

## Technical specifications heat pump

Model		VN-250TE	VN-350TE	VN-500TE	VN-800TE	VN-1KTAE
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)						
Heat reclaim mode	dB(A)	28/21	32/26	34/25	39/32	38.5/31
Bypass mode	dB(A)	28/22.5	32/26	34/26.5	38.5/33	39/31.5
Operating range	°C	-10 to 40°C	-10 to 40°C	-10 to 40°C	-10 to 40°C	-10 to 40°C
Power Input (h/l)						
Heat reclaim mode	W	119/79	154/117	214/151	347/302	445/332
Bypass mode	W	119/79	151/113	210/145	337/297	438/326
Enthalpy exchange efficiency (h/l)						
Heating	%	70/73	69/71	67/71	71/74	71/73
Cooling	%	63/66	66/69	62/67	65/68	65/68
Max.. external static pressure (h/l)	Pa	90/37	95/42	105/38	140/70	90/35
Dimensions (H x L x D)	mm	270 × 599 × 882	270 × 804 × 882	270 × 904 × 962	388 × 884 × 1322	388 × 1134 × 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