

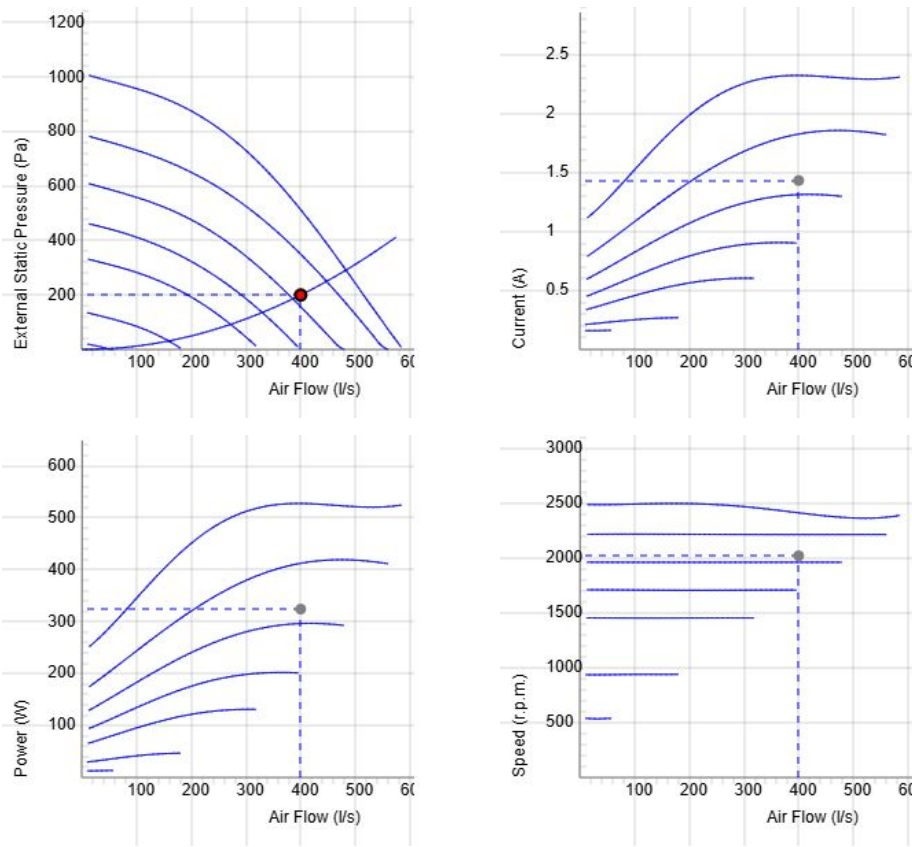
## HERU SELECT 500



- Floor model with the option to combine top and side connections.
- Designed for supply and exhaust air ventilation with energy recovery.
- Suitable for installation in larger houses, offices and other premises where high demands are placed 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.
- User-friendly IQ CONTROL with 4.3" touch display for operation and monitoring with the possibility of both wireless and wired communication.
- Integrated Modbus communication. No accessories needed.
- Easy installation wizard.
- Scheduled operation.
- Supports use of presence sensors, RH / CO2 / VOC.
- 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 be disassembled for cleaning.
- Delivered with bag filter ISO ePM1 60% as standard, for both extract and supply air. The filters are very easy to change.
- Integrated controls for heating/cooling.
- Ordered with built-in electric heater or heating coil.
- The units inner- and outer casing is made of Al-Zn and meets C4 requirements.
- 50 mm insulation.
- To be installed in a dry area.
- The stand can be mounted in two different heights, 138 or 313 mm.
- Available in either right-hand or left-hand design.
- Delivered in separate sections to simplify transport and installation.

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

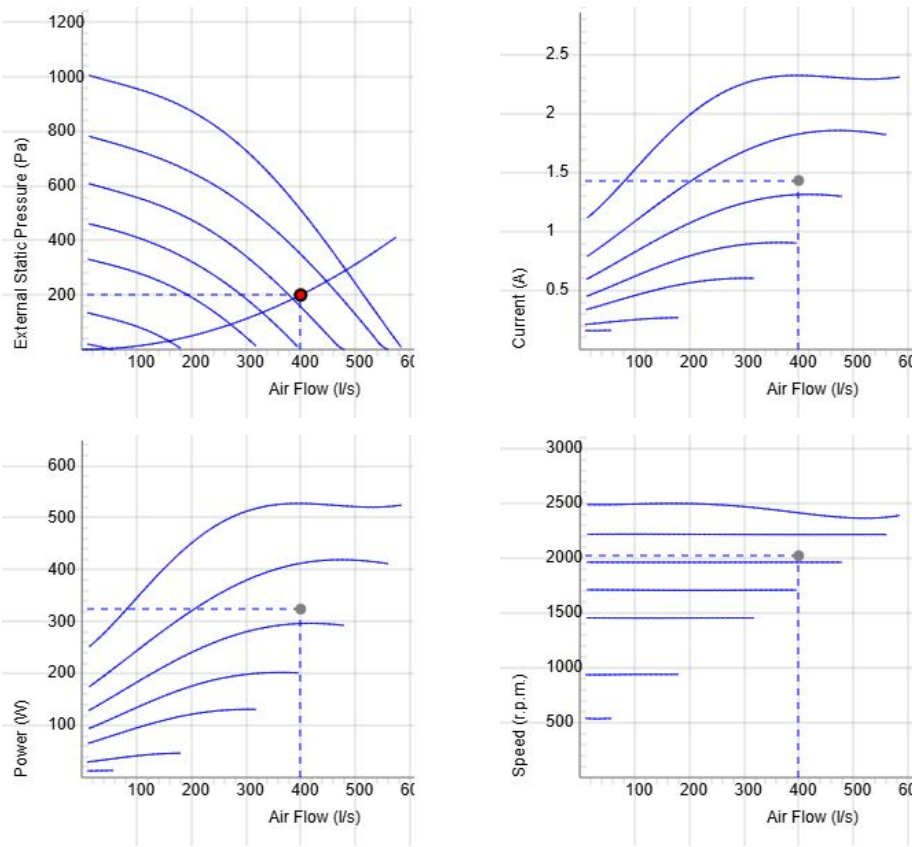
DIAGRAMS - SUPPLY



Data - SUPPLY

Air Flow (l/s) 400	External static pressure (Pa) 200	Power (W) 324	Speed (r.p.m.) 2023	Current (A) 1.43	Voltage (V) 8.23
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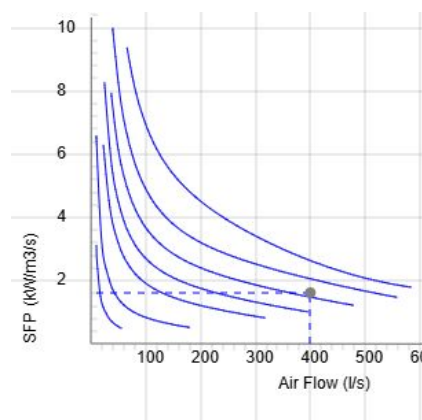
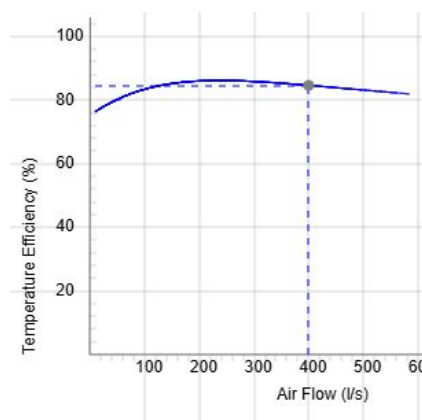
DIAGRAMS - EXTRACT



Data - EXTRACT

Air Flow (l/s) 400	External static pressure (Pa) 200	Power (W) 324	Speed (r.p.m.) 2023	Current (A) 1.43	Voltage (V) 8.23
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## DIAGRAMS - COMBINED

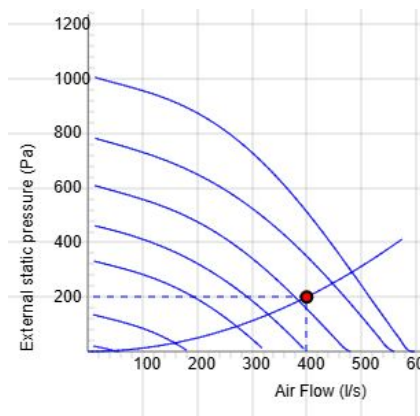


## DATA COMBINED

Efficiency (%)  
84.6

SFPv (kW/m³/s)  
1.62

## SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Supply Lw dB(A)	75	56	61	71	66	65	68	60	56
Extract Lw dB(A)	58	50	49	55	46	43	39	31	14
Surrounding Lw dB(A)	51	41	46	46	44	40	37	32	29
Surrounding Lp dB (A) 20m² Sabine, hemispherical 3m	44								

## Data - SOUND

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFPv (kW/m³/s)	Voltage (V)
400	200	324	2023	1.43	84.6	1.62	8.23

## TECHNICAL DATA

Parameter	HERU Select 500 TRET 004006002		HERU Select 500 TRWT 004008002		HERU Select 500 TRNT 004012002	
	Value	Unit	Value	Unit	Value	Unit
Voltage	400	V	230	V	230	V
Phase	3	~	1	~	1	~
Frequency	50	Hz	50	Hz	50	Hz
Power	7180	W	1176	W	1176	W
Power, fans	1049	W	1049	W	1049	W
Power, heater	6000	W	0	W	0	W
Current	13.8	A	5.17	A	5.17	A
Current, fans	4.62	A	4.62	A	4.62	A
Current, heater	8.7	A	0	A	0	A
Speed	2390	r.p.m.	2390	r.p.m.	2390	r.p.m.
Max. temperature of transported air	40	°C	40	°C	40	°C
Sound pressure level at 3 m	48	dB(A)	48	dB(A)	48	dB(A)
Weight	318	kg	317	kg	314	kg
Enclosure class	44	IP	44	IP	44	IP
Duct connection	315	mm	315	mm	315	mm
Max. flow @ 0Pa	587	l/s	587	l/s	587	l/s
Max. pressure	1016	Pa	1016	Pa	1016	Pa
Voltage range	380-415	V	220-240	V	220-240	V

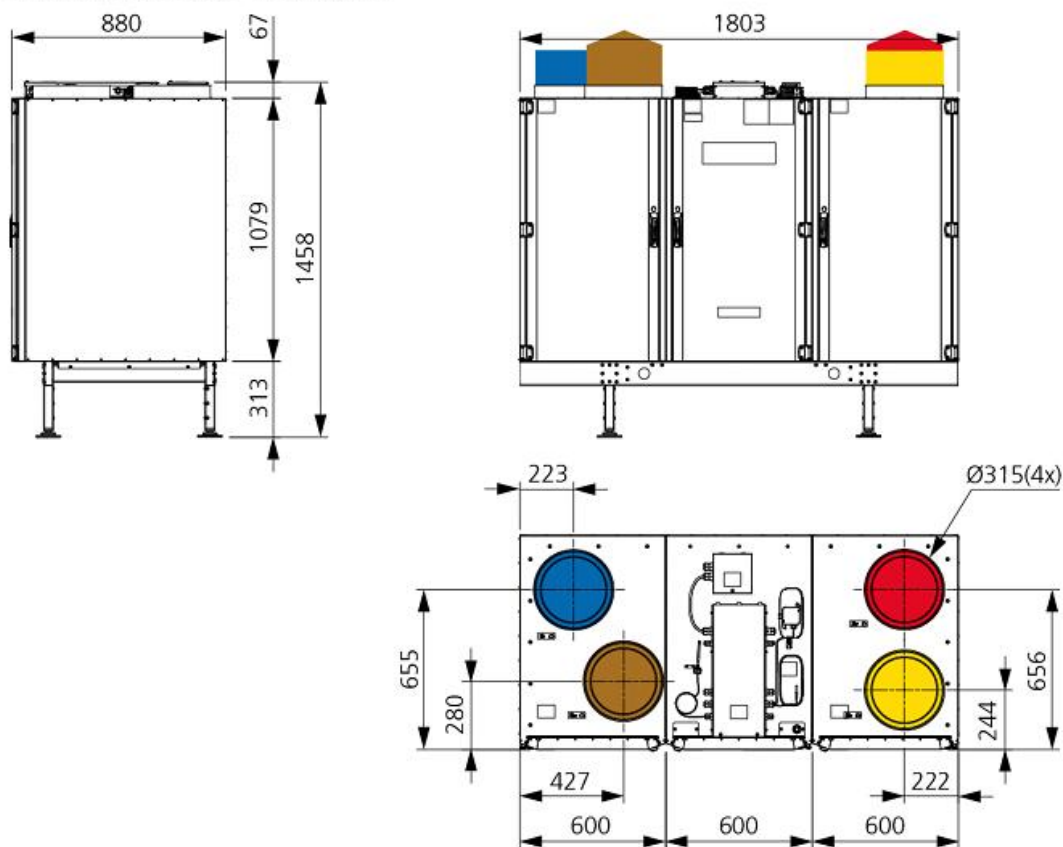
## PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	HERU Select 500	-
(c) Declared type	NRVU / BVU	-
(d) Type of drive	Variable speed drive	-
(e) Type of HRS	Other	-
(f) Thermal efficiency	85.9	%
(g) Nominal flow rate	0.290	m <sup>3</sup> /s
(h) Effective power input	1.030	kW
(i) SFP int	496	W/(m <sup>3</sup> /s)
(j) Face velocity	3.72	m/s
(k) Nominal external pressure	757	Pa
(l) Internal pressure drop	180	Pa
(n) Static efficiency	53.7	%
(o) External (and internal) leakage rate	0.36 (2.61)	%
(p) Filter classification	D	-
(q) Visual filter warning	In remote control	-
(r) Sound power level	55	dB LwA
(s) Disassembly instructions	fsp.ostberg.com	-



## DIMENSIONS

### HERU SELECT 500 T EC RIGHT



#### 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



Filter HERU Select  
500



Damper Ø 315



Novibra Mat

### Electrical accessories



IQC Touch display



Pressure control IQC



Extension cable,  
antenna IQC



Firmware HERU IQC



Room temperature  
sensor



Humidity/temperature  
sensor



Carbon dioxide  
sensor CO<sub>2</sub>



Damper motor



Cooling coil HERU ≥  
400 T/S



Actuator



## SPARE PARTS



RB 315 3R HERU 500  
EC-y1