

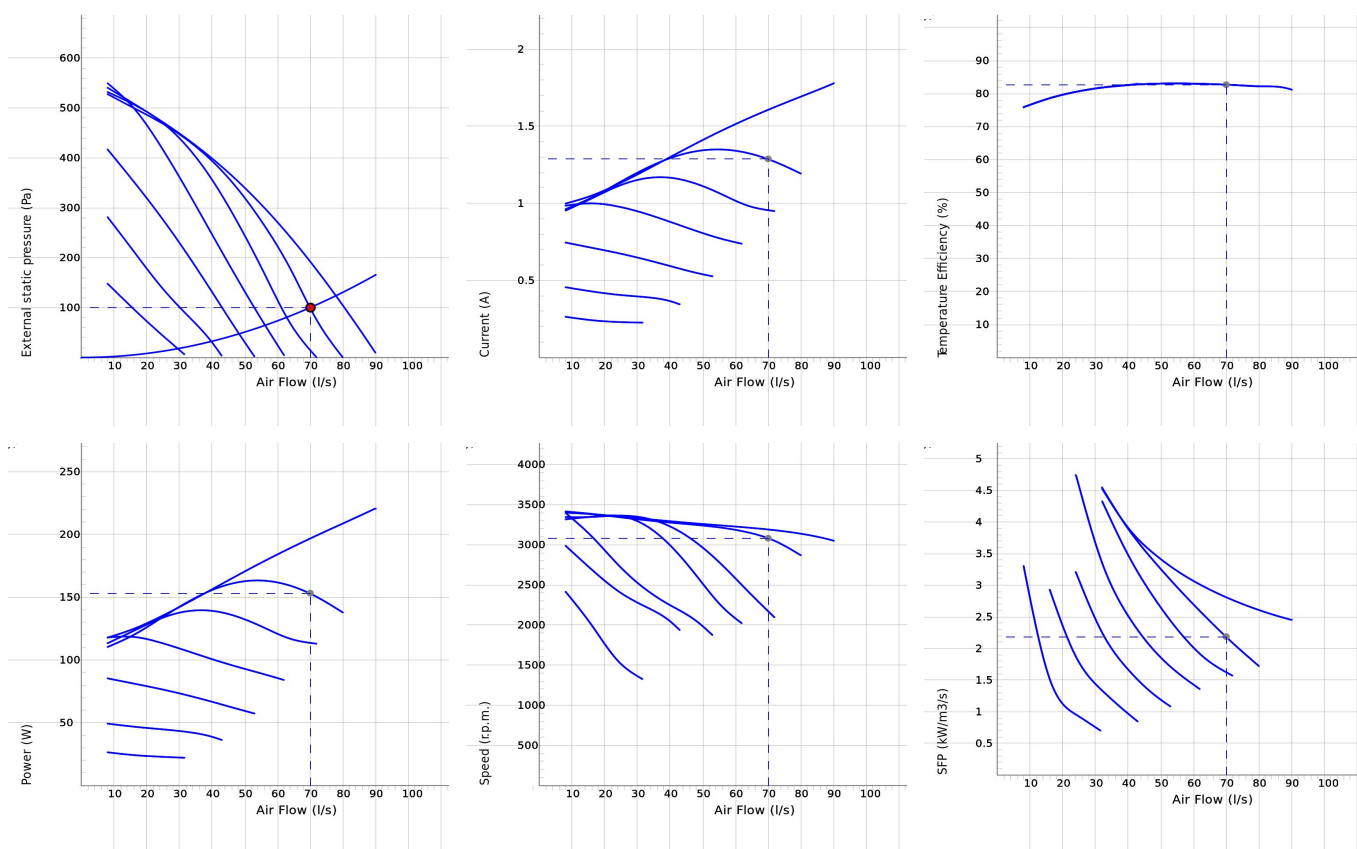
HERU 70 K EC



- 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 other premises where there are stringent requirements on the indoor environment.
- High temperature efficiency 82%, 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 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 from 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.

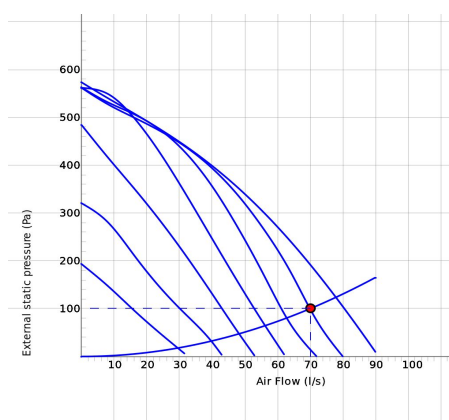
DIAGRAMS



Work Point

Air Flow (l/s)	External static pressure (Pa)	Power (W)	Speed (r.p.m.)	Current (A)	Efficiency (%)	SFP (kW/m ³ /s)	Voltage (V)
70	100	153	3081	1.29	82.7	2.19	6.03

SOUND DATA



	Tot	63	125	250	500	1k	2k	4k	8k
Supply Lw dB(A)	74	58	62	66	68	67	67	64	60
Extract Lw dB(A)	66	57	61	62	58	52	49	40	31
Surrounding Lw dB(A)	50	34	43	46	41	37	40	38	32
Surrounding Lp dB (A) 3m	43								

Work Point

Air Flow (l/s) 70	External static pressure (Pa) 100	Power (W) 153	Speed (r.p.m.) 3081	Current (A) 1.29	Efficiency (%) 82.7	SFP (kW/m3/s) 2.19	Voltage (V) 6.03
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TECHNICAL DATA

Parameter	HERU 70 K EC ARW 8010748		HERU 70 K EC ALW 8010749	
	Value	Unit	Value	Unit
Voltage	230	V	230	V
Phase	1	~	1	~
Frequency	50	Hz	50	Hz
Power	1000	W	1000	W
Power, fans	227	W	227	W
Power, heater	750	W	750	W
Current	5.2	A	5.2	A
Current, fans	1.81	A	1.81	A
Current, heater	3.26	A	3.26	A
Speed	2980	r.p.m.	2980	r.p.m.
Sound pressure level at 3 m	45	dB(A)	45	dB(A)
Weight	48	kg	48	kg
Enclosure class	41	IP	41	IP
Duct connection	125	mm	125	mm
Max. flow	91	l/s	91	l/s
Max. pressure	573	Pa	573	Pa
Voltage range	220-240	V	220-240	V

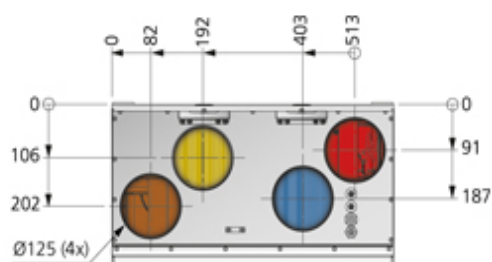
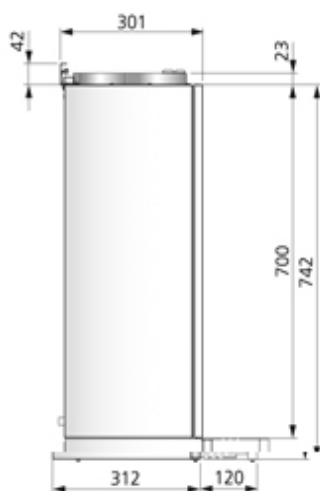
ECODESIGN

Parameter	Value	Unit
(a) Manufacturer	Östberg	-
(b) Model code	HERU 70 K EC	-
(c) SEC value	-37.3	kWh/m ²
SEC class	A	-
(d) Declared type	RVU / BVU	-
(e) Type of drive	Variable speed drive	-
(f) Type of heat recovery	Regenerative	-
(g) Thermal efficiency	82%	%
(h) Max. flow rate (@100Pa)	290	m ³ /h
(i) Power at max. flow rate	209	W
(j) Sound power level	47	dB LwA
(k) Reference flow rate	0.065	m ³ /s
(l) Reference pressure difference	50	Pa
(m) SPI	0.60	W/(m ³ /h)
(n) Type of control/ctrl factor	Local demand control/0.65	-
(o) External (and internal) leakage rate	N/A (3)	%
(p) Mixing rate	N/A	-
(q) Visual filter warning	N/A	-
(r) Instruction supply/exhaust grilles	See manual	-
(s) Disassembly instructions	www.ostberg.com	-
(t) Airflow sensitivity	N/A	-
(u) Air tightness	N/A	m/s
(v) AEC	320	kWh
(w) AHS average	4562	kWh
AHS warmer	2063	kWh
AHS colder	8924	kWh

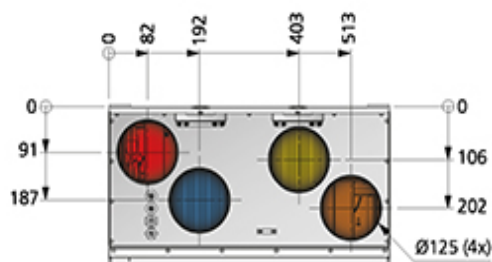
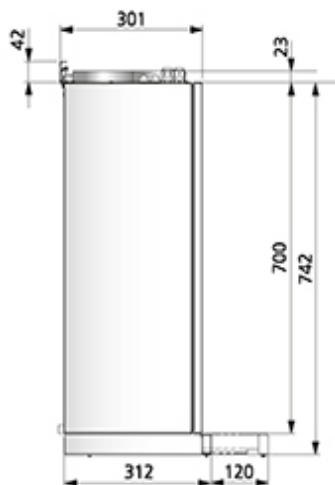
- Ⓜ = Fan Motor
- Ⓜ1 = Fan Motor
- Ⓜ2 = Fan Motor
- Ⓜ3 = Rotor Motor
- ① = Yellow/Green
- ② = Black
- ③ = Blue
- ④ = Brown
- ⑤ = White
- ⑥ = Orange
- ⑦ = Grey
- ⑧ = Red
- ⑨ = Green
- ⑩ = Violet
- ⑪ = Quick switch
- ⑫ = Yellow

DIMENSIONS

RIGHT-HAND DESIGN



LEFT-HAND DESIGN



ENGLISH

- Supply air
- Extract air
- Exhaust air
- Fresh air

SVENSKA

- Tilluft
- Frånluft
- Avluft
- Uteluft

DEUTSCH

- Zuluft
- Abluft
- Fortluft
- Frischluft

SUOMI

- Tuloilma
- Poistoilma
- Jäteilma
- Ulkoilma

ITALIANO

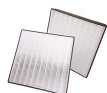
- Aria di immissione
- Aria di estrazione
- Sfiato
- Aria esterna

POLSKI

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

ACCESSORIES

Mechanical accessories



Filter Kit HERU 70
C/K/T



Front cover HERU 70
K



Cover strip HERU K



Silencer LDC 125



Outside wall hood
160

Electrical accessories



Remote control with
Modbus



Extension cable,
antenna



Humidity/temperature
sensor



Carbon dioxide
sensor CO2



Room sensor



Pressure Sensor Kit



Damper motor