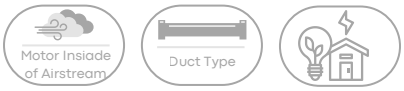


VHRU

Heat Recovery Unit

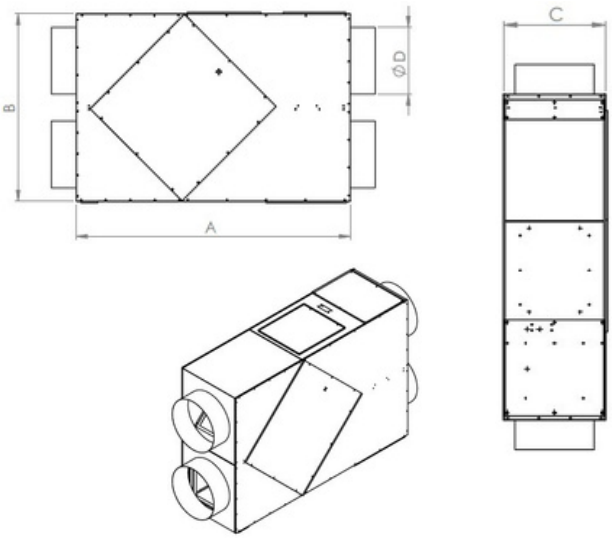
MOTOR INSULATION CLASS	F CLASS
MOTOR PROTECTION CLASS	IP 44
MOTOR EFFICIENCY CLASS	-
MOTOR ENCLOSURE TYPE	EXTERNAL ROTOR MOTOR
MOTOR BRAND	VOLTVENT
BODY MATERIAL	GALVANIZED SHEET METAL
BODY COATING	NONE
IMPELLER MATERIAL	ALUMINIUM
DUTY CYCLE	IEC Duty Cycle-S1
WORKING TEMPERATURE	-20 - +50 °C
STANDARDS	IEC-60335-2-80, ISO 1940-1

A Heat Recovery Unit (HRU), also known as a Heat Recovery Ventilator (HRV) or Energy Recovery Ventilator (ERV), is an energy-efficient ventilation system used in residential, commercial, and industrial buildings. The primary function of an HRU is to provide controlled ventilation while minimizing the energy loss associated with traditional ventilation methods.

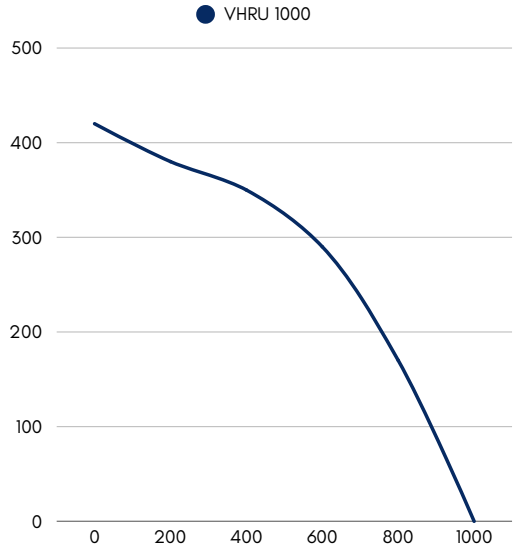
The choice between HRV and ERV depends on the local climate and the specific needs of the building. Heat Recovery Units are an integral part of modern energy-efficient building designs and play a critical role in providing healthy, comfortable, and sustainable indoor environments.

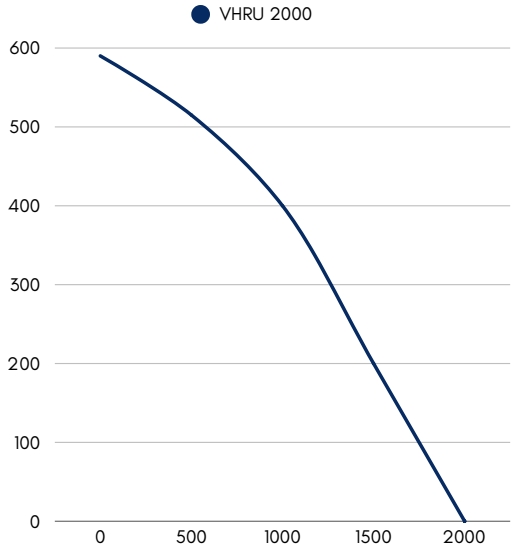
Model	Voltage (V)	Frequency (Hz)	Power (W)	Speed (r.p.m)	Airflow (m^3/h)	Sound Pressure dB(A)	Weight (kg)	Electrical Heater
VHRU 1000	230	50	250	2668	1000	50	65	3,00 kw
VHRU 2000	230	50	400	2396	2000	48	85	6,00 kw
VHRU 3000	230	50	780	1465	3000	49	126	9,00 kw
VHRU 4000	230	50	1300	1410	4000	51	140	12,00 kw
VHRU 6000	230	50	1700	1380	6000	58	150	15,00 kw

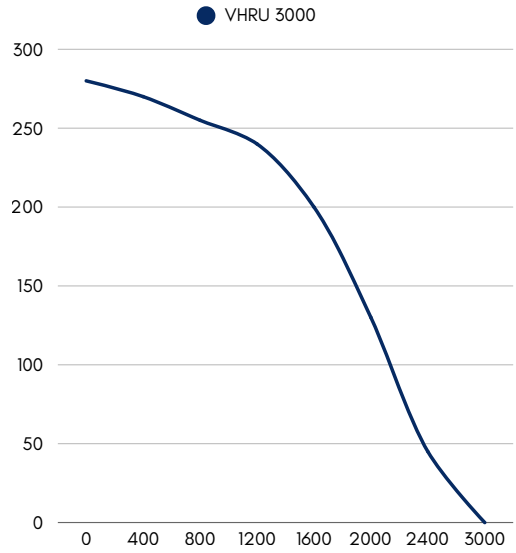
DRAWING

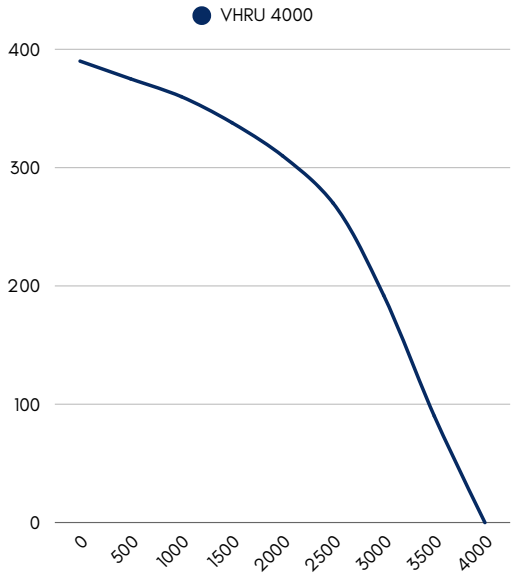


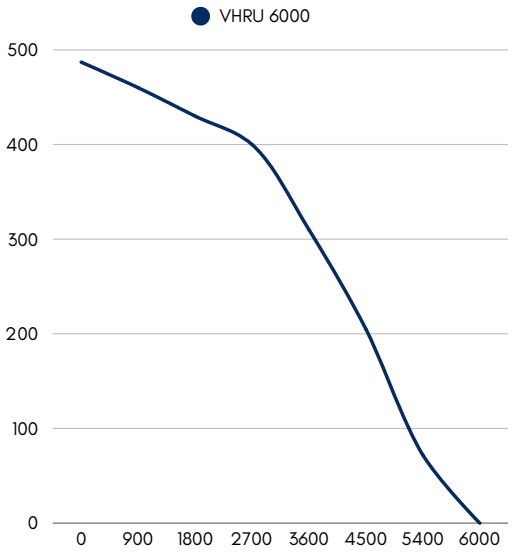
Model	A	B	C	D
VHRU 1000	967	760	320	250
VHRU 2000	1150	980	405	305
VHRU 3000	1540	1130	505	355
VHRU 4000	1650	1130	520	400
VHRU 6000	1850	1230	550	450


VHRU 1000
500
400
300
200
100
0
0
200
400
600
800
1000


VHRU 2000
600
500
400
300
200
100
0
0
500
1000
1500
2000


VHRU 3000
300
250
200
150
100
50
0
0
400
800
1200
1600
2000
2400
3000


VHRU 4000
400
300
200
100
0
0
500
1000
1500
2000
2500
3000
3500
4000


VHRU 6000
500
400
300
200
100
0
0
900
1800
2700
3600
4500
5400
6000