



Agile inverter series for HVACR

Heat pump, Ventilation, Air Conditioning, Refrigeration

Agile frequency inverter series for HVACR applications

Complete climate control with reliable, compact design and high power density

Bonfiglioli Agile frequency inverters ensure **perfect adaptability**, **energy efficiency** and **extended lifetime** either if you want to operate compressors, pumps or fans.

The Agile series provides high reliability offering specific features tailored to suit your HVACR applications.

Thanks to its design you will benefit of **simple installation** and **commissioning**, **smooth operation** and **easy integration of communication**. Dedicated functions like process controller (temperature, pressure and humidity regulation) and energy saving are available as standards for more added value to your process.



PUMPS



COMPRESSORS



FANS



REFRIGERATION
SYSTEMS

New Agile 15 kW

High power density in an ultra compact design

Customized series variant available to respond to specific customers requirements

Benefits for your HVACR applications

- **User-friendly** thanks to an **easy set up**
- Space saving in the control cabinet thanks to **extreme compactness**
- **Energy efficiency** thanks to system optimized energy requirements and motor's minimized losses
- **Built-in PLC** to adjust easily the machine behavior to the process
- **Preventive maintenance**, keeping the inverter and the system under control, preventing unexpected machine stops
- **Diagnostic analysis** of critical events affecting the inverter and the system
- Flexible custom adaptation to HVACR systems thanks to **sensorless control** of **permanent magnet synchronous motors**
- Embedded **Modbus** and **Systembus/CANopen** communication
- **IoT ready**, thanks to several Ethernet communication options

Technical features

Series	Supported motors	Power range (kW)	Power supply
Agile	Asynchronous (IM) Permanent Magnets (BLDC, PMSM)	0.09 - 3	200/240 V 1-Phase 50/60 Hz
		0.09 - 7.5	200/240 V 3-Phase 50/60 Hz
		0.09 - 11	380/460 V 3-Phase 50/60 Hz
		0.09 - 15	380/460 V 3-Phase 50/60 Hz

HEADQUARTERS

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