

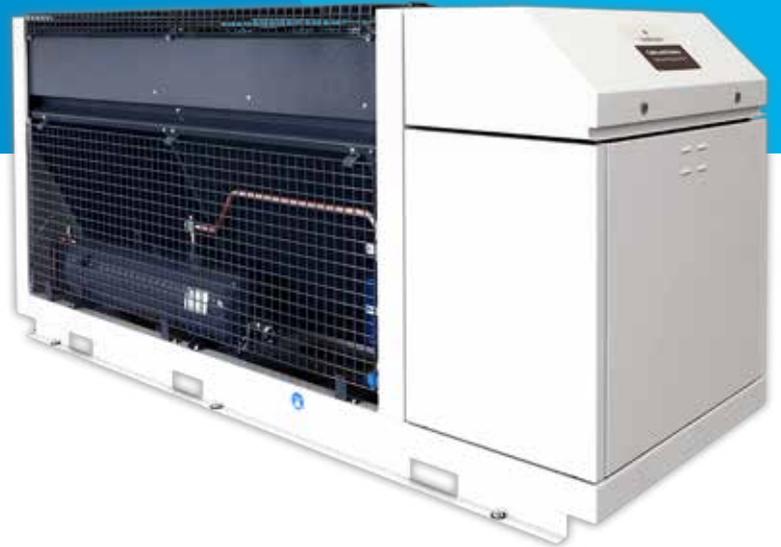
Copeland EazyCool™ High capacity outdoor refrigeration units

With this range of outdoor refrigeration units, Emerson offers a solution which responds to the increasing demand for high capacity units.

These refrigeration units are designed to match the high quality requirements of the food retail sector.

The range features the latest technology in an assembly of high quality components which are adjusted for efficient and reliable operation. Digital scroll compressors offer continuous capacity modulation to match exactly the demand of the application. The EC-fans remove the heat from the condenser in the most efficient and silent way.

The state-of-the-art electronic controller allows for precise adjustment and control of all relevant parameters and comprises numerous electronic protection functions for highly reliable operation.

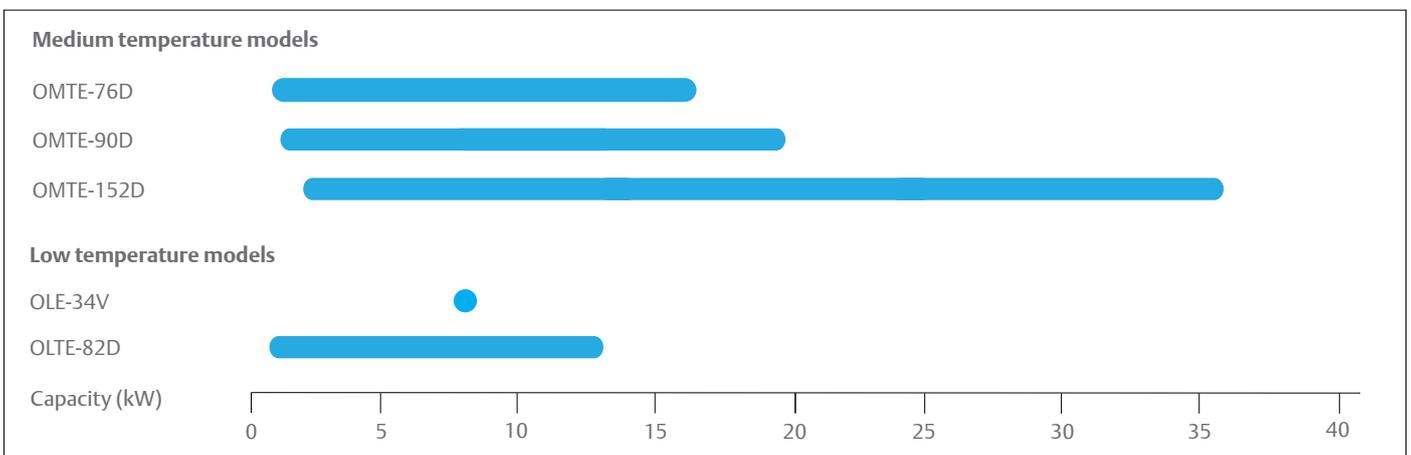


The units are available for medium and low temperature applications and are compliant with EcoDesign Directive.

The refrigeration units are the future-proof choice for various target applications:

- Supermarkets
- Convenience stores
- Forecourt sites
- Cold rooms
- Fast food stores

Capacity Line-up



Technical Overview*

Models	Compressors	Cooling Capacity [kW]	Receiver Capacity (l)	Dimensions W / D / H (mm)	Net Weight [kg]	Power Supply	Sound Pressure 10 m; dB (A)
Medium Temperature Models							
OMTE-76D	ZBD38 + ZB38	16.8	20	1574/900/1150	235	380-420 V/3~/50Hz	42
OMTE-90D	ZBD45 + ZB45	19.5	20	1574/900/1150	235	380-420 V/3~/50Hz	42
OMTE-152D	ZBD76 + ZB76	35.8	31	2300/900/1150	315	380-420 V/3~/50Hz	45
Low Temperature Models							
OLE-34V	ZF34	8.1	20	1574/900/1150	235	380-420 V/3~/50Hz	42
OLTE-82D	ZFD41 + ZF41	13.6	31	2300/900/1150	315	380-420 V/3~/50Hz	45

Condition EN13215, R448A/R449A: Suction Gas Return 20°C, Subcooling 0K
* Preliminary data

Features and benefits

Designed to the quality requirements of the retail sector

- High quality electrical board layout with rescue mode
- Advanced electronic protection, alarm history
- Remote monitoring capability (Modbus)
- Leak detection

Minimizes operating cost

- Intelligent electronic system controller
- High efficiency scroll compressors
- Continuous capacity modulation 5...100%
- Set point optimized to the evaporator group of each circuit
- Ready for heat recovery

Wide choice of refrigerants

- Multiple refrigerant approvals: R407A/F, R448A/ R449A, R404A, R134a, R450A and R513A.
- Enabling F-Gas compliance (GWP limit 2500)

Minimizes capital investment

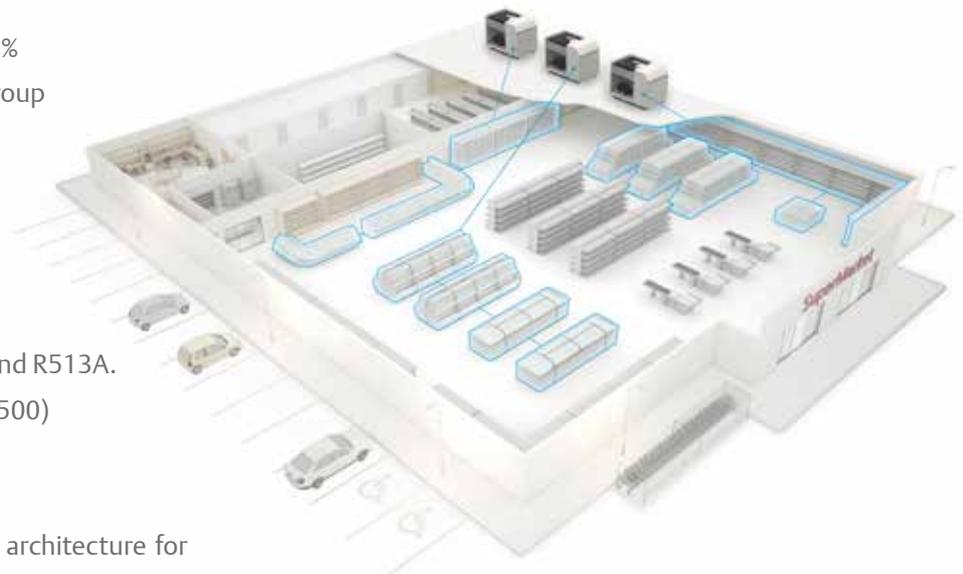
- Enabling de-centralized multiple unit architecture for lower investment cost
- Ability to use standard installation equipment
- No machine room required

Quiet operation

- 42-45 m dB(A) at 10m
- Low sound scroll compressors with sound attenuation
- Latest generation EC fans

Easy to install & service, “Plug & Play”

- Pre-configured but also adjustable parameters
- Easy access to controller and components



For more details, see climate.emerson.com/en-gb

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