

**air to air heat exchangers**


Model		VN-M150HE	VN-M250HE	VN-M350HE	VN-M500HE	VN-M650HE
Air Volume (high) m <sup>3</sup> /h - l/s		150 - 42	250 - 69	350 - 97	500 - 139	650 - 180
Air Volume (low)		110 - 31	155 - 43	210 - 58	390 - 108	520 - 144
Temperature exchange efficiency % (H / L)		81.5 / 83	78 / 81.5	74.5 / 79.5	76.5 / 78	75 / 76.5
Power Consumption - Extra High	W	68 - 78	123 - 138	165 - 182	214 - 238	262 - 290
Power Consumption - High	W	59 - 67	99 - 111	135 - 145	176 - 192	240 - 258
Power Consumption - Low	W	42 - 47	52 - 59	82 - 88	128 - 142	178 - 191
External Static Pressure - Extra High	Pa	82 - 102	80 - 98	114 - 125	134 - 150	91 - 107
External Static Pressure - High	Pa	52 - 78	34 - 65	56 - 83	69 - 99	58 - 82
External Static Pressure - Low	Pa	47 - 64	28 - 40	65 - 94	62 - 92	61 - 96
Sound Pressure Level - Extra High	dB(A)	26 - 28	29.5 - 30	34 - 35	32.5 - 34	34 - 36
Sound Pressure Level - High	dB(A)	24 - 25.5	25 - 27	30 - 32	29.5 - 31	33 - 34
Sound Pressure Level - Low	dB(A)	20 - 22	21 - 22	27 - 29	26 - 29	31 - 32.5
Operating Range - Around Unit	°C					-10°C - + 40°C 80% RH or less
Operating Range - Outdoor Air	°C					-15°C - + 43°C 80% RH or less
Operating Range - Return Air	°C					5°C - + 40°C 80% RH or less
Unit (HxWxD)	mm	290 x 900 x 900	290 x 900 x 900	290 x 900 x 900	350 x 1140 x 1140	350 x 1140 x 1140
Weight Indoor	kg	36	36	38	53	53
Duct Diameter	mm	100	150	150	200	200
Filtration Efficiency Grade		82%	82%	82%	82%	82%
Power Supply (V/Ph/Hz)		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50

Model		VN-M800HE	VN-M1000HE	VN-M1500HE	VN-M2000HE
Air Volume (high) m <sup>3</sup> /h - l/s		800 - 222	1000 - 278	1500 - 417	2000 - 556
Air Volume (low)		700 - 194	755 - 210	TBC	TBC
Temperature exchange efficiency % (H / L)		76.5 / 77.5	73.5 / 77	TBC	TBC
Power Consumption - Extra High	W	360 - 383	532 - 569	TBC	TBC
Power Consumption - High	W	339 - 353	494 - 538	TBC	TBC
Power Consumption - Low	W	286 - 300	353 - 370	TBC	TBC
External Static Pressure - Extra High	Pa	142 - 158	130 - 150	TBC	TBC
External Static Pressure - High	Pa	102 - 132	97 - 122	TBC	TBC
External Static Pressure - Low	Pa	76 - 112	84 - 127	TBC	TBC
Sound Pressure Level - Extra High	dB(A)	37 - 38.5	39.5 - 40.5	TBC	TBC
Sound Pressure Level - High	dB(A)	35.5 - 37	38.5 - 40	TBC	TBC
Sound Pressure Level - Low	dB(A)	33.5 - 35	34 - 35.5	TBC	TBC
Operating Range - Around Unit	°C	-10°C - + 40°C 80% RH or less		TBC	TBC
Operating Range - Outdoor Air	°C	-15°C - + 43°C 80% RH or less		TBC	TBC
Operating Range - Return Air	°C	5°C - + 40°C 80% RH or less		TBC	TBC
Unit (HxWxD)	mm	400 x 1189 x 1189	400 x 1189 x 1189	TBC	TBC
Weight Indoor	kg	70	70	TBC	TBC
Duct Diameter	mm	250	250	TBC	TBC
Filtration Efficiency Grade		82%	82%	TBC	TBC
Power Supply (V/Ph/Hz)		220-240/1/50	220-240/1/50	TBC	TBC

VN-M1500HE & VN-M2000HE available Q4 2011