

## Baart

*Baart technology transfer*

### Guntner 047A/1 L(W)

#### Condenser

Manufactured according to quality standard ISO 9001

Performance indications according to EUROVENT

Refrigerant: R404A

Air direction: horizontal (induced draught)

#### Characteristics:

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67.48 0 0 62.23 28.35 504.51 cm /l2 Do Q

#### Condenser coil

Equipped with patented Guntner floating coil principle which, prevents any contact of the refrigerant- bearing tubes with the supporting frame

Core tubes staggered in air flow direction

Tube pattern 25.0 mm

Core tubes made of Copper Ø 10 mm

High performance fins made of aluminium

Fin spacing 2.20 mm

Smaller fin spacing and split fins not accepted due to increased risk of clogging

Collection and distribution header made of Copper

Brazing connection piece made of Copper

Tube system cleaned, dried and filled with dehumidified air (approx. 1 bar overpressure)

For testing purposes, all circuits are fitted with 'Schrader' valves

Leakage through thermal expansion is prevented, thereby maximum operation safety and long life is achieved

#### Casing

Robust, self-supporting construction

Güntner bearing profiles

Casing made of galvanised steel and coated with a weatherproof varnishing

Standard colour RAL 7035 light grey

Covering of copper bows on backside of unit, as protection against damages

#### Axial fans

Drive motor, fan paddles and the fan guard construction form a unit, which is optimal for the air flow

All fans are subject to balance quality Q 6,3 according to VDI 2060

Low-noise, maintenance-free drive motors with protection class IP54 according to DIN 0470

Windings with class F insulation material acc. to DIN VDE 0530

Fans with two speeds, possible through star-delta switching, suitable for stepless speed control by triac, transformer or frequency converter with a sinus controller

Three-phase motors 400 V / 50 Hz

Fan guards according to EN294

Easy-to-service mounting of all axial fans

The built-in thermal contacts must be used as motor protection

#### Technical data

Capacity: 13.0 kW

Kältemittel: R404A

Wärmeträgereintrittstemp.: 75.0 °C

Wärmeträgeraustrittstemp.: 45.0 °C

Condensation temp.: 45.0 °C

Air volume: 3420 m<sup>3</sup>/h

Luft Eintrittstemp.: 32.0 °C

Austauschfläche: 40.3 m<sup>2</sup>

Rohrvolumen: 7.6 l

Number of Fans: 1

Ventilator Durchmesser: 450 mm

Speed: 910 min<sup>-1</sup>

Voltage/Frequency: 230 V/1Ph/50Hz

Current: 0.8 A

Capacity (el.): 0.18 kW

Noise pressure level: 36 dB(A)

at a distance of: 10.0 m

Noise power level: 67 dB(A)

Inlet: 18.0 \* 1.00 mm

Outlet: 16.0 \* 1.00 mm

Length: 850 mm

Width: 795 mm

Height: 895 mm

Dry weight: 61 kg

Producer: Güntner

Typ: GVH 047A/1-L(W)

[Vendor Information](#)