

Refrigerating systems and components

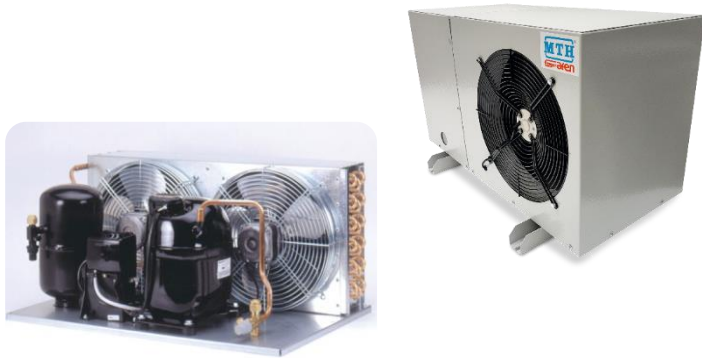
Product lines overview

Refrigerating systems

Refrigeration components

Overview of our refrigerating systems

Standard condensing units



Full range of standard condensing units and silenced condensing units

Custom condensing units & systems



Customized solutions for OEMs

Monoblocks



Monoblocks for counters

Monoblocks for cabinets

Wall-mounted and ceiling monoblocks for cold rooms

100% of our refrigeration products are tested through:
Electric test, System capacity test, Instrumental functioning test, Leakage detection with mass spectrometer



Standard condensing units range

Standard condensing units

UC – UCS- UCSsa range



Valve expansion, Capillary expansion, Capillary to braze expansion

Refrigerants: R452A, R134a, R290

Applications: MHBP (-20 ÷ +10°C) and LBP (-40 ÷ -20°C)

Power range: 1/6 HP – 5.5 HP

Silenced condensing units

Full range – certified noiselessness



Sound level 10m: 35 - 41 dBA

Refrigerant: R452A

Applications: MHBP (-20 ÷ +10°C) and LBP (-40 ÷ -20°C)

Power range: 1 – 6.1 HP



Extremely high degree of customization available: performances, dimensions, cooling fluids, layout, accessories, safety systems.

Monoblocks for counters and cabinets

Monoblock range for counters

MTT 2.0



Refrigerants: R452A, R134a, R290
Applications: HBP (+2 ÷ +8°C), MBP
(-2 ÷ +6°C) and LBP (-20 ÷ -15°C)
Table volume: up to 4 doors

Monoblock range for cabinets

MTA 2.0



Refrigerants: R452A, R134a, R290
Applications: HBP (+2 ÷ +8°C), MBP
(-5 ÷ +5°C) and LBP (-25 ÷ -18°C)
Cabinet volume range: 700 and 1400 l

Monoblocks for cold rooms

Wall-mounted monoblock range

UMZ & UMT



Straddle and through-wall mounting

Refrigerants: R452A, R290

Applications: positive temperature (-5 ÷ +5 °C), low temperature (-25 ÷ -15 °C)

Cold room volume range: 4-48 m³ for positive temperature; 2-39 m³ for low temperature

Ceiling monoblock range

UMS



Refrigerants: R452A

Applications: positive temperature (-5 ÷ +5 °C), low temperature (-25 ÷ -15 °C)

Cold room volume range: 4-48 m³ for positive temperature; 2- 39 m³ for low temperature

Refrigerating products

Refrigeration components

Refrigeration components

Thanks to the partnership with various refrigeration component manufacturers, MTH is able to offer a wide range of products:

Compressors

Fans

Shaded poles and electronic control fan motors

Air cooled condensers

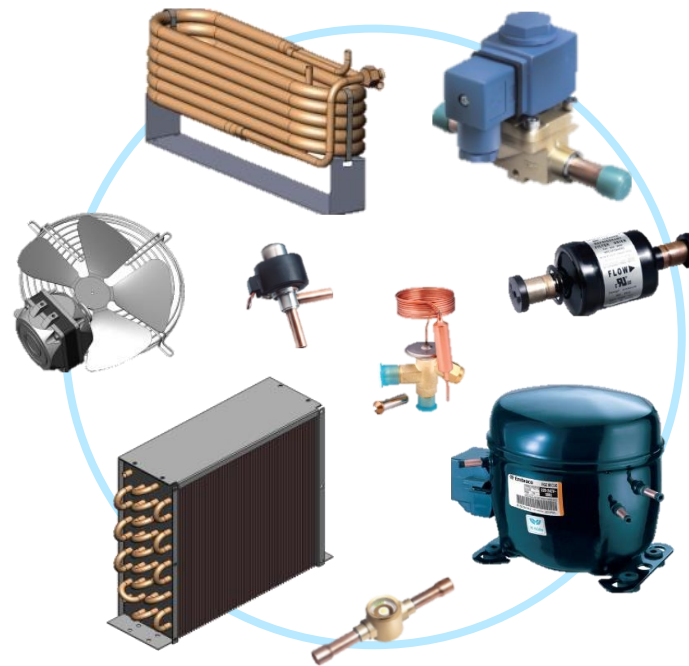
Water cooled condensers

Filters

Thermostatic Valves

Solenoid Valves

Electronic Valves



embraco POWER IN.
CHANGE ON.

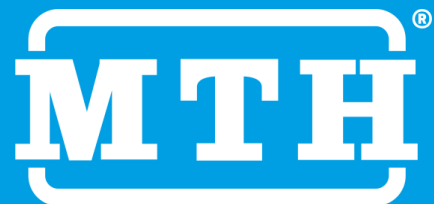
HUAYI
COMPRESSOR
BARCELONA

SECCP

Tecumseh

Maneurop
RECIPROCATING COMPRESSORS

frascold
Since 1936



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