



HIGHLY EFFICIENT FRESH AIR SUPPLY

## VN heat exchanger



### Highlights

- Available with register for heating/cooling function
- Free cooling possible
- Available with optional air humidification



Cross-current heat exchanger for standalone operation or for combination with VRF outdoor units from the MiNi-SMMS-e, SMMS-e, and SHRM-e model series. Perfect heat recovery from the air-conditioned ambient air of up to 75%. Available in three variants: Air/Air heat exchanger, with register of 4.1 to 8.25 kW, with additional humidifier.



### Performance

- High energy efficiency
- Heat recovery up to 75%
- Low-noise, 3-stage fan
- Auto diagnostic system



### Flexibility

- Suitable for controlled domestic ventilation and for commercial use
- Easy-to-remove & washable heat exchanger element
- External inputs are available with an optional NRB-1HE remote adapter
- Potential-free, digital outputs as standard



### Technical details

- Air humidifier, operates according to the vapor permeable film principle
- TCB-DP31HEXE drain pump optionally available
- External receiver kit for infrared remote control possible
- Can be combined with all cable remote controls
- Additional functions available with the RBC-AMS54E-ES remote control
- Automatic restart setting after power outage



## VN heat exchanger

Technical data			VN-M800HE
External static pressure	Pa		76 - 158
Airflow (min./nom./max.)	m <sup>3</sup> /h		700/800/800
Air connections diameter	mm		250
Sound pressure level (low/med/high)	dB(A)	❄️	33,5/37/38,5
Sound pressure level (low/med/high)	dB(A)	☀️	33,5/37/38,5
Sound power level	dB(A)	☀️	52,0 - 53,5
Temperature exchange efficiency (min./nom./max.)	%		76,5/-/77,5
Enthalpy exchange efficiency (min./nom./max.)	%	❄️	64,0/-/65,5
Enthalpy exchange efficiency (min./nom./max.)		☀️	71,0/-/71,5
Power supply	V/Ph+N/Hz		220-240/1/50
Heat exchanger mode power consumption (min./nom./max.)	W		286/-/383
Dimensions (HxWxD)	mm		400 x 1189 x 1189
Weight	kg		70

❄️ Cooling ☀️ Heating

The measuring conditions for this product can be found at <https://www.toshiba-aircondition.com/en/measuring-conditions.html>



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here: In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



**Dust filter:** Washable filter against coarse contamination.

