



Features

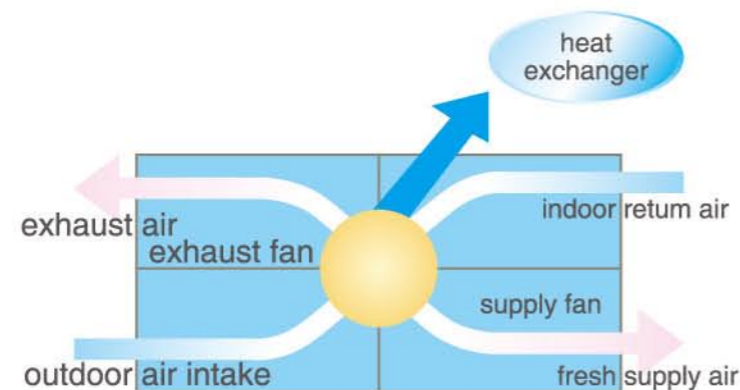
■ HRV (Heat Recovery Ventilator) adopt high efficiency heat exchanged core

The heat exchanged core forming by special paper that be processed with chemical treatment, which could create the optimum result in temperature, humidity and cooling recovery.

■ Energy saving

Fresh-air and exhaust air are crossed through the exchanger. Temperature exchange happened in the heat recovery ventilator. Fresh-air can produce a great deal of energy from exhaust air.

■ Adopt centrifugal fan with lower power consumption and longer air supply distance; Easy control, operation friendly.



■ High efficiency

Adopt high quality paper-core heat-exchange. Less air resistance.

■ Low noise

Add sound absorption material, quiet operation.

■ Different modes for your choice

- Exhausting mode (Hi Mid Low fan speed can be chosen)
- Air supply mode (Hi Mid Low fan speed can be chosen)
- By pass mode (Hi Mid Low fan speed can be chosen)

In this mode, there's no heat exchanging happened, so saving energy.

For example:

If outdoor temp. is lower than indoor, we don't need heat exchanging, but we need fresh air. We can choose by pass mode.

Remark: this mode only available for HRV-200~1000.

- Heat exchanging mode (Hi Mid Low fan speed can be chosen)

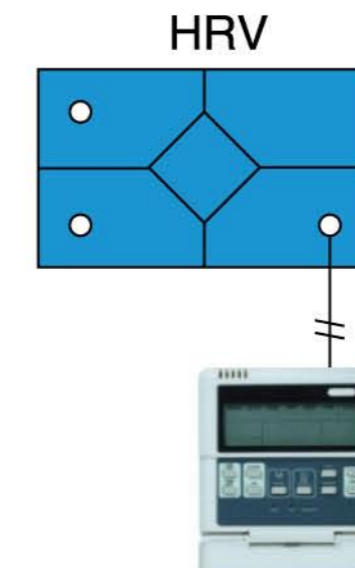
In this mode, supply air flow = exhaust air flow.

- Auto mode

In this mode, the unit will run at heat exchange mode or by pass mode judge by outdoor temp. and indoor temp. with low speed air flow.

■ Flexible multi control ways

Wired controller KJB-27B/E standard to choose different mode and timer function.



Can be controlled together with other indoor units by central controller.

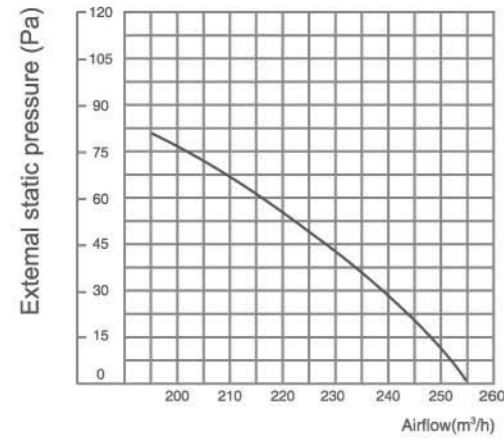


Note: Due to there is no Auto mode and Exhaust mode on the CCM03 central Controller, the function of HRV can not exert completely.

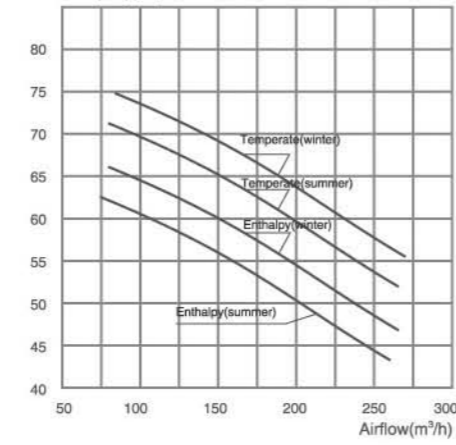
■ Compact design, easy installation and maintenance.

■ Capacity curve

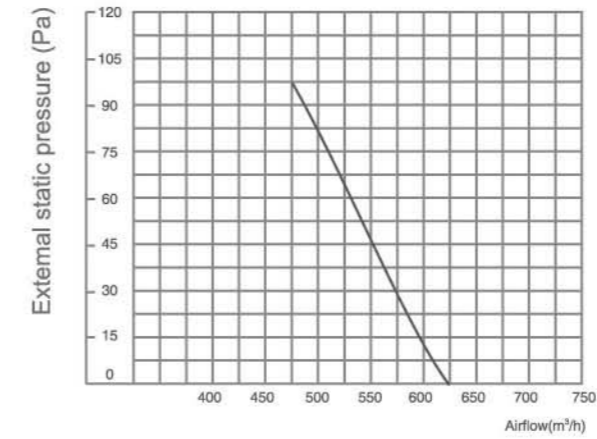
For HRV-200:



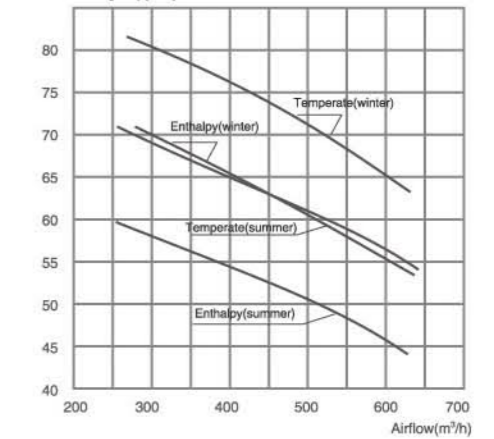
Efficiency η (%)



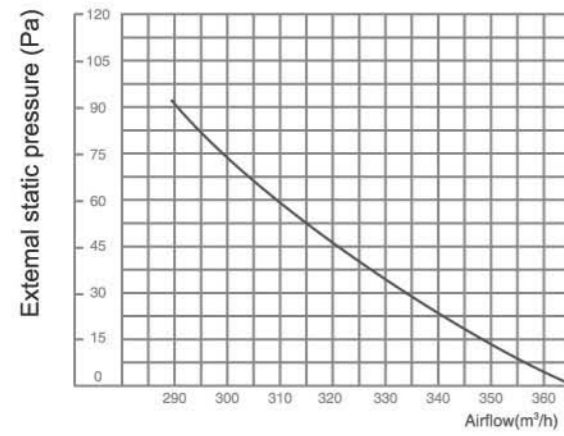
For HRV-500:



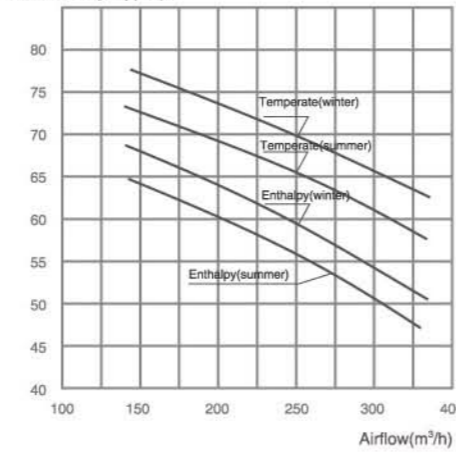
Efficiency η (%)



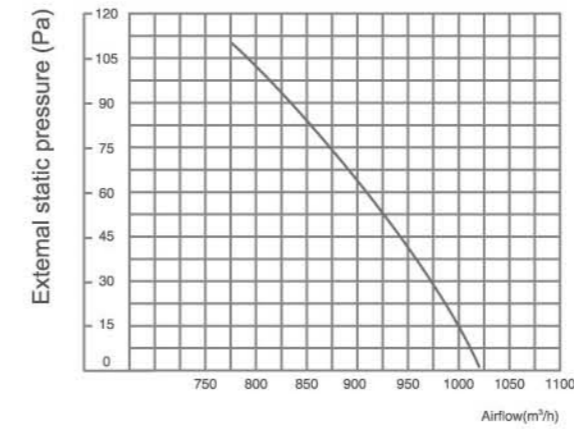
For HRV-300:



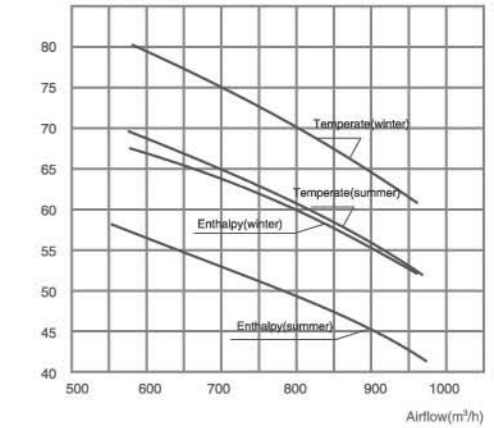
Efficiency η (%)



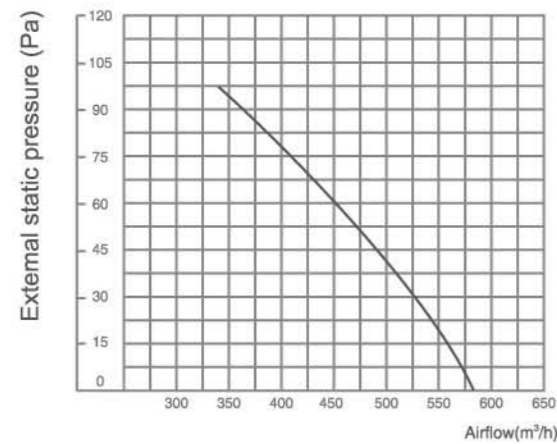
For HRV-800:



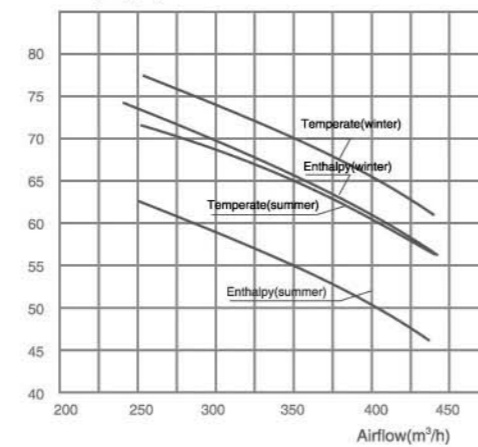
Efficiency η (%)



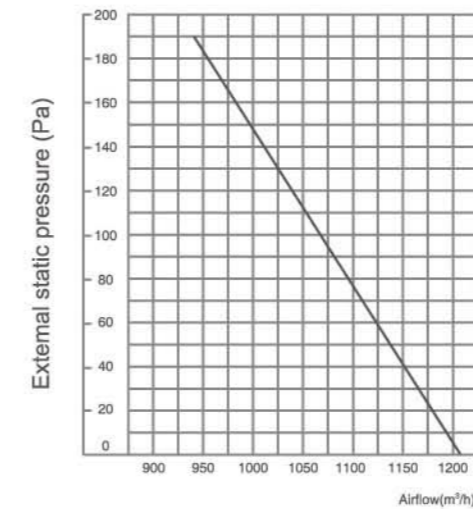
For HRV-400:



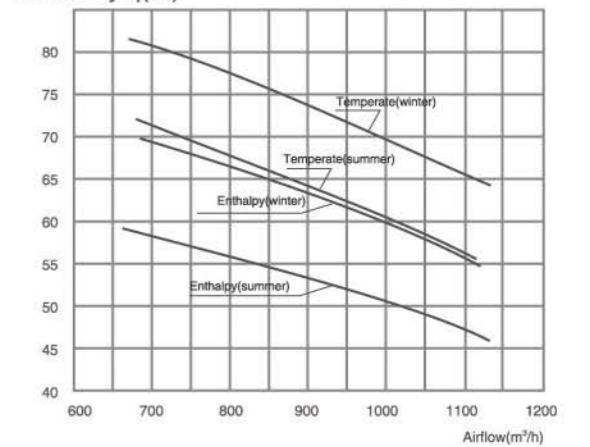
Efficiency η (%)



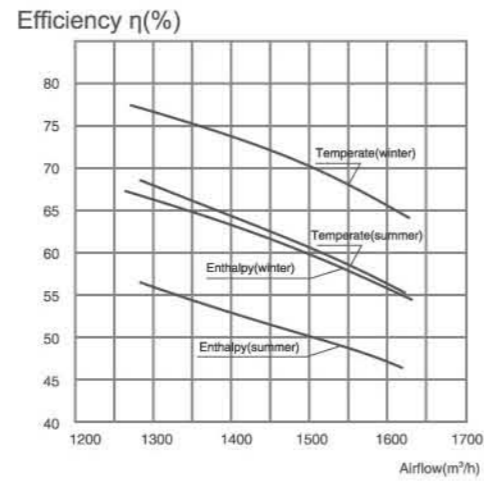
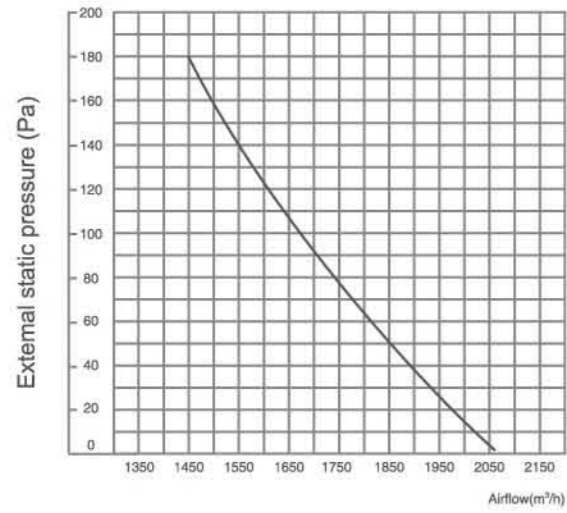
For HRV-1000:



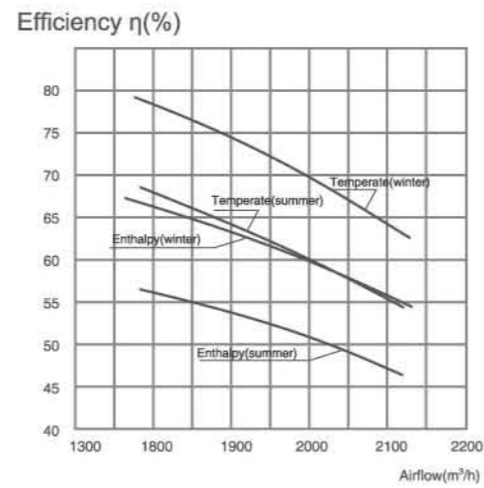
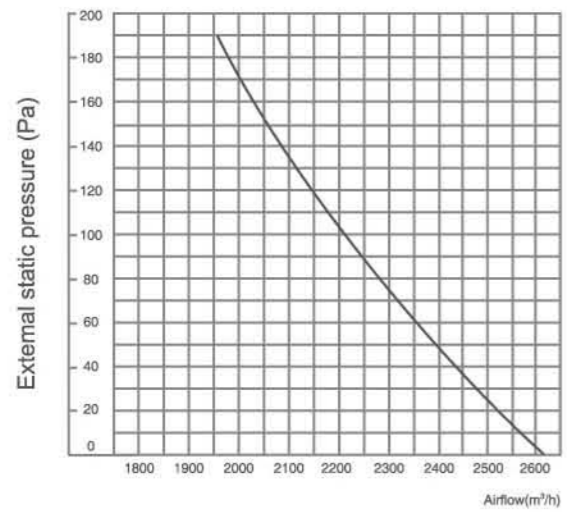
Efficiency η (%)



For HRV-1500:



For HRV-2000:



Specification

Model		HRV-200	HRV-300	HRV-400	HRV-500
Air flow volume	m ³ /h	200	300	400	500
Static pressure	Pa	75	75	80	80
Cooling	Temp. efficiency %	60	60	60	60
	Enthalpy efficiency %	50	50	50	50
Heating	Temp. efficiency %	65	65	65	70
	Enthalpy efficiency %	55	55	60	60
Power supply	V- Ph-Hz	220-1-50	220-1-50	220-1-50	220-1-50
Motor	Type	Single-phase asynchronous motor			
	Power W	20	40	80	120
	Current A	0.5	0.56	1	1
Fan type		Centrifugal fan			
Net dimension	WxHxD mm	666x264x580	744x270x599	744x270x804	824x270x904
Packing dimension	WxHxD mm	968x456x835	1046x462x855	1046x462x1059	1126x462x1159
Net weight	Kg	22	23	30	35.5
Gross weight	Kg	46	48	57	65.5
Noise level	dB(A)	27	30	32	35
Qty/Per 20'/40'/40'HQ	Pieces	65/146/174	58/130/154	46/104/124	40/89/106
Controller		Wired controller (KJR-27B/E)			

Model		HRV-800	HRV-1000	HRV-1500	HRV-2000
Air flow volume	m ³ /h	800	1000	1500	2000
Static pressure	Pa	100	100	160	170
Cooling	Temp. efficiency %	60	60	60	60
	Enthalpy efficiency %	50	50	50	50
Heating	Temp. efficiency %	70	70	70	70
	Enthalpy efficiency %	60	60	60	60
Power supply	V- Ph-Hz	220-1-50	220-1-50	380-3-50	380-3-50
Motor	Type	Single-phase asynchronous motor		Three -phase asynchronous motor	
	Power W	360	360	900	1100
	Current A	2	2.4	3.2	3.6
Fan type		Centrifugal fan			
Net dimension	WxHxD mm	1116x388x884	1116x388x1134	1500x540x1200	1550x540x1400
Packing dimension	WxHxD mm	1418x580x1139	1418x580x1389	1672x716x1372	1722x716x1572
Net weight	Kg	57.5	59	160	175
Gross weight	Kg	91.5	95	200	215
Noise level	dB(A)	39	40	51	53
Qty/Per 20'/40'/40'HQ	Pieces	25/56/68	20/40/49	14/28/33	9/21/21
Controller		Wired controller (KJR-27B/E)			