

HEAT RECOVERY UNIT

MU-RECO HE Series

FEATURES


- Heat recovery unit according to Erp 2018.
- High efficiency cross flow exchanger certified by Eurovent.
- Air flow rates between 600 and 4 000 m³/h.
- Structure formed by closed aluminium profiles.
- Enclosure made of galvanized sheet steel with 10 mm thick Basotect thermo-acoustic insulation and aluminium top layer.
- Configurable inlet and outlet ports allowing multiple combinations.
- Openings with watertight seal.
- Horizontal configuration.
- All equipment is supplied with handles for hanging.
- Stainless steel condensate collecting tray.
- Plug-fan ventilators with impellers backwards.
- The model 4000 incorporates electronic brushless motor with EC technology, in the rest of the models is AC motor with 3 speeds.



- By-pass of the heat exchanger with all or nothing servomotor of 3-point mounted.
- Filter holders prepared to house one filter in the air intake and two filters in the supply air.
- Do not include dirty filter pressure switches or filters, they must be added as an accessory.

ACCESSORIES

- Pressure switch for dirty filter alarm.
- Filters from G4 to F9

MU-RECO HE Series	Accessories					Pressure switch
	Filter G4	Filter M5	Filter F7	Filter F9		
600	LC 41 750	LC 41 756	LC 41 768	LC 41 780		
1000	LC 41 751	LC 41 757	LC 41 769	LC 41 781		
1400	LC 41 753	LC 41 758	LC 41 771	LC 41 782		
2400	LC 41 754	LC 41 759	LC 41 772	LC 41 783		
4000	LC 41 755	LC 41 760	LC 41 773	LC 41 784		
						KF 30 101

SPECIFICATIONS

Model	Code	Flow rate (m ³ /h)		Motor Power (kW)	Max. current consump. (A) 230V 50Hz	Performance ⁽¹⁾ (%)	Recovered Power ⁽¹⁾ (kW)	Sound level ⁽²⁾ (dB)	
		Rated	Maximum (filter F7)					Suction	Discharge
MU-RECO HE 600	CL 41 790	440	590	2x 0.166	2x 0.7	87.2	3.62	47	56
MU-RECO HE 1000	CL 41 791	820	960	2x 0.282	2x 1.2	86.2	5.2	40	51
MU-RECO HE 1400	CL 41 793	1095	1270	2x 0.286	2x 1.3	86.2	7.1	42	53
MU-RECO HE 2400	CL 41 794	1895	2300	2x 0.749	2x 3.3	86.8	12.3	41	52
MU-RECO HE 4000	CL 41 795	3500	3820	2x 1.247	2x 5.2	85.1	22.1	55	65

Notes:

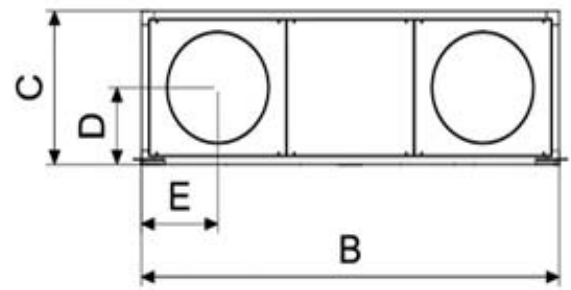
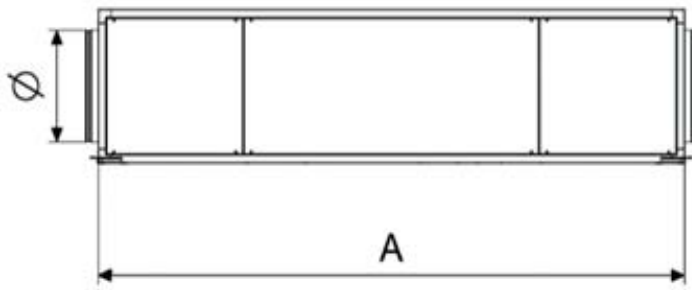
⁽¹⁾ Performance and recovered power for the following conditions: Nominal air flow rate and indoor/outdoor temperature 20/-5 °C.

⁽²⁾ Sound pressure at 4 m in open field. Depending on the characteristics of the installation and location of the equipment, these values may differ from those obtained by on-site measurement.

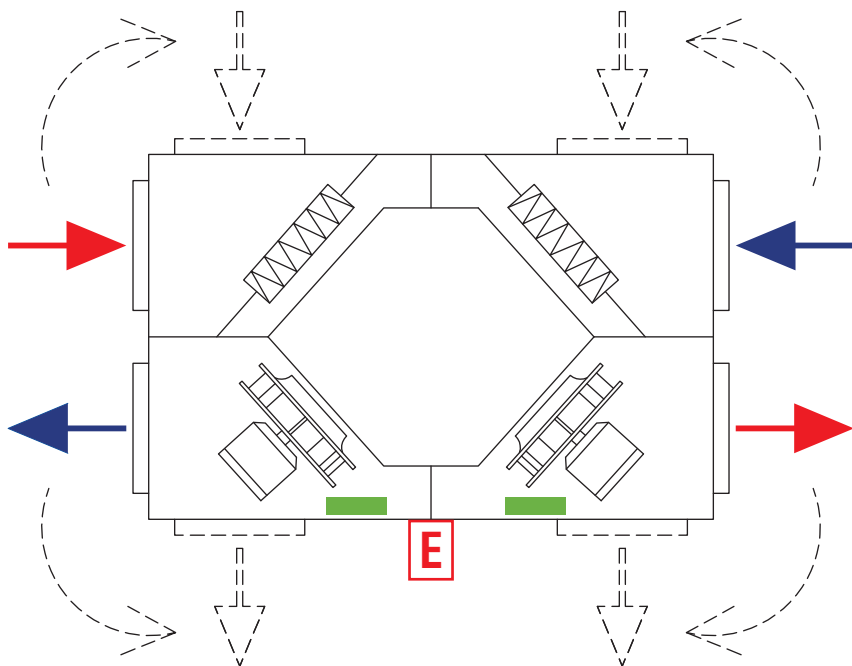
HEAT RECOVERY UNIT HE

DIMENSIONS

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Ø (mm)	Weight (kg)
MU-RECO HE 600	1520	760	375	188	167	200	72
MU-RECO HE 1000	1750	910	425	212	198	250	113
MU-RECO HE 1400	1950	1240	450	225	245	315	170
MU-RECO HE 2400	2300	1640	550	275	300	400	290
MU-RECO HE 4000	2300	1640	650	275	300	400	405



SCHEMA



- Fresh and new air
- Extracted air (stale air)
- Condensates outlet
- Terminal box

HEAT RECOVERY UNIT HE

CHARACTERISTIC CURVES

