

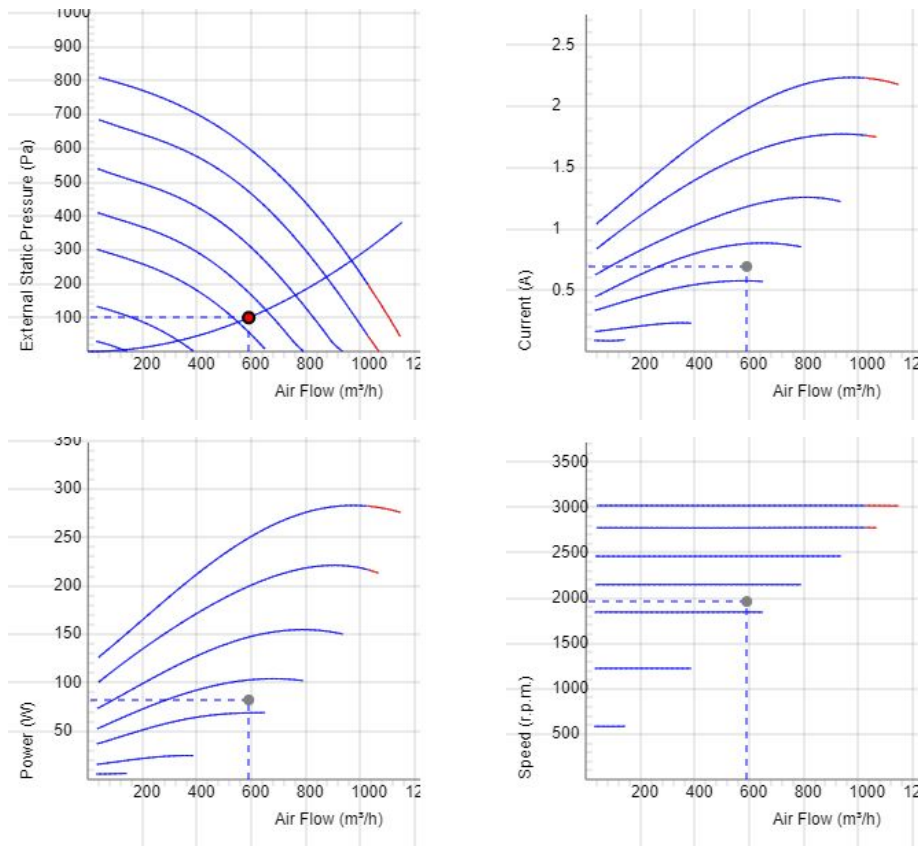
HERU 300 T EC



- NEW! Controlled by the HERU IQ app via Bluetooth or cloud service (use of Cloud service requires internet connection to the HERU).
- Wireless touch display as accessory.
- 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.
- Integrated Modbus communication. No accessories needed.
- Easy installation wizard.
- Scheduled operation.
- Integrated control for preheater.
- 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 panel 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 unit is made of galvanized steel sheet.
- 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.

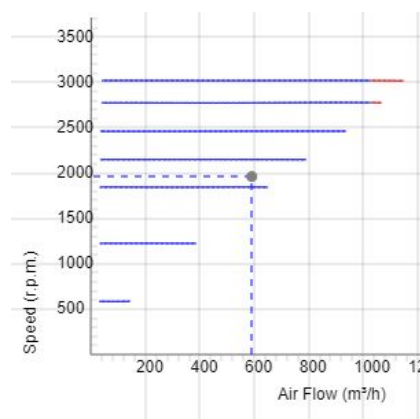
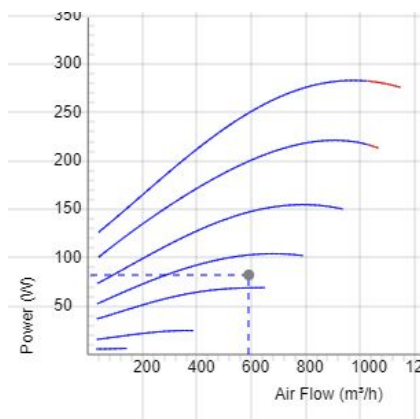
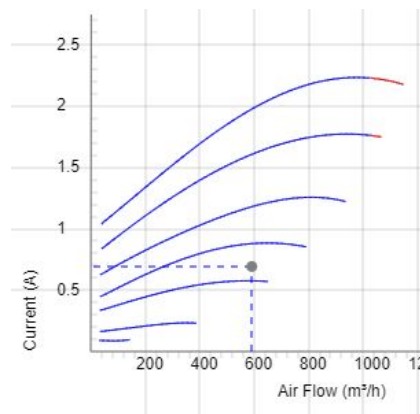
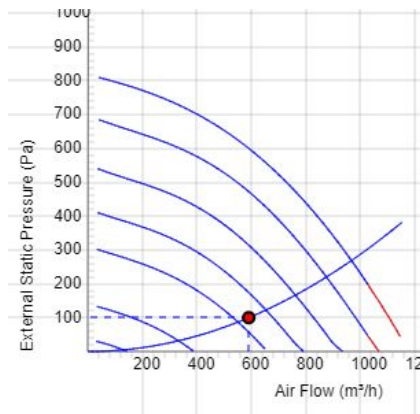
DIAGRAMS - SUPPLY



Data - SUPPLY

Air Flow (m³/h) 590	External static pressure (Pa) 100	Power (W) 82.1	Speed (r.p.m.) 1962	Current (A) 0.693	Voltage (V) 6.39
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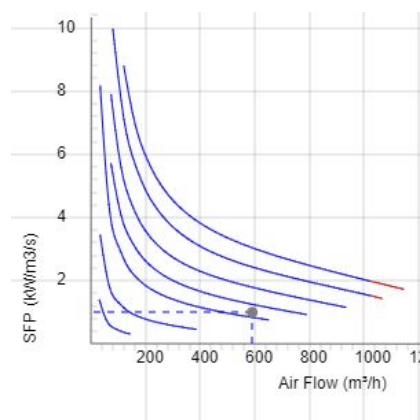
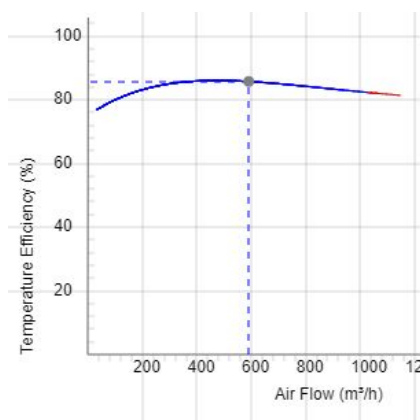
DIAGRAMS - EXTRACT



Data - EXTRACT

Air Flow (m ³ /h) 590	External static pressure (Pa) 100	Power (W) 82.1	Speed (r.p.m.) 1962	Current (A) 0.693	Voltage (V) 6.39
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DIAGRAMS - COMBINED

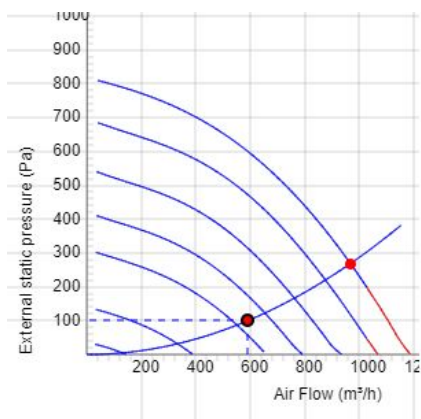


DATA COMBINED

Efficiency (%)
85.8

SFPv (kW/m³/s)
1

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Supply Lw dB(A)	73	58	59	61	71	63	65	61	56
Extract Lw dB(A)	60	49	51	53	54	50	51	46	32
Surrounding Lw dB(A)	51	48	43	39	42	37	36	35	30
Surrounding Lp dB (A) 20m² Sabine, hemispherical 3m	44								

Data - SOUND

Air Flow (m³/h) 968	External static pressure (Pa) 269	Power (W) 82.1	Speed (r.p.m.) 1962	Current (A) 0.693	Efficiency (%) 85.8	SFPv (kW/m³/s) 1	Voltage (V) 6.39
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TECHNICAL DATA

Parameter	HERU 300 T EC-y2 RE 8010840		HERU 300 T EC-y2 LE 8010841	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	2	~	2	~
Frequency	50	Hz	50	Hz
Power	2880	W	2880	W
Power, fans	563	W	563	W
Power, heater	2300	W	2300	W
Current	14.6	A	14.6	A
Current, fans	4.5	A	4.5	A
Current, heater	10.0	A	10.0	A
Speed	3020	r.p.m.	3020	r.p.m.
Sound pressure level at 3 m	41	dB(A)	41	dB(A)
Weight	140	kg	140	kg
Weight (empty casing)	85.6	kg	85.6	kg
Enclosure class	41	IP	41	IP
Duct connection	250	mm	250	mm
Max. flow @ 0Pa	1180.8033062493	m ³ /h	1180.8033062493	m ³ /h
Max. pressure	824	Pa	824	Pa
Voltage range	220-240	V	220-240	V

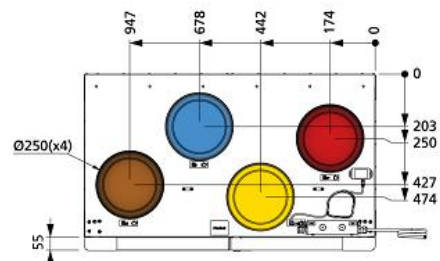
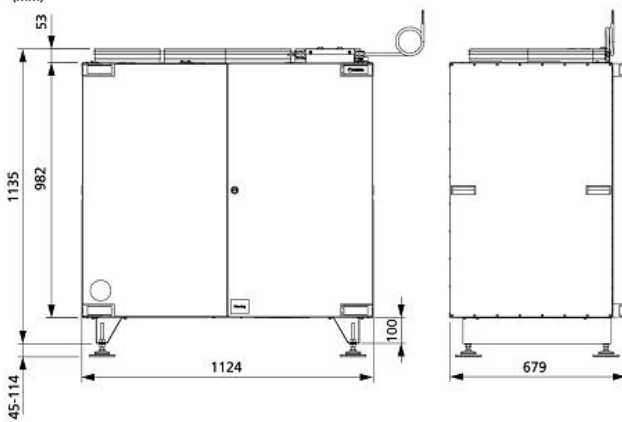
PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	HERU 300 T EC	-
(c) SEC average climate	-42	kWh/m ²
SEC average climate, class	A+	-
SEC warm climate	-16.9	kWh/m ²
SEC warm climate, class	E	-
SEC cold climate	-85.9	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	%
(h) Max. flow rate (@100Pa)	999	m ³ /h
(i) Power at max. flow rate	452	W
(j) Sound power level	41	dB LwA
(k) Reference flow rate	0.194	m ³ /s
(l) Reference pressure difference	50	Pa
(m) SPI	0.29	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	155	kWh

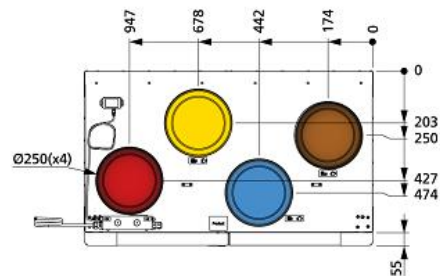
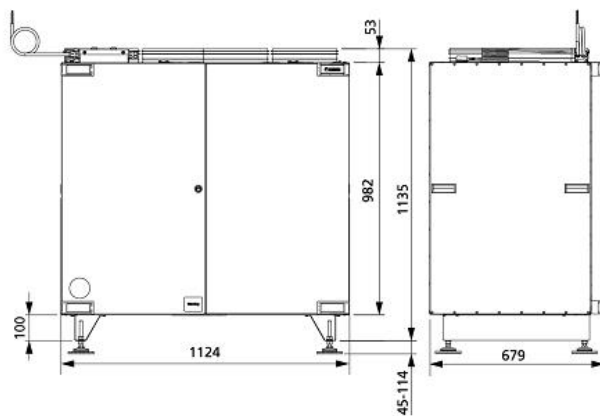
Parameter	Value	Unit
(w) AHS average	4590	kWh
AHS warmer	2075	kWh
AHS colder	8979	kWh

DIMENSIONS

RIGHT-HAND DESIGN
(mm)



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

Electrical accessories

					
IQC Easy Control panel	IQC Easy cable	IQC Touch display incl antenna	Extension cable, antenna IQC	HERU IQ App	Firmware HERU IQC
					
Pressure control IQC	Heater Kit Water, HERU 200/300 T NextGen	HERU 200/300 S/T IQC Water Cooler	Room temperature sensor	Duct temperature sensor	Humidity/temperature sensor
					
Carbon dioxide sensor CO2	Damper motor	Active dock holder IQC			

Mechanical accessories

				
Filter Kit HERU 200/300 T NextGen	Filter Kit HERU 200/300 T Reinforced 250 - NextGen	Outside wall hood	Silencer LDC 250	Novibra Mat

SPARE PARTS



IQC Touch display



Fan kit 300 T/S EC NG



Service kit rotor 200-300 T/S EC NG



Rotor motor 200-300 T/S EC NG



V-belt 200-300 T/S EC NG



Rotor kit (excl motor) 200-300 T/S EC NG



Electric heater 200-300 T EC NG



Absorber rotor motor EC NG



Pulley v-belt EC NG



IQC relay board EC NG



IQC antenna EC NG



IQC charger EC NG



IQC wall mount EC NG