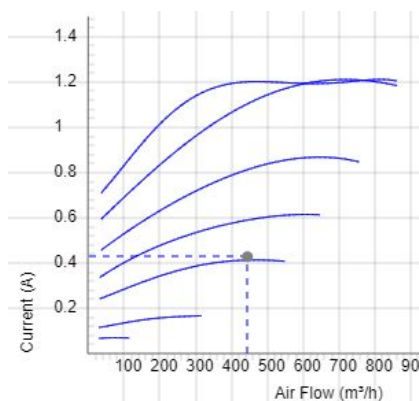
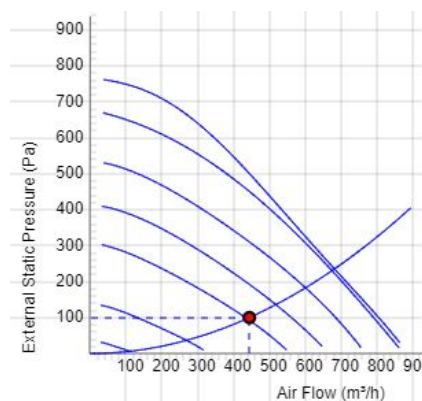
HERU 200 T EC



- Floor model with top connection.
- Designed for supply and exhaust air ventilation with energy recovery.
- Suitable for installation in apartments, small houses, offices and other premises where there are stringent requirements on the indoor environment.
- High temperature efficiency, low energy consumption (SFP), low sound level, high operating reliability and provides clean indoor air.
- Unique design minimizes all thermal bridges.
- Easy to handle with wireless IQ CONTROL with 4,3" touch display for operation and monitoring.
- Integrated Modbus communication. No accessories needed.
- App controlled via cloud service.
- Easy installation wizard.
- Scheduled operation.
- Supports use of presence sensors.
- Airflow is generated by two silent radial fans with EC motors and impellers with backward curved blades.
- The fans are connected using quick connectors and are very easy to remove for cleaning.
- A regenerative, non hygroscopic, aluminum rotating heat exchanger located in the center of the unit. The heat exchanger can easily be removed for cleaning.
- Delivered with filter ISO ePM1 50% as standard, for both exhaust and supply air. The filters are very easy to change.
- Integrated controls for heating/cooling. Increases thermal comfort by heat recovery or night cooling.
- Integrated electric heater.
- The interior of the unit is constructed of galvanized steel sheet. The exterior is made of powder coated galvanized steel sheet and Galfan, and meets C3 requirements.
- 50 mm insulation in sides, top, bottom and door.
- 30 mm insulation in the back of the unit.
- For placement in warm areas, such as laundry, storage or utility rooms.
- Available in either right-hand or left-hand design.
- HERU 200T and HERU 300T comes with cable for fixed installation.
- Integrated silencer on the supply air and extract air side.

NOTE! The warranty of HERU is only valid if accessories/equipment (e.g. filters) from H. Östberg AB are used.

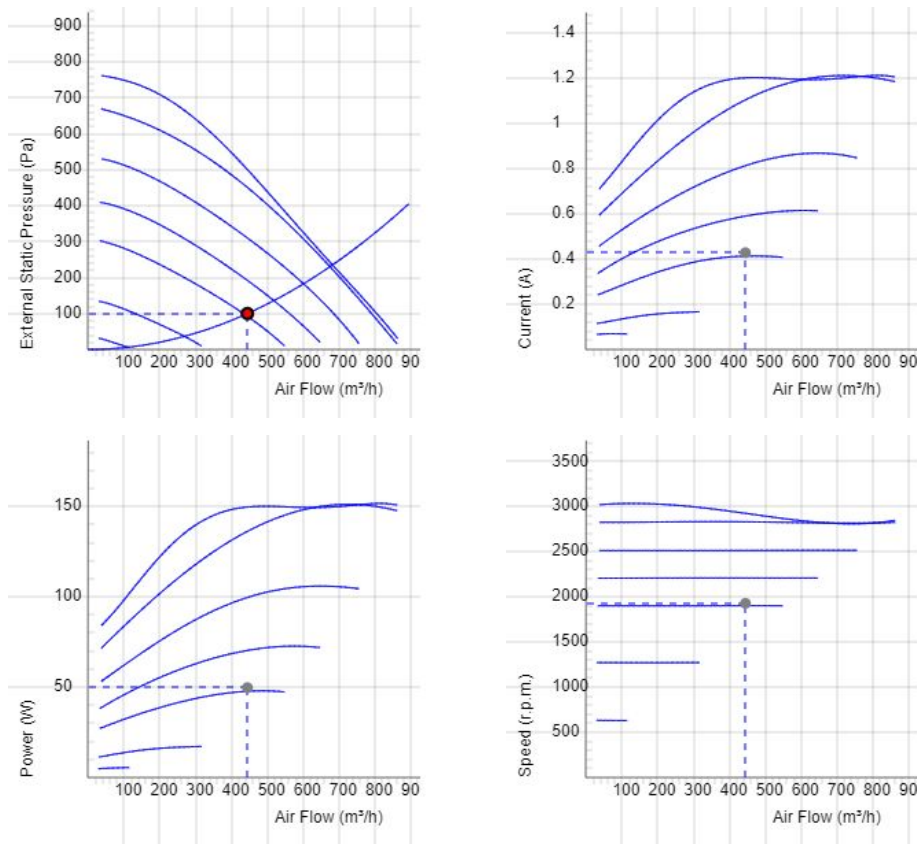
DIAGRAMS - SUPPLY



Data - SUPPLY

Air Flow (m ³ /h) 445	External static pressure (Pa) 100	Power (W) 49.7	Speed (r.p.m.) 1928	Current (A) 0.428	Voltage (V) 6.08
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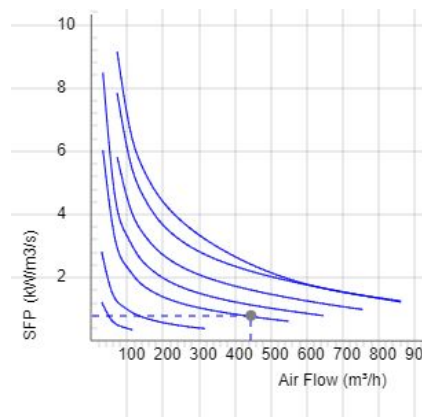
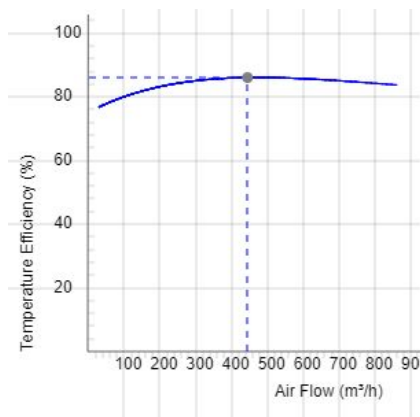
DIAGRAMS - EXTRACT



Data - EXTRACT

Air Flow (m³/h) 445	External static pressure (Pa) 100	Power (W) 49.7	Speed (r.p.m.) 1928	Current (A) 0.428	Voltage (V) 6.08
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DIAGRAMS - COMBINED

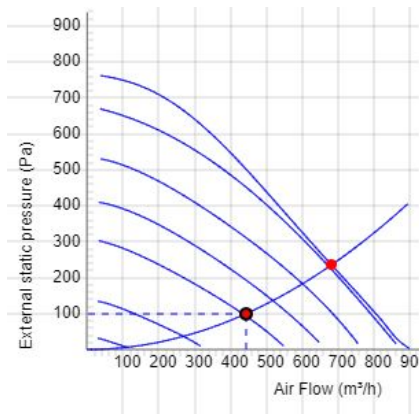


DATA COMBINED

Efficiency (%)
86.1

SFPv (kW/m³/s)
0.804

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Supply Lw dB(A)	68	57	52	66	56	53	58	52	46
Extract Lw dB(A)	55	45	42	53	43	46	47	40	26
Surrounding Lw dB(A)	46	39	36	43	34	30	30	30	29
Surrounding Lp dB (A) 20m² Sabine, hemispherical 3m	39								

Data - SOUND

Air Flow (m³/h) 682	External static pressure (Pa) 235	Power (W) 49.7	Speed (r.p.m.) 1928	Current (A) 0.428	Efficiency (%) 86.1	SFPv (kW/m³/s) 0.804	Voltage (V) 6.08
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TECHNICAL DATA

Parameter	HERU 200 T EC -y1 RE 8010785		HERU 200 T EC -y1 LE 8010786	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1-2	~	1-2	~
Frequency	50	Hz	50	Hz
Power	2620	W	2620	W
Power, fans	303	W	303	W
Power, heater	2300	W	2300	W
Current	12.6	A	12.6	A
Current, fans	2.5	A	2.5	A
Current, heater	10.0	A	10.0	A
Speed	2820	r.p.m.	2820	r.p.m.
Sound pressure level at 3 m	40	dB(A)	40	dB(A)
Weight	136	kg	136	kg
Weight (empty casing)	86.3	kg	86.3	kg
Enclosure class	41	IP	41	IP
Duct connection	250	mm	250	mm
Max. flow @ 0Pa	889.20248976697	m ³ /h	889.20248976697	m ³ /h
Max. pressure	768	Pa	768	Pa
Voltage range	220-240	V	220-240	V

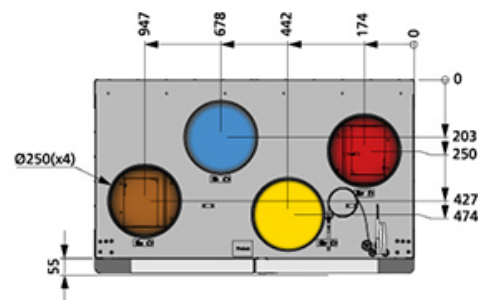
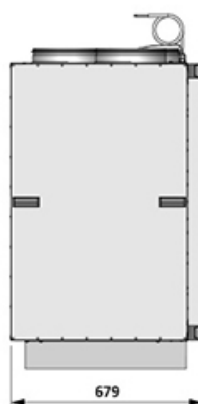
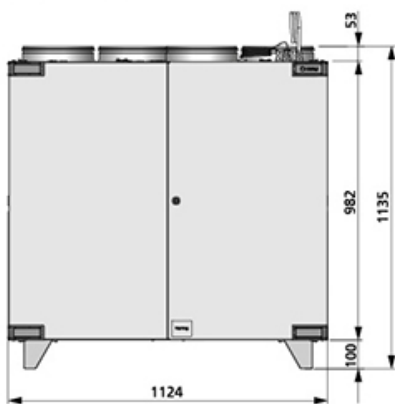
PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	HERU 200 T EC	-
(c) SEC average climate	-42.8	kWh/m ²
SEC average climate, class	A+	-
SEC warm climate	-17.6	kWh/m ²
SEC warm climate, class	E	-
SEC cold climate	-86.9	kWh/m ²
SEC cold climate, class	A+	-
(d) Declared type	RVU / BVU	-
(e) Type of drive	Variable speed drive	-
(f) Type of heat recovery	Regenerative	-
(g) Thermal efficiency	85.9	%
(h) Max. flow rate (@100Pa)	805	m ³ /h
(i) Power at max. flow rate	303	W
(j) Sound power level	40	dB LwA
(k) Reference flow rate	0.157	m ³ /s
(l) Reference pressure difference	50	Pa
(m) SPI	0.25	W/(m ³ /h)
(n) Type of control/ctrl factor	Local demand control(accessory)/0.65	-
(o) External (and internal) leakage rate	1.99 (3,99)	%
(p) Mixing rate	N/A	-
(q) Visual filter warning	In remote control	-
(r) Instruction supply/exhaust grilles	See manual	-
(s) Disassembly instructions	fsp.ostberg.com	-
(t) Airflow sensitivity	N/A	-
(u) Air tightness	N/A	m/s
(v) AEC	131	kWh

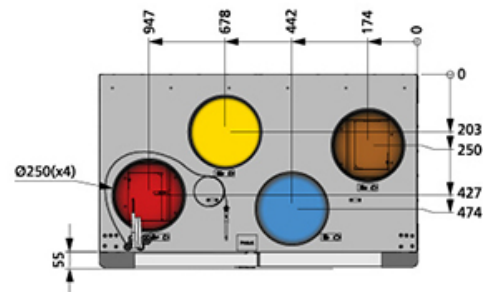
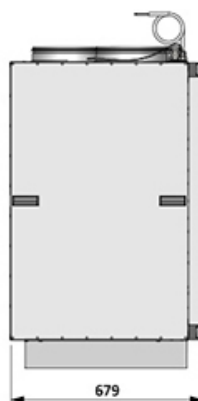
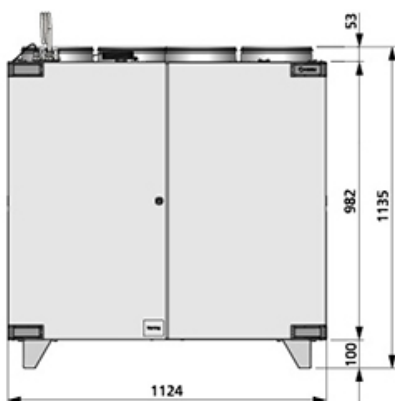
Parameter	Value	Unit
(w) AHS average	4609	kWh
AHS warmer	2084	kWh
AHS colder	9015	kWh

DIMENSIONS

RIGHT-HAND DESIGN



LEFT-HAND DESIGN



ENGLISH

- Supply air
- Extract air
- Exhaust air
- Fresh air

SVENSKA

- Tilluft
- Frånluft
- Avluft
- Uteluft

NORSKA

- Tilluft
- Avtrekk
- Avkast
- Luftinntak

SUOMI

- Tuloilma
- Poistoilma
- Jäteilma
- Ulkoilma

DEUTSCH

- Zuluft
- Abluft
- Fortluft
- Frischluft

POLSKI

- Powietrze nawiew
- Powietrze wywiew
- Powietrze usuwane
- powietrze z zewnątrz

ITALIANO

- Aria di immissione
- Aria di estrazione
- Sfiato
- Aria di esterna

ACCESSORIES

Mechanical accessories



Outside wall hood
250



Filter Kit HERU
200/300 T NextGen



Novibra Mat



Silencer LDC 250

Electrical accessories



IQC Touch display



Active dock holder
IQC



Extension cable,
antenna IQC



Firmware HERU IQC
v1.10



HERU IQ App



Pressure control IQC



Heater Kit Water,
HERU 200/300 T
NextGen



HERU 200/300 S/T
IQC Water Cooler



Room temperature
sensor



Humidity/temperature
sensor



Duct sensor



Carbon dioxide
sensor CO₂



Damper motor