

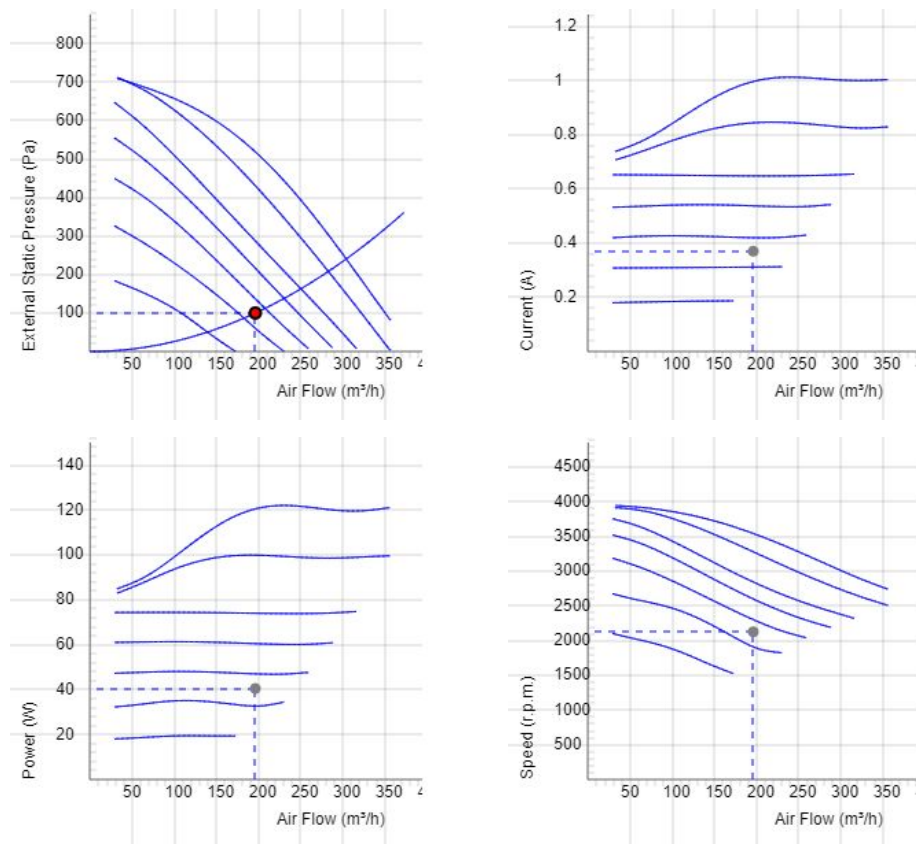
HERU 95 T EC



- Wall-mounted 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 86%, low energy consumption (SFP), low sound level, high operating reliability and provides clean indoor air.
- Unique design minimizes all thermal bridges. For easy handling, the unit is remote-controlled using the wireless control unit for operation and monitoring.
- Comes prepared for Modbus communication via RS485 (accessory needed).
- Airflow is generated by two silent radial fans with EC motors.
- The fans are connected with 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 also be removed for cleaning.
- Incinerable panel filter ISO ePM1 50% as standard, for both exhaust and supply air. The filter is very easy to change.
- Integrated controls for heating/cooling.
- Integrated electric heater.
- The unit is constructed of galvanized steel sheet, partially painted white, and insulated.
- For placement in warm areas, such as laundry, storage or utility rooms.
- Left-hand design.
- Equipped with wall plug.

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

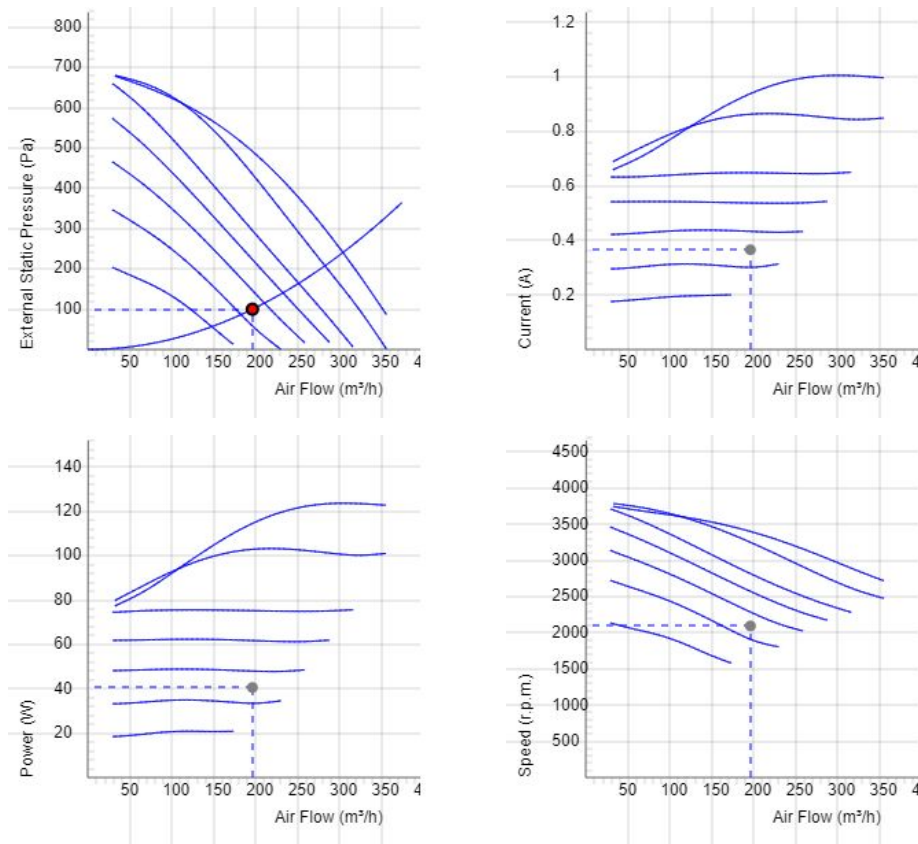
DIAGRAMS - SUPPLY



Data - SUPPLY

Air Flow (m³/h) 196	External static pressure (Pa) 100	Power (W) 40.5	Speed (r.p.m.) 2127	Current (A) 0.37	Voltage (V) 3.54
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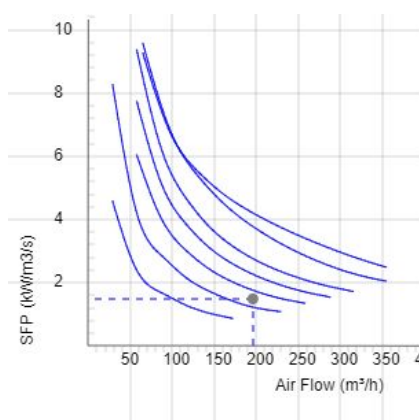
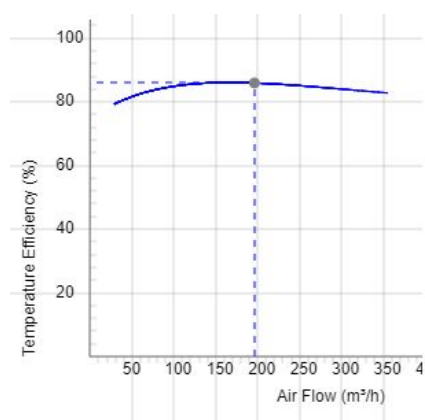
DIAGRAMS - EXTRACT



Data - EXTRACT

Air Flow (m³/h) 196	External static pressure (Pa) 100	Power (W) 40.6	Speed (r.p.m.) 2096	Current (A) 0.366	Voltage (V) 3.49
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DIAGRAMS - COMBINED

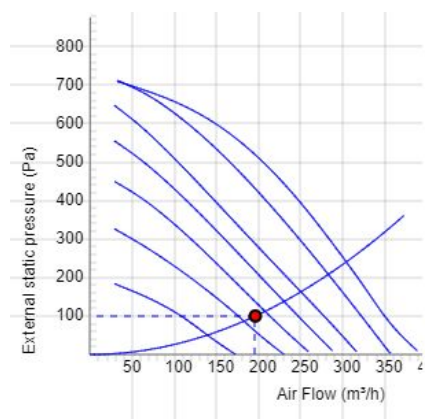


DATA COMBINED

Efficiency (%)
85.9

SFPv (kW/m³/s)
1.49

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Supply Lw dB(A)	74	59	62	68	68	67	66	62	58
Extract Lw dB(A)	58	47	49	54	50	51	47	38	25
Surrounding Lw dB(A)	42	31	34	39	36	29	27	25	26
Surrounding Lp dB (A) 20m² Sabine, hemispherical 3m	35								

Data - SOUND

Air Flow (m³/h) 196	External static pressure (Pa) 100	Power (W) 40.5	Speed (r.p.m.) 2127	Current (A) 0.37	Efficiency (%) 85.9	SFPv (kW/m³/s) 1.49	Voltage (V) 3.54
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TECHNICAL DATA

HERU 95 T EC-y1 ALC 8010822

Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	1460	W
Power, fans	242	W
Power, heater	1200	W
Current	7.32	A
Current, fans	2.00	A
Current, heater	5.22	A
Speed	2940	r.p.m.
Sound pressure level at 3 m	45	dB(A)
Weight	53	kg
Enclosure class	41	IP
Insulation class, motor	F	
Duct connection	125	mm
Max. flow @ 0Pa	392.40109872308	m ³ /h
Max. pressure	692	Pa
Voltage range	220-240	V

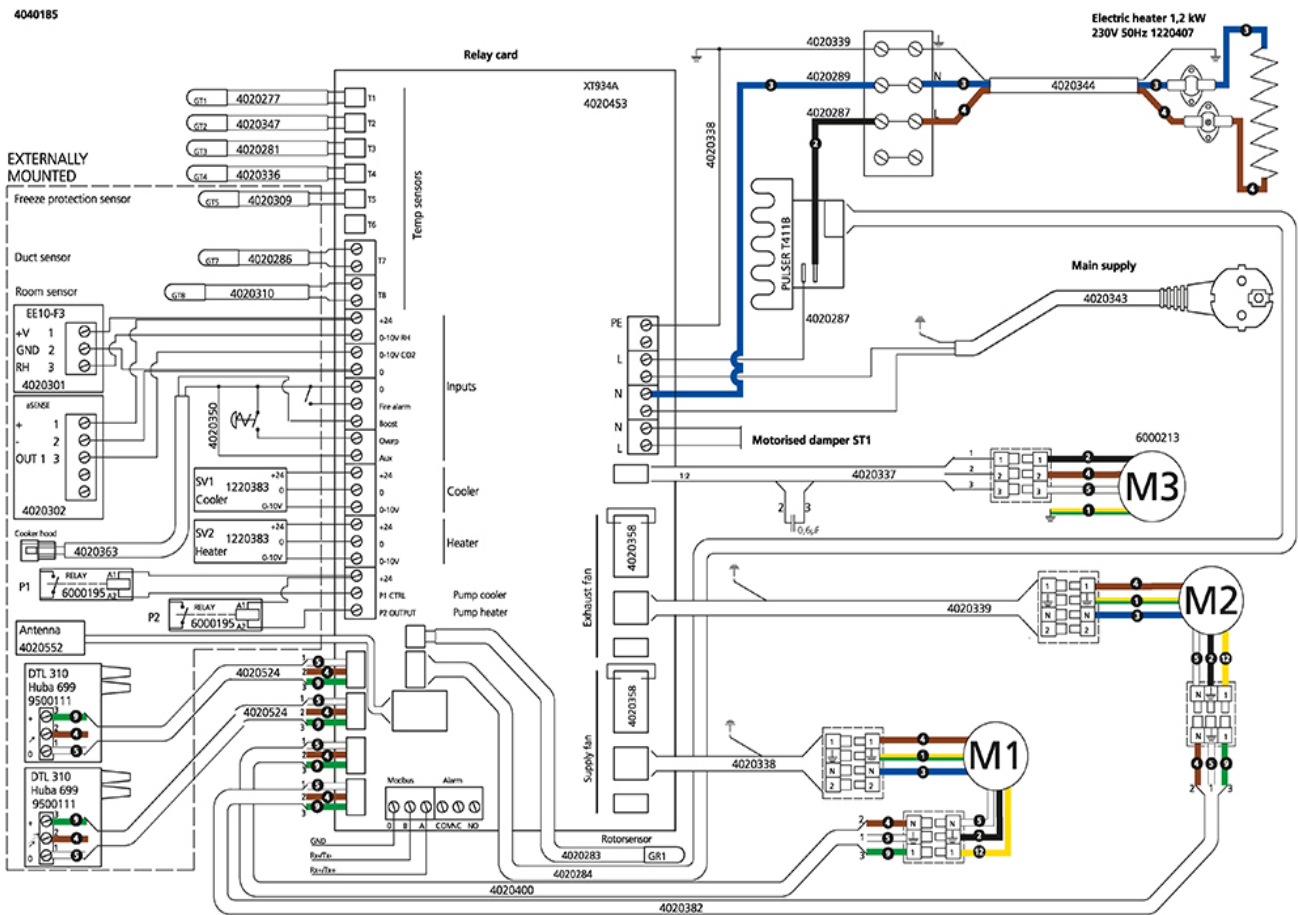
PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	HERU 95 T EC	-
(c) SEC average climate	-39.7	kWh/m ²
SEC average climate, class	A	-
SEC warm climate	-14.5	kWh/m ²
SEC warm climate, class	E	-
SEC cold climate	-83.6	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	85.2	%
(h) Max. flow rate (@100Pa)	350	m ³ /h
(i) Power at max. flow rate	242	W
(j) Sound power level	43	dB LwA
(k) Reference flow rate	0.068	m ³ /s
(l) Reference pressure difference	50	Pa
(m) SPI	0.47	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	249	kWh

Parameter	Value	Unit
(w) AHS average	4594	kWh
AHS warmer	2077	kWh
AHS colder	8987	kWh

WIRING DIAGRAM

- Ⓜ = Fan Motor
- Ⓜ1 = Fan Motor
- Ⓜ2 = Fan Motor
- Ⓜ3 = Rotor Motor
- ① = Yellow/Green
- ② = Black
- ③ = Blue
- ④ = Brown
- ⑤ = White
- ⑥ = Orange
- ⑦ = Grey
- ⑧ = Red
- ⑨ = Green
- ⑩ = Violet
- ⑪ = Quick switch
- ⑫ = Yellow



DIMENSIONS

ENGLISH

- Supply air
- Extract air
- Exhaust air
- Fresh air
- ⊗ Cooker hood

SVENSKA

- Tilluft
- Frånluft
- Avluft
- Uteluft
- ⊗ Spiskåpa

NORSKA

- Tilluft
- Avtrekk
- Avkast
- Luftinntak
- ⊗ Kjøkkenette

SUOMI

- Tuloilma
- Poistoilma
- Jäteilma
- Ulkoilma
- ⊗ Liesituuletin

DEUTSCH

- Zuluft
- Abluft
- Fortluft
- Frischluft
- ⊗ Dunstabzugshaube

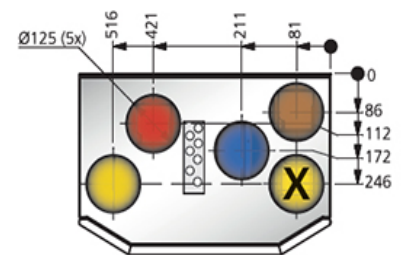
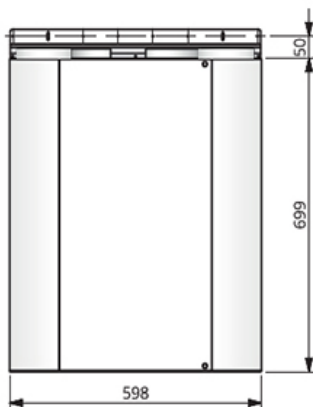
POLSKI

- Powietrze nawiew
- Powietrze wywiew
- Powietrze usuwane
- powietrze z zewnątrz
- ⊗ Okapu kuchennego

ITALIANO

- Aria di immissione
- Aria di estrazione
- Sfiato
- Aria di esterna
- ⊗ Cappa cucina

Left-hand design with cooker hood connection



ACCESSORIES

Electrical accessories



Pressure Sensor Kit



Humidity/temperature sensor



Carbon dioxide sensor CO2



Room temperature sensor



Heater Kit Water, HERU 62/70/90/95/100T, 50/90LP



Control Kit



Remote control



Remote control with Modbus



Control board



Antenna



Extension cable, antenna



Freeze protection sensor



Duct sensor



Damper motor



Relay pump control

Mechanical accessories



Silencer LDC 125



Filter Kit HERU 62/65/90/95 T



Outside wall hood 125