

VEM & VEH THE NEW VARIABLE SPEED FAMILIES MADE IN CHINA

Lower energy consumption and longer expected life span
for you refrigeration equipment



EFFICIENCY

Highest EER on R290 for commercial applications at variable speed



LOWER NOISE & LESS VIBRATIONS

Consistent noise level reduction



WIDE VOLTAGE RANGE

Guarantee for the equipment to run even with voltage fluctuation



FAST COOLING

Target temperature reached faster, ensuring better food preservation



ENVIRONMENTALLY FRIENDLY

Uses R290 natural refrigerant with no impact on the ozone layer (GWP: 3)



LONGER EXPECTED LIFESPAN

Softer startup, lower stress on mechanical and electrical parts



READY FOR EU EXPORT

External PFC option for compliance with VDE



INVERTER PORTFOLIO

New inverter models for lower capacity compressors

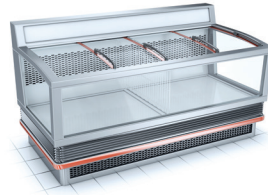
MAIN APPLICATIONS



VERTICAL
FREEZERS



VERTICAL
DISPLAY-CASES



FROZEN
ISLANDS



BEVERAGE
COOLERS

COMPRESSOR DATA

REFRIG	MODEL	APPLICATION	HP	DISP. [cc]	INVERTER	EVAP. RANGE [°C]	TEST CONDITION (Rated Point)	ROTATION [RPM]	CAP* [W]	MAX COP* [W/W]	PLANT
R290	VENT403U	L/MBP	1/3	3,1	200W DV	-40°C to 0°	ASHRAE LBP	1200 - 4500	61 - 220	1,82	Brazil
	VENT404U	L/MBP	1/3+	4,3	400W DV/PFC	-40°C to 0°	ASHRAE LBP	1200 - 4500	108 - 354	1,93	Brazil
	VENT406U	L/MBP	1/2	6,4	400W DV/PFC	-40°C to 0°	ASHRAE LBP	1600 - 4500	151 - 439	1,72	China
	VEHT409U	L/MBP	1/2	9,0	550W DV 1000W PFC	-40°C to 0°	ASHRAE LBP	1600 - 4500	239 - 668 247 - 675	1,84 1,81	China
	VEHU413U	L/MBP	1	12,7	1000W DV 1000W PFC	-40°C to 0°	ASHRAE LBP	1600 - 4500	346 - 937 347 - 933	1,72 1,69	China

* Test Conditions:

ASHRAE LBP (Rated point): T. evap: -23.3°C / T. cond: 54.4°C

EN12900 MBP (Rated point): T. evap: -10°C / T. cond: 45°C

** Product still under testing. Preliminary performance demonstrated

For more detailed information, contact technical support



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