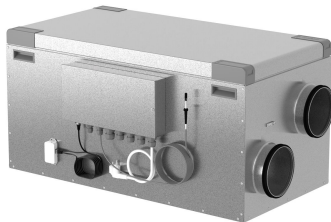


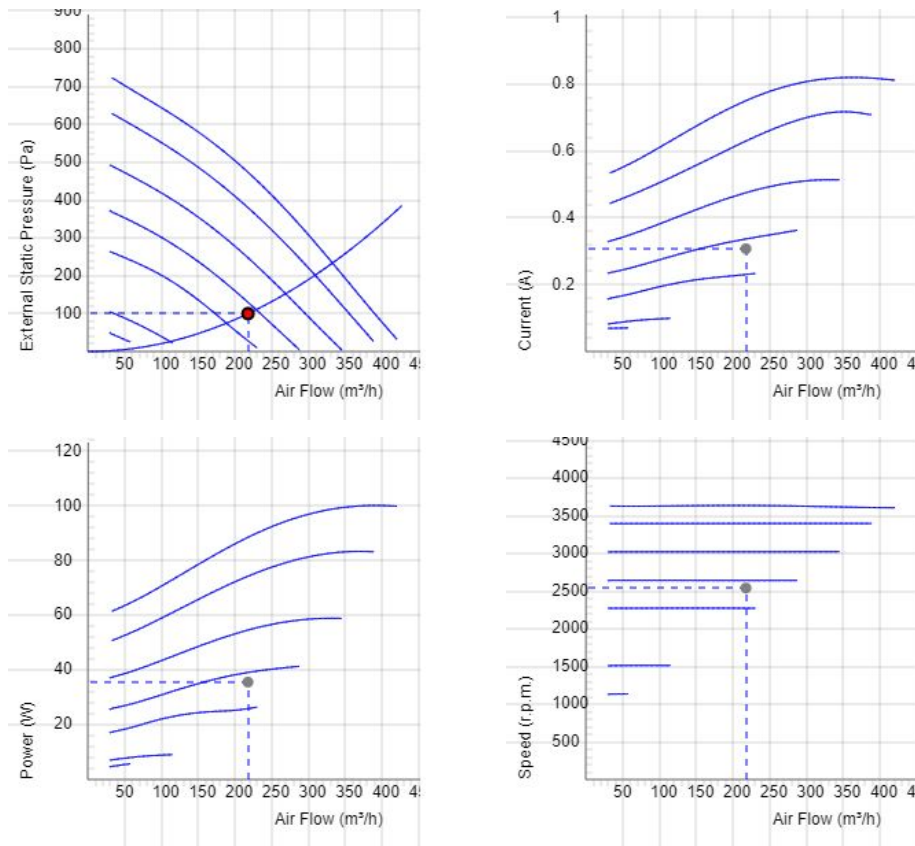
HERU 100 S EC



- 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.
- Model with side connections.
- Designed for supply and extract 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 bag filter ISO ePM1 65% 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.
- For placement in warm or cold areas.
- Comes in right-hand design as standard, but can easily be rebuilt to left-hand design.
- HERU 100S and HERU 160S are equipped with wall plug. HERU 200S and HERU 300S comes with cable for fixed installation.

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

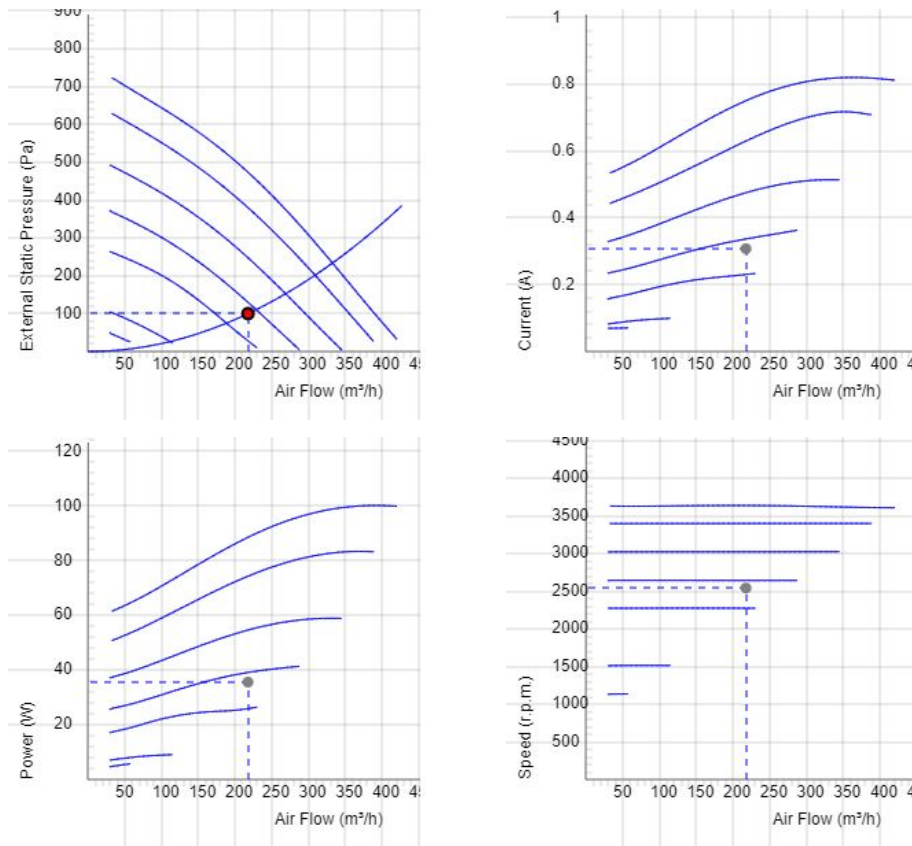
DIAGRAMS - SUPPLY



Data - SUPPLY

Air Flow (m³/h) 218	External static pressure (Pa) 100	Power (W) 35.6	Speed (r.p.m.) 2542	Current (A) 0.308	Voltage (V) 6.73
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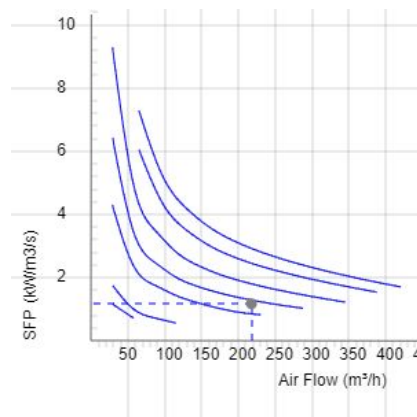
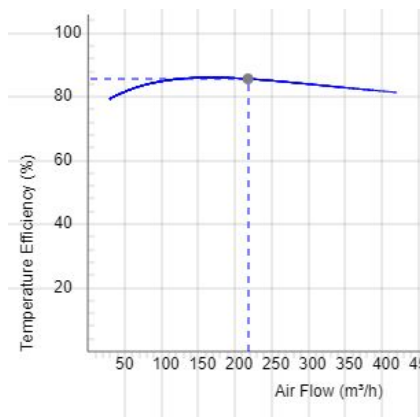
DIAGRAMS - EXTRACT



Data - EXTRACT

Air Flow (m³/h) 218	External static pressure (Pa) 100	Power (W) 35.6	Speed (r.p.m.) 2542	Current (A) 0.308	Voltage (V) 6.73
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DIAGRAMS - COMBINED

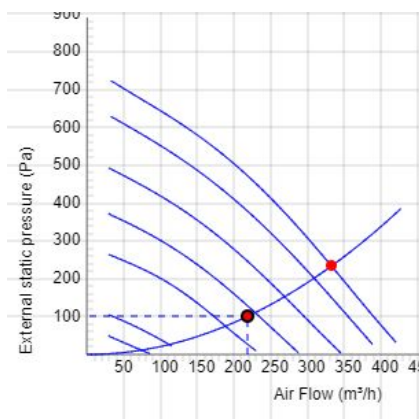


DATA COMBINED

Efficiency (%)
85.7

SFPv (kW/m³/s)
1.18

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Supply Lw dB(A)	80	59	64	69	77	72	73	68	61
Extract Lw dB(A)	68	49	57	61	66	54	48	38	23
Surrounding Lw dB(A)	48	41	40	43	41	33	30	28	29
Surrounding Lp dB (A) 20m ² Sabine, hemispherical 3m	41								

Data - SOUND

Air Flow (m ³ /h) 333	External static pressure (Pa) 234	Power (W) 35.6	Speed (r.p.m.) 2542	Current (A) 0.308	Efficiency (%) 85.7	SFPv (kW/m ³ /s) 1.18	Voltage (V) 6.73
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TECHNICAL DATA

HERU 100 S EC-y2 8010830

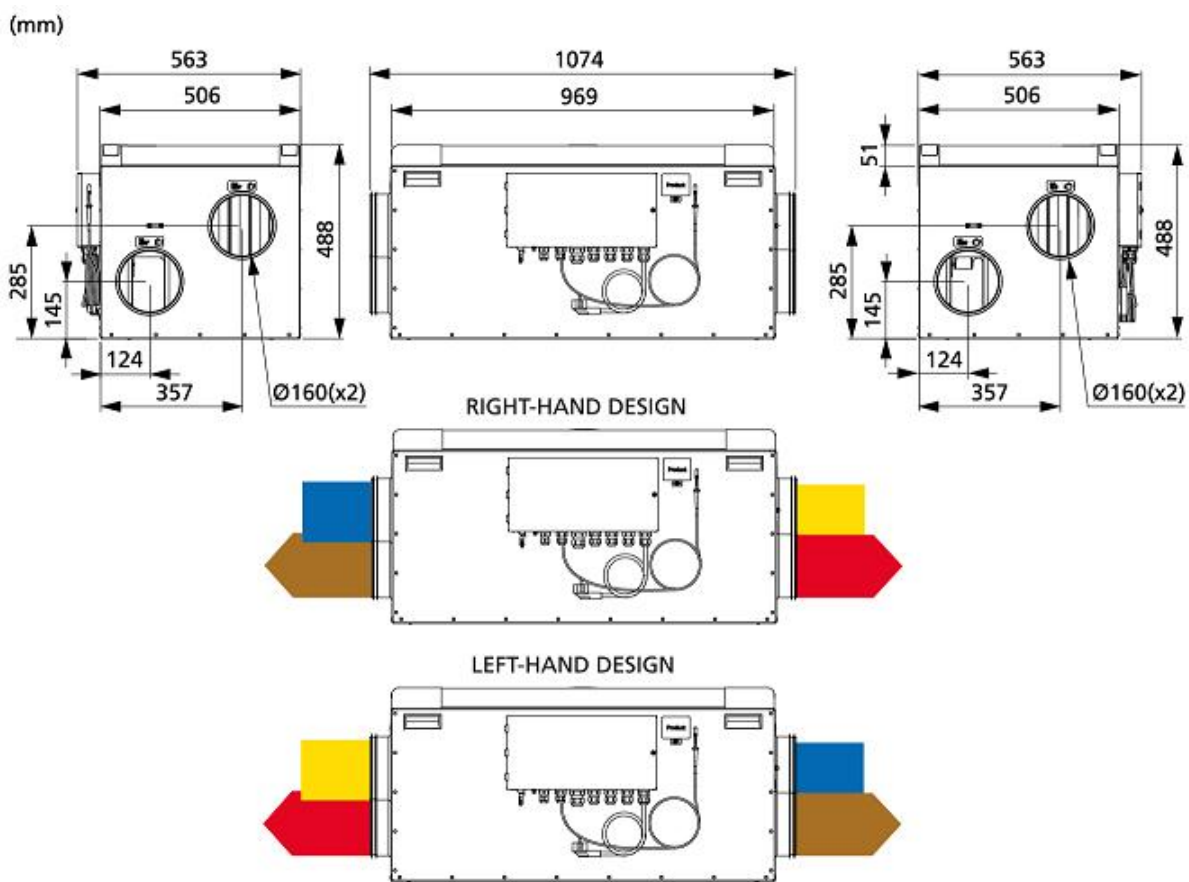
Parameter	Value	Unit
Voltage	230	V
Phase	1	~
Frequency	50	Hz
Power	1420	W
Power, fans	200	W
Power, heater	1200	W
Current	7	A
Current, fans	1.64	A
Current, heater	5.22	A
Speed	3000	r.p.m.
Sound pressure level at 3 m	40	dB(A)
Weight	59	kg
Weight (empty casing)	30.6	kg
Enclosure class	41	IP
Duct connection	160	mm
Max. flow @ 0Pa	435.60121968342	m ³ /h
Max. pressure	765	Pa
Voltage range	220-240	V

PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	HERU 100 S EC	-
(c) SEC average climate	-40.7	kWh/m ²
SEC average climate, class	A	-
SEC warm climate	-15.6	kWh/m ²
SEC warm climate, class	E	-
SEC cold climate	-84.5	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	84.4	%
(h) Max. flow rate (@100Pa)	390	m ³ /h
(i) Power at max. flow rate	200	W
(j) Sound power level	43	dB LwA
(k) Reference flow rate	0.076	m ³ /s
(l) Reference pressure difference	50	Pa
(m) SPI	0.38	W/(m ³ /h)
(n) Type of control/ctrl factor	Local demand control/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	202	kWh

Parameter	Value	Unit
(w) AHS average	4577	kWh
AHS warmer	2070	kWh
AHS colder	8955	kWh

DIMENSIONS



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

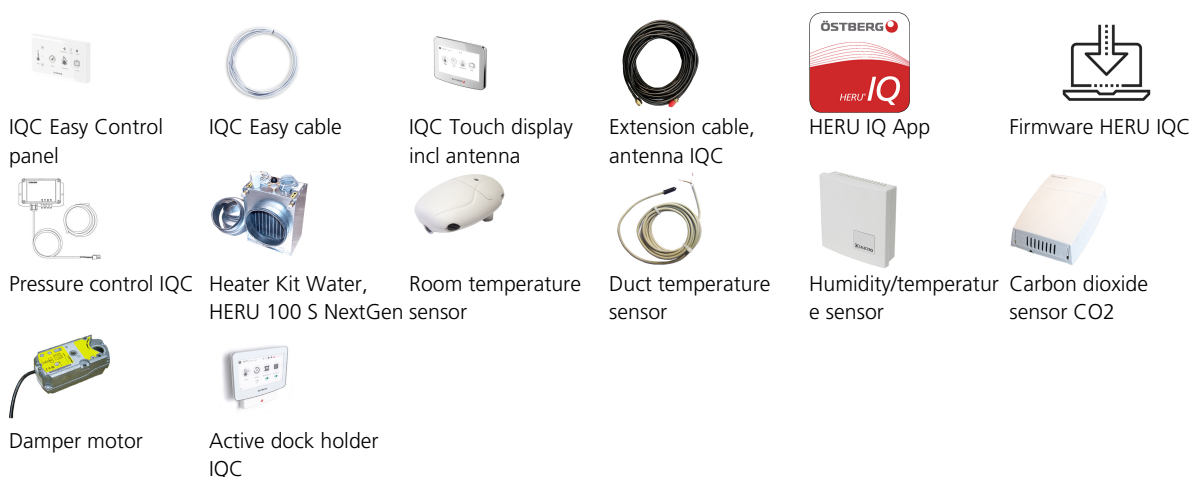
- Powietrze nawiew
- Powietrze wywiew
- Powietrze usuwane
- powietrze z zewnątrz

ITALIANO

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

ACCESSORIES

Electrical accessories



Mechanical accessories



SPARE PARTS



Fan kit 100 T/S EC NG



Service kit rotor 100 T/S EC NG



Rotor motor 100-160 V-belt 100 T/S EC NG



Rotor kit (excl motor) 100 T/S EC NG



Electric heater 100 S EC NG



Absorber rotor motor EC NG



Pulley v-belt EC NG



IQC Touch display



IQC relay board EC NG



IQC antenna EC NG



IQC charger EC NG



IQC wall mount EC NG