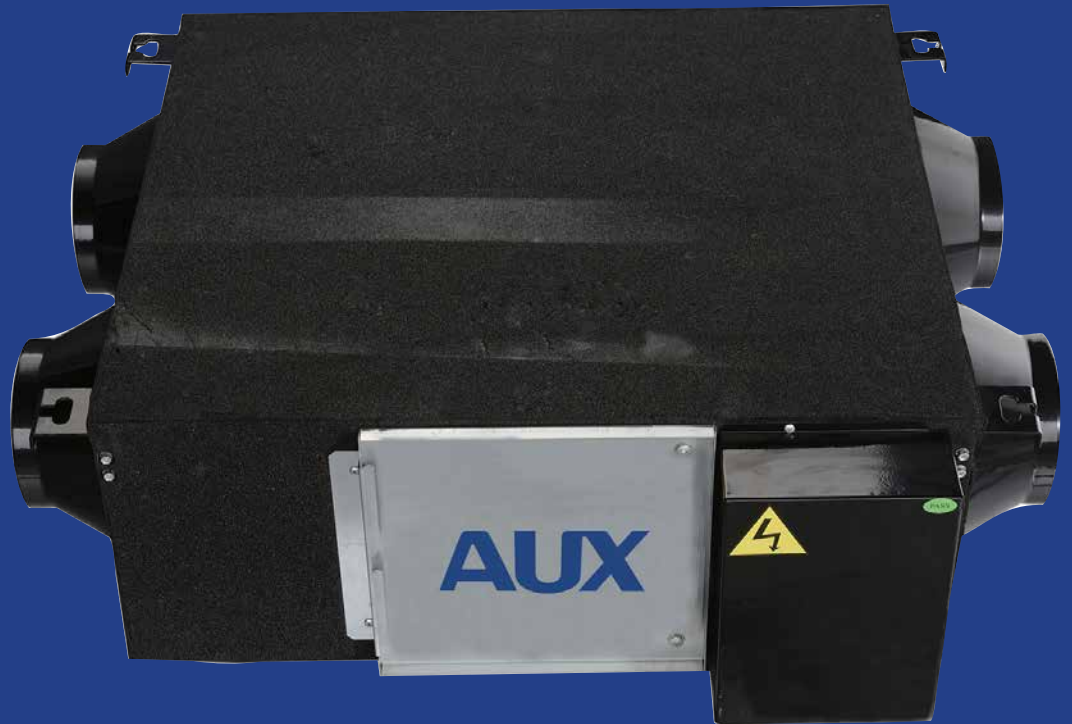
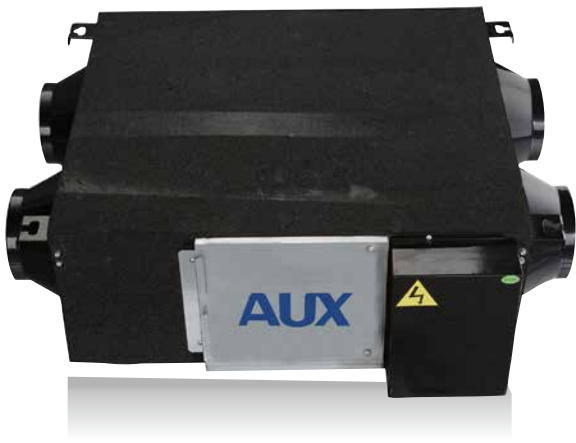


# HRV

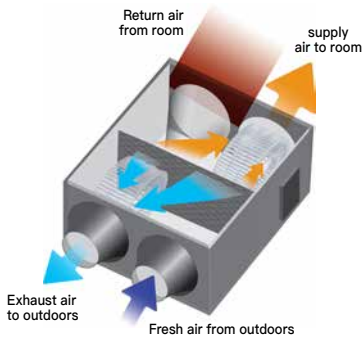
(Heat Recovery Ventilator)



**AUX**  
AIR CONDITIONER

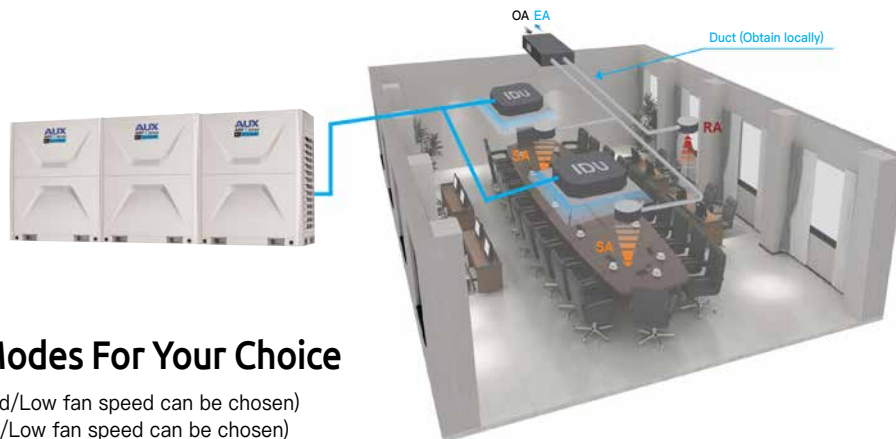


# HRV (Heat Recovery Ventilator)



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

All units are equipped with 3-speed fan mode, adjusting the air flow rate in accordance with the ceiling height. Innovative centrifugal fan provides larger air volume but lower noise, making the air supply more quietly and smoothly.



## ■ 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 is no heat exchanging happened, which is more energy saving.

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

Remark: this mode is 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 judged by outdoor temperature and indoor temperature with low speed air flow.





# HRV (Heat Recovery Ventilator)

## Specifications

	AHRV-200/4	AHRV-300/4	AHRV-400/4	AHRV-500/4	AHRV-600/4	AHRV-800/4	AHRV-1000/4
Volume (m3/h)	200	300	400	500	600	800	1000
Volume (CFM)	118	176	235	294	353	471	588
External static pressure (Pa)	75	75	80	80	90	100	130
Power Supply (V~,Hz,Ph)	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1	220~240,50,1
Power Input W	65	130	200	220	242	410	510
Temp. Efficiency %	77	78	78	79	79	79	78
Enthalpy Efficiency %	64	65	65	66	65	65	67
Temp. Efficiency %	78	78	79	79	79	79	78
Enthalpy Efficiency %	69	70	70	71	70	70	71
Noise Level (dB(A))	37	39	40	41	42	43	45
Flange (mm)	∅ 144	∅ 144	∅ 144	∅ 194	∅ 194	∅ 242	∅ 242
Net Weight (kg)	25	27	30	41	42	68	82
Gross Weight (kg)	48	51	60	72	84	110	125
Net Dimension(WxDxH) (mm)	848×654×262	926×722×270	926×927×270	1018×1027×270	1018×1027×270	1274×1007×388	1274×1007×388
Gross Dimension(WxDxH) (mm)	896×702×312	974×758×318	974×960×318	1062×1060×318	1062×1060×318	1345×1065×558	1345×1065×558

	AHRV-1500/5	AHRV-2000/5	AHRV-2500/5	AHRV-3000/5	AHRV-4000/5	AHRV-5000/5
Volume (m3/h)	1500	2000	2500	3000	4000	5000
Volume (CFM)	882	1176	1471	1765	2353	2941
External static pressure (Pa)	160	170	180	200	220	240
Power Supply (V~,Hz,Ph)	380~415,50,3	380~415,50,3	380~415,50,3	380~415,50,3	380~415,50,3	380~415,50,3
Power Input W	1028	1215	2063	2108	2415	3122
Temp. Efficiency %	78	79	78	79	78	69
Enthalpy Efficiency %	67	68	67	67	67	79
Temp. Efficiency %	78	79	78	80	79	66
Enthalpy Efficiency %	72	70	71	70	71	80
Noise Level (dB(A))	52	60	62	64	66	68
Flange (mm)	∅ 242	320x300	320x300	500x350	500x690	500x690
Net Weight (kg)	82	200	225	240	270	265
Gross Weight (kg)	125	260	290	300	335	330
Net Dimension(WxDxH) (mm)	1287×1257×388	1600×1265×540	1650×1470×540	1710×1480×600	1725×1450×1050	1725×1450×1050
Gross Dimension(WxDxH) (mm)	1345×1315×558	1668×1331×720	1708*1548*720	1830×1590×805	1825×1550×1255	1825×1550×1255

