

## Specifications

Model			HRV-200	HRV-300	HRV-400	HRV-500	
Power Supply		V/ph/Hz	220-240/1/50				
Temp. Exchange Efficiency (%) [50Hz]		High	65	65	65	65	
		Medium	65	65	65	65	
		Low	70	70	70	70	
Enthalpy Exchange Efficiency (%) [50Hz]	For Cooling	High	50	50	50	50	
		Medium	50	50	50	50	
		Low	55	55	55	55	
	For Heating	High	55	55	60	60	
		Medium	55	55	60	60	
		Low	60	60	65	65	
Sound Level	Heat Exchange Mode	High	27	30	32	35	
		Medium	26	29	31	34	
		Low	20	23	25	28	
	Bypass Mode	High	28	31	33	36	
		Medium	27	30	32	35	
		Low	22	25	27	30	
Dimensions(W×D×H)		mm	866×655×264	944×722×270	944×927×270	10,38×1,026×270	
Machine Weight		kg	23	26	31	41	
Casing		-	Galvanized steel plate				
Heat Exchange System		-	Air to air cross flow total heat (Sensible heat + latent heat) exchange				
Heat Exchange Element Material		-	Specially processed nonflammable paper				
Fan	Type		-	Centrifugal fan			
	Airflow Rate [50Hz]	High	m3/h	200	300	400	500
		Medium	m3/h	200	300	400	500
		Low	m3/h	150	225	300	375
	ESP (Pa) [50Hz]	High	Pa	75	75	80	80
		Medium	Pa	58	60	65	68
		Low	Pa	35	40	43	45
Motor Output		W	20	40	80	120	
Duct diameter		Φ/mm	144	144	144	194	
Operation ambient condition		-	-7°C-43°C (DB), 80%RH or less				

## Specifications

Model			HRV-800	HRV-1000	HRV-1500	HRV-2000	
Power Supply		V/ph/Hz	220-240/1/50		380/3/50		
Temp. Exchange Efficiency (%) [50Hz]		High	65	65	65	65	
		Medium	65	65	/	/	
		Low	70	70	/	/	
Enthalpy Exchange Efficiency (%) [50Hz]	For Cooling	High	50	50	50	50	
		Medium	50	50	/	/	
		Low	55	55	/	/	
	For Heating	High	60	60	60	60	
		Medium	60	60	/	/	
		Low	65	65	/	/	
Sound Level	Heat Exchange Mode	High	39	40	51	53	
		Medium	38	39	/	/	
		Low	32	33	/	/	
	Bypass Mode	High	40	41	52	54	
		Medium	39	40	/	/	
		Low	34	35	/	/	
Dimensions(W×D×H)		mm	1,286×1,006×388	1,286×1,256×388	1,600×1,270×540	1,650×1,470×540	
Machine Weight		kg	62	79	163	182	
Casing		-	Galvanized steel plate				
Heat Exchange System		-	Air to air cross flow total heat (Sensible heat + latent heat) exchange				
Heat Exchange Element Material		-	Specially processed nonflammable paper				
Fan	Type		-	Centrifugal fan			
	Airflow Rate [50Hz]	High	m3/h	800	1,000	1,500	2,000
		Medium	m3/h	800	1,000	/	/
		Low	m3/h	600	750	/	/
	ESP (Pa) [50Hz]	High	Pa	100	100	160	170
		Medium	Pa	82	85	/	/
		Low	Pa	54	58	/	/
Motor Output		W	360	360	450	450	
Duct diameter		Φ/mm	242	242	346×326	346×326	
Operation ambient condition		-	-7°C-43°C (DB), 80%RH or less				

Note:

- For the units model of HRV (200-1000), there are 3-speed adjustable air volume (Hi, Med, Low), but for the units model of HRV (1500-2000), there are only 1-speed which cannot be adjusted.
- Sound level is measured at 1.4m below the center of the body in an anechoic chamber..
- Airflow rate can transmit between low mode and high mode
- Temperature Exchange Efficiency is the mean value between cooling and heating
- Efficiency is measured under the following conditions:
  - \* Cooling Condition: Air Exhaust Temp. 27°C DB, 19.5°CWB., Fresh Air Temp. 35°C DB, 28°CWB
  - \* Heating Condition: Air Exhaust Temp. 21°C DB, 13°CWB., Fresh Air Temp. 5°C DB, 2°CWB