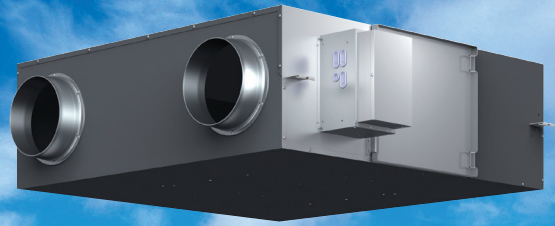


- 9 models with airflows from 150 to 2000 m³/h
- Compatible with standard TCC Link controls platform
- Automatic changeover to efficient operation mode
- Free cooling when ambient is lower than internal temperature
- Recovery of up to 83% of heat loss
- Air balance volume rate can be varied
- Easy to install
- Heater kits as an optional extra (see page 108)



Standard Version Heat Exchanger

The heat exchanger operating principle is to use heat recovered from exhaust air to temper (pre-warm) the fresh air coming into the building, which helps to reduce the overall load and potentially the size of the air conditioning equipment required to maintain set point within the building. The air to air heat exchanger offers a highly efficient way of providing fresh air and extract air to a building and can help comply with building regulations.

Model Reference		VN-M150HE	VN-M250HE	VN-M350HE	VN-M500HE	VN-M650HE
Air Volume (Extra High)	m ³ /h	150	250	350	500	650
Air Volume (High)	m ³ /h	150	250	350	500	650
Air Volume (Low)	m ³ /h	110	155	210	390	520

Model Reference		VN-M800H-E	VN-M1000H-E	VN-M1500H-E	VN-M2000H-E
Air Volume (Extra High)	m ³ /h	800	1000	1500	2000
Air Volume (High)	m ³ /h	800	1000	1500	2000
Air Volume (Low)	m ³ /h	700	755	1200	1400

Accessories	Description
NRC-01HE	Remote Controller
RBC-VNL1	Interface Lead

Model		VN-M150HE	VN-M250HE	VN-M350HE	VN-M500HE	VN-M650HE
Temp Exchange Efficiency (Extra High & High)	%	81.5	78	74.5	76.5	75
Temp Exchange Efficiency (Low)	%	83	81.5	79.5	78	76.5
Enthalpy Exchange Efficiency Heating (EH&H)	%	74.5	70	65	72	69.5
Enthalpy Exchange Efficiency Heating (Low)	%	76	74	71.5	73.5	71.5
Enthalpy Exchange Efficiency Cooling (EH&H)	%	69.5	65	60.5	64.5	61.5
Enthalpy Exchange Efficiency Cooling (Low)	%	71	69	67	66.5	64
Sound Pressure Level (Extra High)	dB(A)	28	30	35	34	36
Sound Pressure Level (High)	dB(A)	25.5	27	32	31	34
Sound Pressure Level (Low)	dB(A)	22	22	29	29	32.5
Power Consumption (Extra High)	W	78	138	182	238	290
Power Consumption (High)	W	67	111	145	192	258
Power Consumption (Low)	W	47	59	88	142	191
Max Run Current/Suggested Fuse Size	A	0.31-3	0.58-3	1.01-3	1.28-3	1.49-5
External Static Pressure (Extra high)	Pa	102	98	125	150	107
External Static Pressure (High)	Pa	78	65	83	99	82
External Static Pressure (Low)	Pa	64	40	94	92	96
Dimensions (HxWxD)*	mm	290x900x900	290x900x900	290x900x900	350x1140x1140	350x1140x1140
Weight	kg	36	36	38	53	53
Duct Diameter	mm	100	150	150	200	200
Power Supply		240/1/50	240/1/50	240/1/50	240/1/50	240/1/50
Operating Range - Around Unit				-10°C to +40°C, RH<80%		
Operating Range - Outdoor Air				-15°C to +43°C, RH<80%		
Operating Range - Return Air				+5°C to +40°C, RH<80%		

Model		VN-M800HE	VN-M1000HE	VN-M1500HE	VN-M2000HE
Temp Exchange Efficiency (Extra High & High)	%	76.5	73.5	76.5	73.5
Temp Exchange Efficiency (Low)	%	77.5	77	79	77.5
Enthalpy Exchange Efficiency Heating (EH&H)	%	71	68.5	71	68.5
Enthalpy Exchange Efficiency Heating (Low)	%	71.5	71.5	73.5	72
Enthalpy Exchange Efficiency Cooling (EH&H)	%	64	60.5	64	60.5
Enthalpy Exchange Efficiency Cooling (Low)	%	65.5	64.5	67	65.5
Sound Pressure Level (Extra High)	dB(A)	38.5	40.5	39	42.5
Sound Pressure Level (High)	dB(A)	37	40	37.5	41
Sound Pressure Level (Low)	dB(A)	35	35.5	37.5	38
Power Consumption (Extra High)	W	383	569	786	1154
Power Consumption (High)	W	353	538	784	1080
Power Consumption (Low)	W	300	370	607	742
Max Run Current/Suggested Fuse Size	A	2.26-5	3.19-5	4.66-13	6.39-13
External Static Pressure (Extra high)	Pa	158	150	159	143
External Static Pressure (High)	Pa	132	122	129	116
External Static Pressure (Low)	Pa	112	127	142	143
Dimensions (HxWxD)*	mm	400x1189x1189	400x1189x1189	810x1189x1189	810x1189x1189
Weight	kg	70	70	143	143
Duct Diameter	mm	250	250	250	250
Power Supply		240/1/50	240/1/50	240/1/50	240/1/50
Operating Range - Around Unit				-10°C to +40°C, RH<80%	
Operating Range - Outdoor Air				-15°C to +43°C, RH<80%	
Operating Range - Return Air				+5°C to +40°C, RH<80%	

* Dimensions do not include electrical box 200mm