

**Technical specifications air-to-air heat exchanger**

Outdoor unit		VN-250SE	VN-350SE	VN-500SE	VN-800SE	VN-1SAE
Air flow (h/l)	m <sup>3</sup> /h - l/s	250/170 - 70/48	350/280 - 98/78	500/370 - 140/104	800/650 - 224/182	1000/810 - 218/227
Temperature exchange efficiency (h/l)	%	75/77	75/77	75/77	75/77	75/77
Sound pressure level (h/l)	dB(A)					
Heat reclaim mode		27/22	30/26	32/36	37.5/34	37/33
Bypass mode		27.5/22.5	31/27	33/27.5	38/35	37.5/33.5
Operating range	°C	-10 - 40°C	-10 - 40°C	-10 - 40°C	-10 - 40°C	-10 - 40°C
Power input (h/l)	W					
Heat reclaim mode		114/90	137/128	188/166	329/327	391/359
Bypass mode		114/90	132/125	182/164	325/316	85/355
Enthalpy exchange efficiency (h/l)						
Heating	%	70/73	69/71	67/71	71/74	71/74
Cooling	%	63/66	66/69	62/67	65/68	65/68
Max. external static pressure (h/l)	Pa	80/37	65/42	70/38	110/70	55/35
Dimensions (H x W x D)	mm	270 x 599 x 882	270 x 804 x 882	270 x 904 x 962	388 x 884 x 1322	388 x 1134 x 1322
Weight	kg	29	37	43	71	83
Duct diameter	mm	150	150	200	250	250
Filtration efficiency grade (EU3)	%	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
Maximum relative humidity	%	85	85	85	85	85