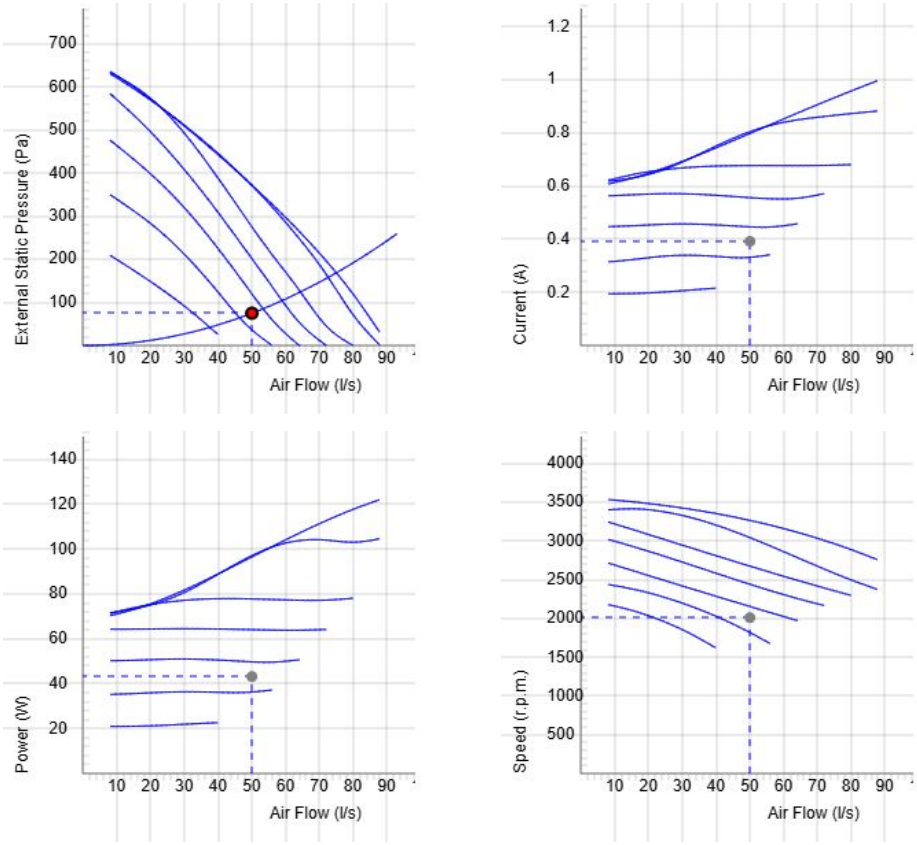
HERU 70 K EC

- 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.
- Energy recovery unit designed mainly for installation above the kitchen stove.
- The HERU Kitchen is equipped with a built-in cooker hood that will get rid of all unwanted smoke, odors and fumes from your kitchen while you are cooking.
- High efficient odor extraction from cooker hood.
- Designed for supply and exhaust air ventilation with energy recovery.
- Suitable for installation in homes and apartments 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.
- The unit has a LAN port for connection to a local network via cable or Wifi adapter.
- Easy installation wizard.
- Scheduled operation.
- Supports use of presence sensors.
- Airflow is generated by two silent radial fans with EC motors and impellers with forward curved blades.
- 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.
- Comes with incinerable panel filters ISO ePM1 50% as standard, for both exhaust and supply air. The filter is very easy to change.
- The cooker hood comes equipped with a dishwasher safe grease filter.
- Integrated controls for heating/cooling.
- Equipped with integrated electric heater.
- The unit is constructed of double-layer galvanized steel sheet with insulation in between.
- For placement in warm areas.
- All HERU Kitchen units are equipped with a wall plug.

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

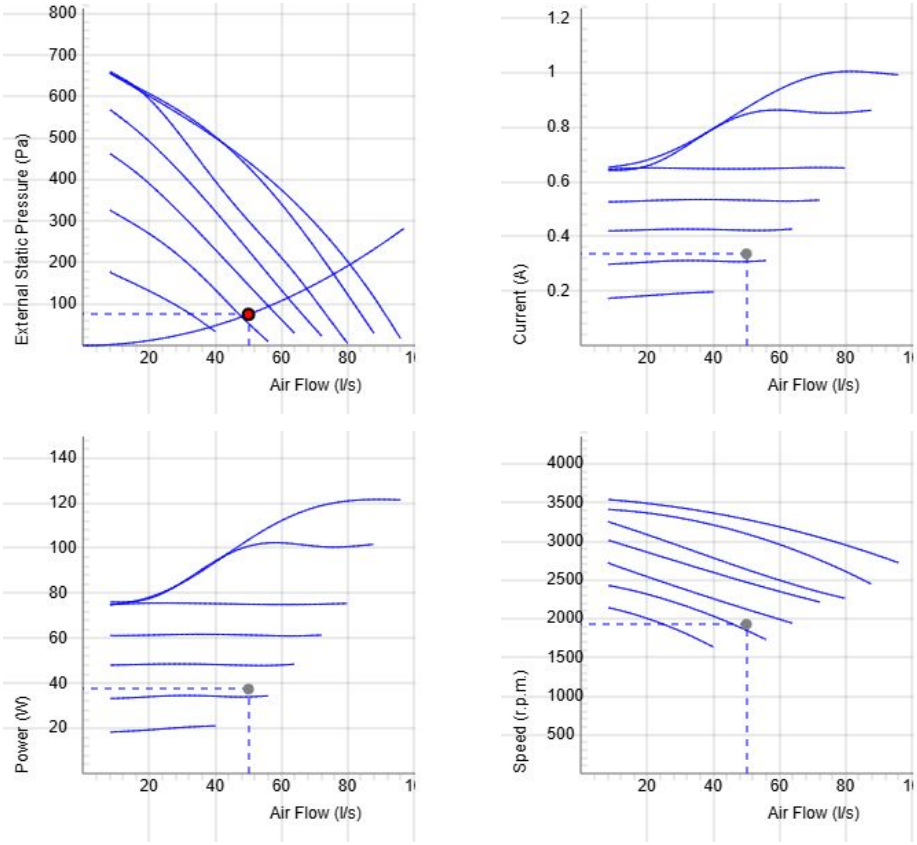
DIAGRAMS - SUPPLY



Data - SUPPLY

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Voltage (V)
50	75	43.2	2013	0.392	3.53

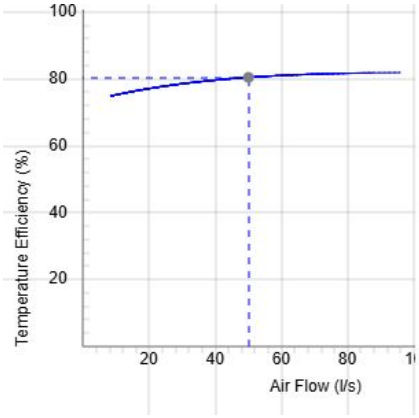
DIAGRAMS - EXTRACT

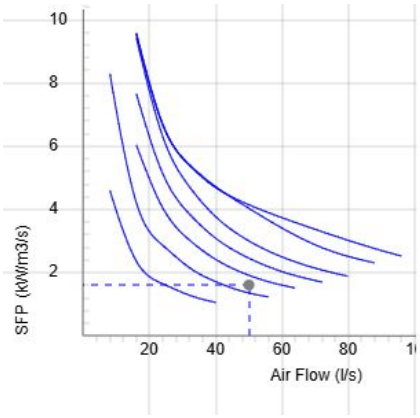


Data - EXTRACT

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Voltage (V)
50	75	37.4	1928	0.336	3.25

DIAGRAMS - COMBINED

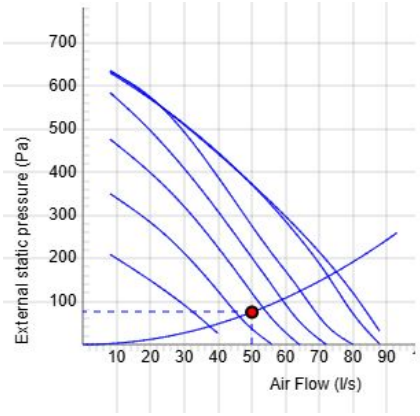




DATA COMBINED

Efficiency (%) 80.5
SFPv (kW/m3/s) 1.61

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Supply Lw dB(A)	70	54	56	62	64	63	63	59	53
Extract Lw dB(A)	55	50	49	51	47	42	36	23	18
Surrounding Lw dB(A)	44	30	36	38	39	33	28	26	27
Surrounding Lp dB (A) 20m² Sabine, hemispherical 3m	37								

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)
50	75	43.2	2013	0.392	80.5	1.61	3.53

TECHNICAL DATA

	HERU 70 K EC-y1 R 8010805		HERU 70 K EC-y1 L 8010806	
Parameter	**Value**	**Unit**	**Value**	**Unit**
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	1010	W	1010	W
Power, fans	242	W	242	W
Power, heater	750	W	750	W
Current	5.4	A	5.4	A
Current, fans	2.02	A	2.02	A
Current, heater	3.26	A	3.26	A
Speed	3050	r.p.m.	3050	r.p.m.
Sound pressure level at 3 m	41	dB(A)	41	dB(A)
Weight	48.0	kg	48.0	kg
Enclosure class	41	IP	41	IP
Duct connection	125	mm	125	mm
Max. flow @ 0Pa	97	l/s	97	l/s
Max. pressure	692	Pa	692	Pa
Voltage range	220-240	V	220-240	V

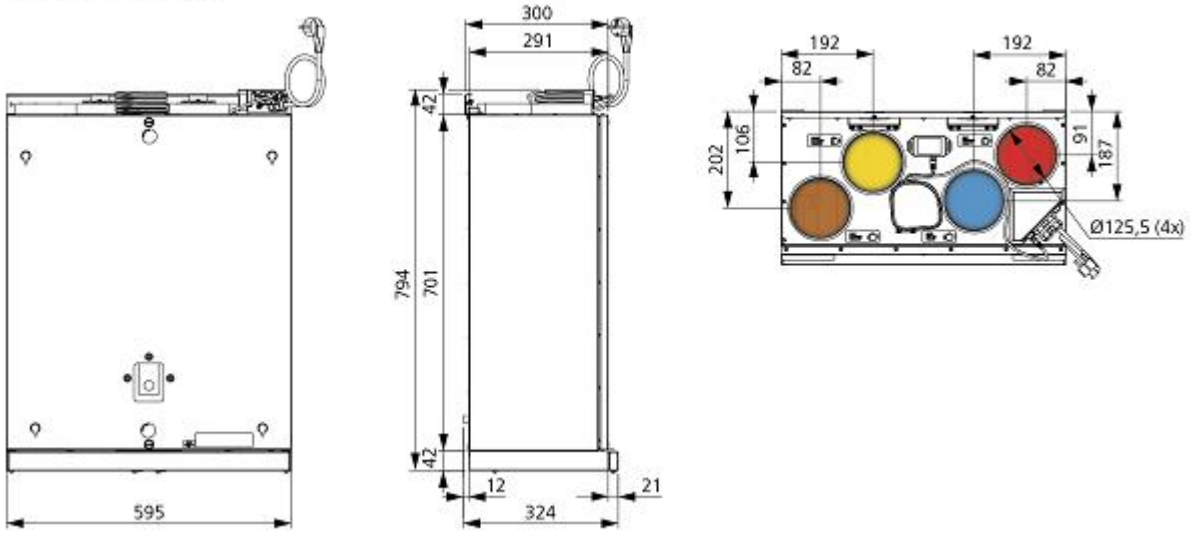
PRODUCT INFORMATION SHEET

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	HERU 70 K EC	-
(c) SEC average climate	-37.9	kWh/m^2
SEC average climate, class	A	-
SEC warm climate	-13.3	kWh/m^2
SEC warm climate, class	E	-
SEC cold climate	-80.8	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	80.1	%
(h) Max. flow rate (@100Pa)	322	m^3/h
(i) Power at max. flow rate	243	W
(j) Sound power level	44	dB LwA
(k) Reference flow rate	0.057	m^3/s
(l) Reference pressure difference	50	Pa
(m) SPI	0.53	W/(m^3/h)
(n) Type of control/ctrl factor	Local demand control	-
(o) External (and internal) leakage rate	2.5 (5.7)	%
(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	280	kWh
(w) AHS average	4488	kWh

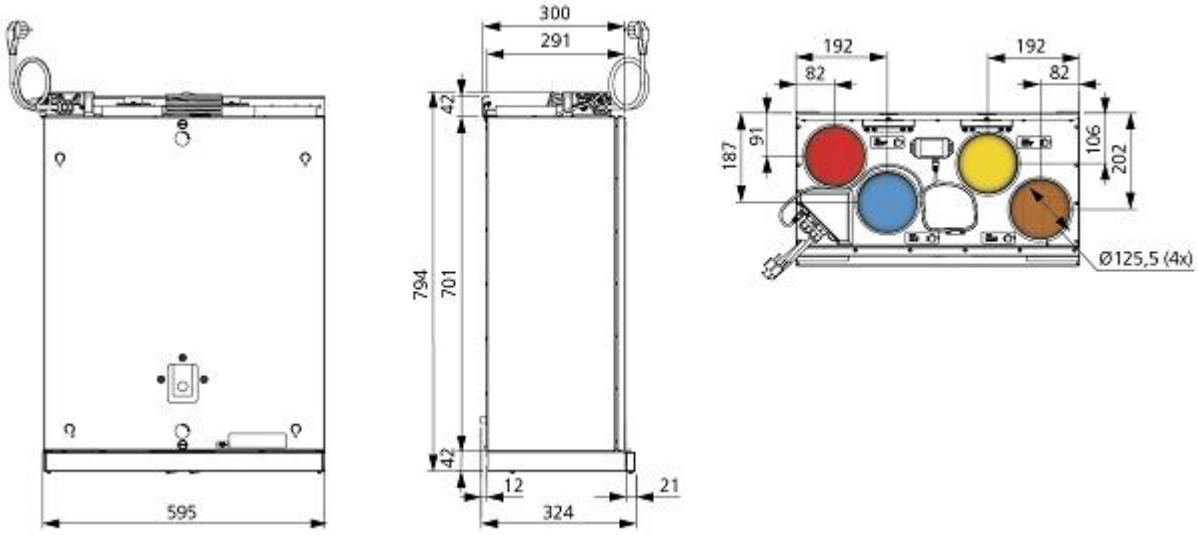
Parameter	Value	Unit
AHS warmer	2030	kWh
AHS colder	8781	kWh

DIMENSIONS

RIGHT-HAND DESIGN



LEFT-HAND DESIGN



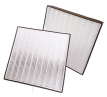
ENGLISH	SVENSKA	NORSKA	SUOMI	DEUTSCH	POLSKI	ITALIANO
Supply air	Tilluft	Tilluft	Tuloilma	Zuluft	Powietrze nawiew	Aria di immissione
Extract air	Frånluft	Avtrekk	Poistoilma	Abluft	Powietrze wywiew	Aria di estrazione
Exhaust air	Avluft	Avkast	Jäteilma	Fortluft	Powietrze usuwane	Sfiato
Fresh air	Uteluft	Luftinntak	Ulkoilma	Frischluft	powietrze z zewnątrz	Aria di esterna

ACCESSORIES

Mechanical accessories

Front cover HERU 70 K

Cover strip HERU K



Filter Kit HERU 70 C/K/T

Connection box 70 K

Outside wall hood 125

Silencer LDC 125

Electrical accessories

IQC Easy Control panel

IQC Easy cable

IQC Touch display incl antenna

Firmware HERU IQC

Extension cable, antenna IQC

HERU IQ App

Room temperature sensor

Duct temperature sensor

Humidity/temperature sensor

Carbon dioxide sensor CO2

Damper motor

Active dock holder IQC

SPARE PARTS

IQC Touch display