

## GEA Searle MV Air cooled condenser

Committed to technological innovation



The MV range extends the versatility of GEA Searle Air cooled condensers into a V-Bank configuration with a combination of 3 coil widths and 3 module lengths, 2 fans wide. The available range has a duty from 36kW to 1088kW. GEA Searle achieves a close specification match by offering three module length options of 1200mm, 1440mm or 1800mm across three coil width options in the small footprint V-Bank formation. The MV...M has 2 x 1524mm high coils and the MV...L has 2 x 1905mm high coils with 2 fans wide, both sizes offer the choice of 2 to 8 fans in length. Combined with coil sizes from 2 to 4 row coils and multiple standard fan options up to 910mm, this range of V configuration units is comprehensive.

GEA offers EC fans, a highly efficient and very low noise complete control package. Full details of the EC fans and the best-suited application areas are included within this brochure. Due to the large number of options only a selection of the range is available in this brochure, selection is best achieved using the condenser data tables or the GEA selection software, from your local sales representative.

### MV Features

- V-Bank configuration
- combination of 3 coil widths and 3 module lengths
- 2 fans wide
- The available range has a duty from 36kW to 1088kW.
- We offer three module length options of 1200mm, 1440mm or 1800mm
- Combined with coil sizes from 2 to 4 row coils and multiple standard fan options up to 910mm

# MV Technical Data

## Operating Principles and Features

- Eurovent approved performance OM-2-2011
- Manufactured to Quality Standard ISO9001:2008
- Galvanised steel casing. EN 10327-DX51D-Z275 MB-
- Grey powder coated casing, oven cured for a hard wearing, durable finish. RAL 7032
- Forklift channels
- Standard Copper (CU) TUBE, Aluminium (AL) fins
- Optional fins Epoxy (AV), Aluminium Magnesium (AlMg)
- Optional fin Copper (CU), Electro-tinned copper (ET)
- Pressure tested and sealed



Options	Description
Isolators	Fan mounted isolators
Sub-cooling / Multi-sections	Selection from - 7K at 15K T, 5K at 15K T
Alternative Fin Materials	Epoxy coated aluminium – AV, Copper – CU, Aluminium magnesium AlMg (AlMg3), Blygold – BLY, Copper electro-tinned – ET, Aluminium magnesium with epoxy coating
Special Paint / RAL / C5M	Alternate unit colours or C5M Marine coating
Adiabatic System	Copper or PVC piping
Terminal Box	Terminal box for customer control
Control Box	Available for AC and EC fan motors using - Pressure control, Temperature control
Inverter	Inverter controls for AC fans
Mounted Receivers	Receiver mounting and piping
Housings	Condenser housings supplied separately or integrated with the air cooled condenser
Frames	Mounting frames

## GEA Heat Exchangers

### GEA Searle

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