

HEAT RECOVERY UNIT

Rev.02
27-05-2015



GMC HRU-093 PRODUCT SPECIFICATIONS:

- A pressure range of 100 to 400 Pa.
- Specialized formed, insulated, housing painted by an electrostatic powder coated finish on galvanized sheet.
- Three speed levels, self-control motor, double suction type centrifugal fans.
- With an aluminum plate recuperator having a 55% efficiency, energy consumption.
- Washable G2 fresh air and exhaust filter, electrical control panel containing power and control equipment.
- Optional duct type electric or water heating cell.
- Standard, three speed levels commutator switch and an optional digital, multifunctional electronic panel connectable to the BMS (Building management system).
- Optional air quality - CO2 sensor, air supply sensor.
- 230V 50 Hz. - 400V - 50 Hz. Power feeding options of the electric heater.
- Ceiling or wall-mounted, versatile use capability, easy maintenance and mounting.



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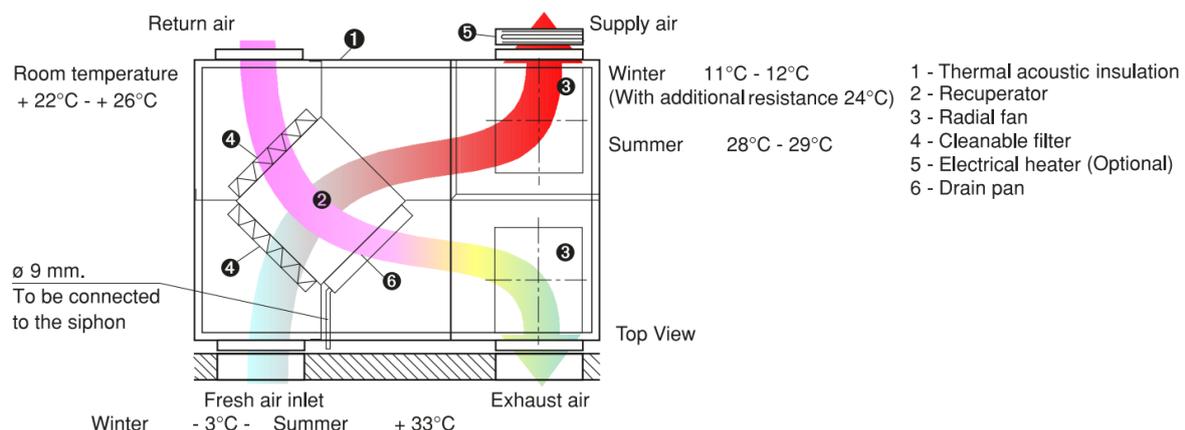
TECHNICAL DETAILS & SELECTION TABLE

MODEL	HRU-193	HRU-293	HRU-393	HRU-493	HRU-593	HRU-693	HRU-793	HRU-893
Capacity (m ³ /h)	500	750	1000	1500	2000	3000	4000	5000
Motor Power (Watt) 230V 50Hz	2 x 150	2 x 150	2 x 150	2 x 375	2 x 375	2 x 450	2 x 550	4 x 550
Fan Type 3 Speed	701	701	701	971	971	991	1001	1002
Current Consumption (Ampere) 230V 50Hz	1.95	2,0	2,5	5.0	6.0	7.0	8,0	16,0
External Pressure (Pa)	200	150	100	200	160	200	200	200
Sound Level (dB(A))	48	48	48	53	53	55	55	57
Dimensions (mm)	L	850	850	1000	1200	1200	1600	1600
	W	760	760	860	965	965	1165	1500
	H	360	360	400	420	420	500	500
	a/b	230 / 200	230 / 200	280 / 280	330 / 330	330 / 330	400 / 400	400 / 400
	x/y	100 / 30	100 / 30	100 / 30	70 / 30	70 / 30	120 / 30	120 / 30
Weight (Kg)	53	53	61	85	85	155	165	190
* Electrical Heating Coil (kW)	2	2	3	5	6	10	12	18

* The electric control panel for electrical heating should be compatible with the TSE EN 60204-1 standard.

** The discharge flange dimensions for HRU-893 should be 400 x 810 mm.

WORKING PRINCIPLE SCHEMATIC



The capacity and the dimensions in this product catalogue are subject to change without prior notice.



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ORDER PARAMETERS

HRU-093		-
<p>HRU-193: Categorized features</p> <p>HRU-293: Categorized features</p> <p>HRU-393: Categorized features</p> <p>HRU-493: Categorized features</p> <p>HRU-593: Categorized features</p> <p>HRU-693: Categorized features</p> <p>HRU-793: Categorized features</p> <p>HRU-893: Categorized features</p>		<p>Standard Application</p>

