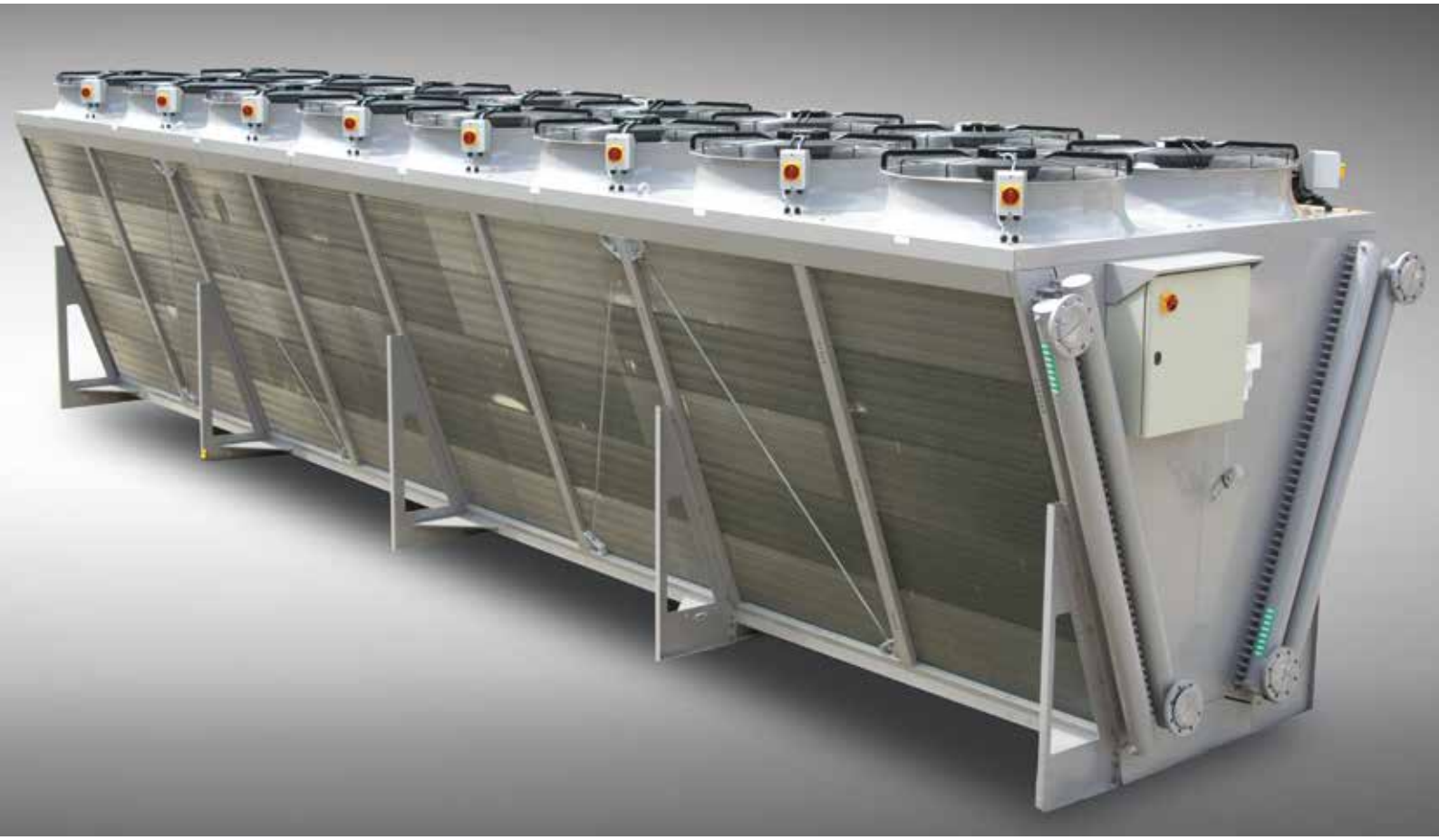
GEA Searle DV Dry cooler

Committed to technological innovation



The DV range extends the versatility of GEA Dry coolers 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 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 DV...M has 2 x 1524mm coils and the DV...L has 2 x 1905mm coils with 2 fans wide, all 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 now offers the EC fan, a highly efficient and very low noise complete control package. Full details of the EC fan and the best suited application areas are included in the GEA Searle brochure.

DV Features

- Meeting your specification - Our range has many models, created through a modular design and a variety of fan sizes, offering a greater choice to match your requirements.
- Assured performance - All our Dry Air Coolers are certified, under the Eurovent "Certify All" programme.
- Designed to be quiet - Our Dry Coolers can meet even the most stringent noise restrictions using the latest 6 & 8 pole fan sets. We also offer EC technology across the standard range which offers variable speed control and high efficiency.
- Energy efficient - Our new units use the latest technology to ensure greater energy efficiency.
- Backing our beliefs - We offer two years warranty on all Dry coolers from date of dispatch (subject to our standard Terms & Conditions of Sale and excluding corrosion through misapplication)

DV 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

20 Davis Way, Newgate Lane, Fareham, Hampshire, United Kingdom
Phone: +44 (0) 1329 823344, Web: www.searle.co.uk

© GEA Searle reserve the right to change in whole or part the specification detail.