

Compressors and Controls



Panasonic®

Scroll / Rotary

Production: 1,6 million units.
World leader in CO₂ Hermetic compressors.

GMCC

Rotary / Reciprocating

Production: 110 million units / year
Part of Midea Group
30% of global market share in rotary compressors.

CRSS

Refrigeration Rotary

Production: 8 million units.
Specialized in refrigeration compressors
Part of the Panasonic Group.



Hermetic piston compressors

Production: 5,5 million units / year
Specialized in reciprocating Compressors for refrigeration and AC.



Inverter Drivers

Inverter Drivers are used to regulate the rotation speed of compressors and to adjust the compressor capacity.

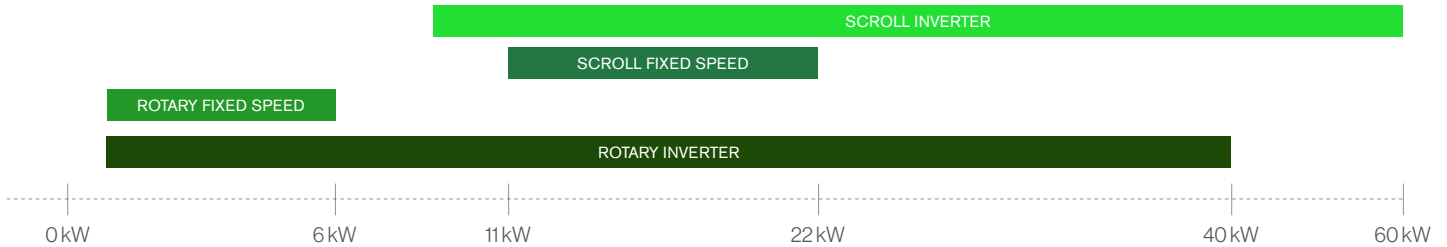


Motors and fans

Specializing in ECM and shaded pole motors, designed to operate at high and low temperatures with high efficiency.

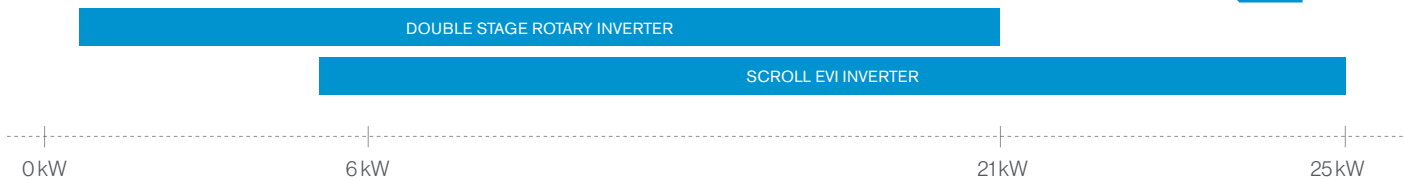
Product range

R290 Heat Pump Solutions



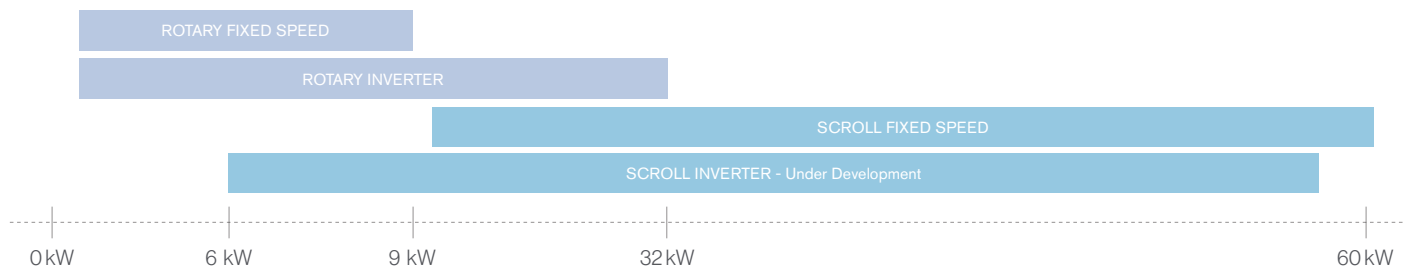
Rotary / Scroll Tev 7,2°C Tcond 54,4 °C (Heating capacity) – 15rps min/120rps max for Inverter range

CO2 Heat Pump Solutions



Double stage Rotary and Scroll also available in horizontal design.
 Double stage Rotary (Heating Capacity): Tev -10°C Gas Cooler out 32°C
 Scroll EVI: Tev 8°C Gas Cooler out 32°C

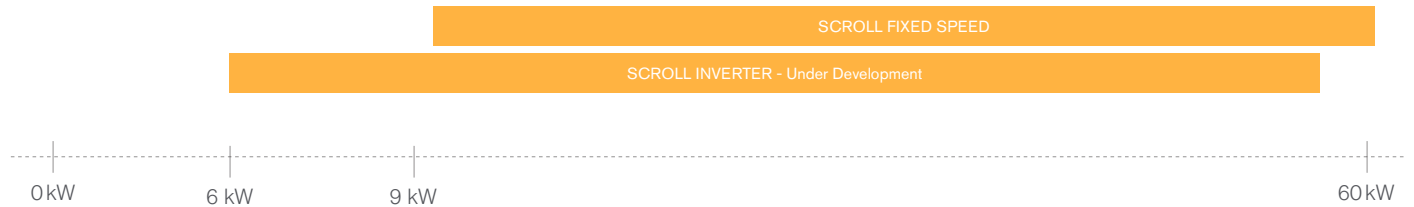
R32 Solutions



Rotary (Heating): Tev 7.2°C - Tcon 54.4°C – 15 rps min/120 rps max for Inverter range
 Scroll (Heating): Tev 7.2°C - Tcon 54.4°C – 15 rps min/120 rps max for Inverter range

R454B Solutions

R454B

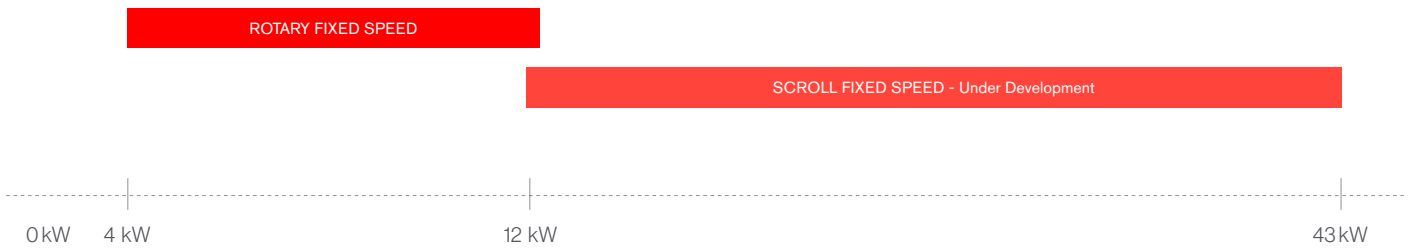


Scroll (Heating): Tev 7.2°C - Tcon 54.4°C – 15 rps min/120 rps max for Inverter range

R454C-R455A Solutions

R454C

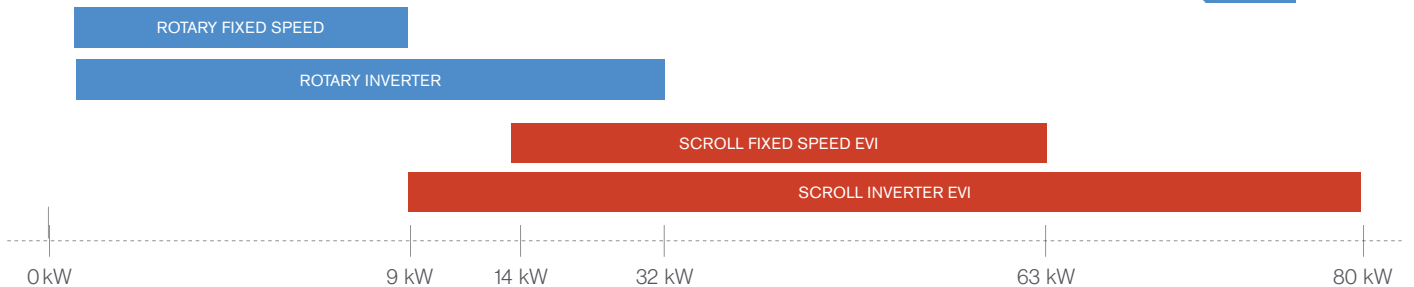
R455A



Rotary (Heating): Tev 7,2°C Tcond 54,4°C
 Scroll (Heating): Tev 7.2°C - Tcon 54.4 °C – 15 rps min/120 rps max for Inverter range

R410A Solutions

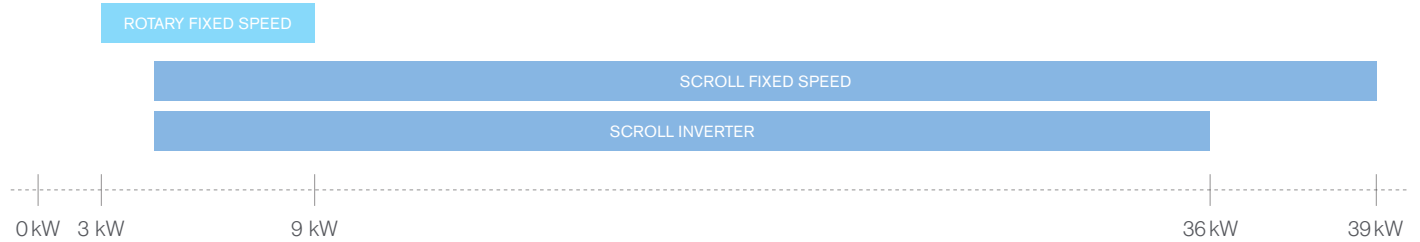
R410A



Rotary (Heating Capacity): Tev 7.2°C - Tcon 54.4°C – 15 rps min/120 rps max for Inverter range
 Scroll (Heating Capacity): Tev 7.2°C - Tcon 54.4°C – 15 rps min/120 rps max for Inverter range
 Scroll EVI: Tev -7°C Tcond 50°C (heating capacity) – 30rps min/90rps max for Inverter range

Product range

R134a - R513A Solutions



Rotary (Heating Capacity): Tev 7,2°C Tcond 54,4°C
 Scroll (Heating Capacity): Tev 7,2°C - Tcon 54,4°C - 20Hz rps min / 80Hz max for Inverter range

R407C Solutions



Rotary (Heating Capacity): Tev 7,2°C Tcond 54,4°C
 Scroll (Heating Capacity): Tev 7,2°C - Tcon 54,4°C - 15 rps min/120 rps max for Inverter range
 Scroll EVI: Tev -7°C Tcond 50°C (heating capacity)

Product range

Inverter

Driver solutions for inverter compressors

INVERTER TECHNOLOGY



AREA - Coolvert
OEM, Housed Inverter



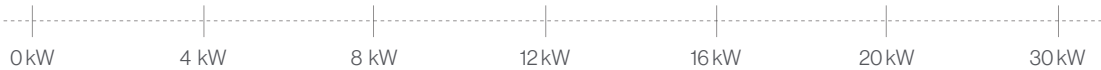
AREA - ECO
Housed Inverter



AREA - SSPM series.
OEM, PCB Board Inverter



AREA - AS570 series.
OEM, PCB Board Inverter



kBTu/h – electrical power supplied to Inverter



Easy online selection with our Calculation Software

Search for your products based on your needs and access the technical information of our compressors in one click, including capacities and working envelopes.



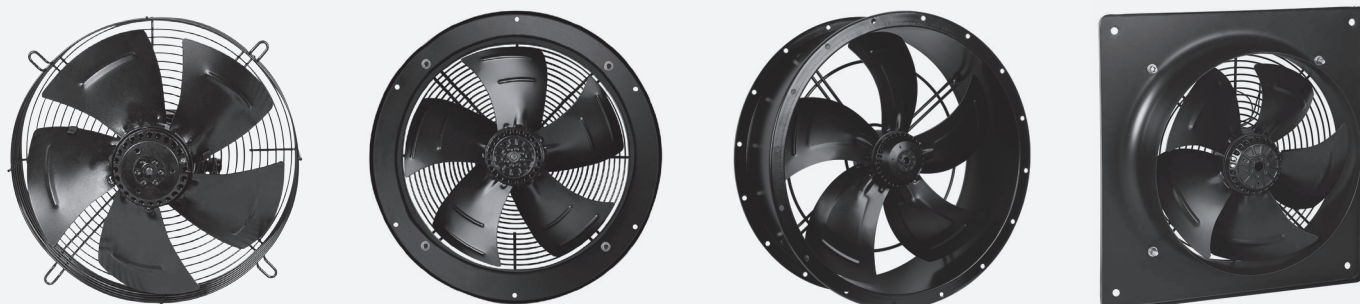
Scan to access

Product range

Fans

Delivery time below 48-72 hours (standard stock models) and just 12 weeks for any other catalogue items!

Scan and
learn more



Our standard range of fans and motors include:

- 250 – 630mm AC Axial Fans (sucking, grid frame version)
- 230V (1-Phase) and 400V (3-Phase) supply
- AC shaded pole and EC motors
- Fan blades and grids up to 300mm diameter

Fans on Request:

- Blowing versions
- Square, cylinder and round-frame versions
- EC axial fans
- DC axial fans

Search engine for cross referencing

Check out our website to find our calculation software and a complete list of all updated equivalent products.

- 1 Go to cross references search engines
- 2 Search for a model
- 3 Find your equivalent
- 4 Consult our product



Sales Engineers and Customer Service

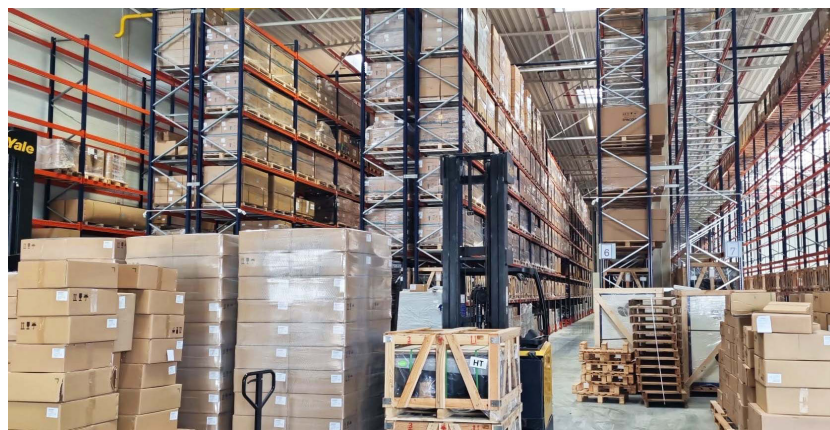
Highly skilled professionals that will assist you in all phases of the project.

In your language. Presential, or via the web, phone, mail, chat and videoconferencing.

Logistics

We manage the logistics chain to make the product widely available in Europe, under EU rules.

3 warehouses in Europe, from one piece to large quantities with a delivery time 48/72 h anywhere in Europe.



We are AREA, the HVAC and Refrigeration Company

Scan the code
And learn more
about who we are



Multilingual, native speaker team



Design and production in the EU



Technical support Field/Online



Application expertise



Spare parts management



areacademy

Since 1986 at your side for HVAC and Refrigeration projects

Sustainability is a core value for AREA; our ranges are designed to help manufacturers comply with F-Gas and energy efficiency regulations.

We understand your business to provide you with the best solutions and improve your product range.

