

TAURUS G

R454B

Air-cooled water chillers featuring hermetic scroll compressors.
Nominal cooling capacity 72 - 143 kW



The green solution for residential and commercial air conditioning.

The air-cooled water chillers TAURUS G meet the demands of residential and commercial air conditioning applications by their versatility and ease installation. Compliant with the parameters fixed by the ErP Regulation EcoDesign, combining highest levels of seasonal efficiency with lowered environmental impact through the low GWP refrigerant R454B. Thanks to reduced management and installation costs, maximum reliability and environment protection, TAURUS G is the right choice for current and future applications.



Benefits

- Low GWP refrigerant R454B (GWP 466);
- Acoustic configurations SHE and SSN with reduced sound levels;
- High full load efficiency (EER);
- Extended working limits for starting up and operating even in the worst conditions;
- Wide choice of options and kits for simplified installation;
- Eased access to all internal components.

Options

- Low ambient temperature option (down to -20 °C);
- High efficiency EC brushless fans;
- Shell & tube evaporator;
- Single or twin water pump with low or medium head pressure;
- Water accumulation tank;
- Anti-freeze protection heaters for heat exchangers, pump/s and water accumulation tank (if included);
- IN/OUT compressors valves;
- Hydraulic group protection with covering panels or metallic mesh;
- Condenser coils protection with metallic filters or metallic mesh;
- Protective coating for condenser coils, suitable for installation in aggressive environments;
- Soft starters to reduce by 30% the unit's starting current.

Standard features

- Refrigerant R454B;
- Hermetic scroll compressors on single refrigerant circuit;
- Crankcase heater compressor and phase-monitor;
- Plate evaporator;
- Axial fans with die-cast aluminium airfoil blade profiles and AC motors;
- Electrical cabinet protection rating IP54;
- Parametric microprocessor control;
- Electronic expansion valve;
- Air-cooled condensers (copper tubes/aluminium fins) with longitudinal "V" shape layout;
- High and low refrigerant pressure switches;
- Refrigerant pressure gauges.

Kits

- Antivibration mountings;
- Replicated remote user display (LED or LCD configuration);
- RS485 ModBus kit for connection to supervisor systems;
- xWEB300D PRO supervisor system;
- Modularity kit (master/slave configuration from 2 to 5 units).

Acoustic configurations

- HE - Basic acoustic configuration;
- SHE - Low noise acoustic configuration;
- SSN - Very low noise acoustic configuration.

TAG model	030			035			040			050			055			060			065		
Versions	HE	SHE	SSN	HE	SHE	HE	SHE	SSN	HE	SHE	SSN	HE	SHE	SSN	HE	SHE	SSN	HE	SHE	SSN	
Nominal cooling capacity (1) ▼	kW																				
EER (1) ▼	-																				
SEER (2) ▼	-																				
SEPR HT (2) ▼	-																				
Power supply	V/ph/Hz																				
Circuits / Compressors	n°																				
Sound Power (3) ▼	dB(A)																				
Lenght	mm																				
Width	mm																				
Height	mm																				
Operating weight (4)	kg																				

Data declared according to UNI EN 14511, and they refer to units without options which require an electrical feeding source and in nominal working conditions

(1) Evaporator water inlet/outlet temperature 12/7 °C, external air temperature 35 °C;

(2) Data declared in compliance with the European Regulation (EU) 2016/2281 with regard to ecodesign requirements for cooling products and high temperature process chillers;

(3) Sound power is determined on the basis of measurements taken in accordance with the standard ISO 3744;

(4) Operating weight refers to the unit without options, and according to the chosen configuration the weights could vary up to +20%.

▼ Eurovent certified data.



MTA is ISO9001 certified, a sign of its commitment to complete customer satisfaction.



MTA products comply with European safety directives, as recognised by the CE symbol.



MTA participates in the E.C.C. programme for LCP-HP. Certified products are listed on: www.eurovent-certification.com
Eurovent Certification applied to the units:
- Air/Water up to 600 kW
- Water/Water up to 1500 kW

www.mta-it.com

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