

Type: Condensing units with air cooled condenser and hermetic piston compressor

Producer: ACC

Series: HMBP

Model: CGR22TB_N

General data

| | |
|---|-------|
| Refrigerant: | R134a |
| Compressor's cooling: | F |
| Maximum ambient temperature [°C]: | 43 |
| Maximum permitted pressure [kg / cm ²]: | 20 |

Condenser technical data

| | |
|----------------------------|--------|
| Condenser type: | CU-AL |
| Condenser model: | 11T 4R |
| Fan engine's capacity [W]: | 25 |
| Fan diameter [mm]: | 254 |

Compressor technical data

| | |
|-----------------------------------|---------------|
| Compressor: | GR22TB |
| Displacement [m ³ /h]: | 21,75 |
| Cylinder diameter / stroke [mm]: | 38,10/19,07 |
| Engine type: | CSIR |
| Power supply [V / Hz]: | 220-240/50 |
| Voltage range [V]: | 187-264 |
| Locked rotor current [A]: | 26 |
| Main winding resistance [Ω]: | 2,45 |
| Starting winding resistance [Ω]: | 25,9 |

Versions

| | <u>CGR22TB1N</u> | <u>CGR22TB4N</u> | <u>CGR22TB2N</u> | <u>CGR22TB3N</u> | <u>CGR22TB5N</u> |
|------------------------------|------------------|------------------|------------------|------------------|------------------|
| Receiver volume [l]: | - | - | 1,55 | - | 1,55 |
| Suction line diameter ["]: | 1/2 | 1/2R | 1/2R | 1/2 | 1/2R |
| Discharge line diameter ["]: | 5/16 | 3/8F | 3/8R | 5/16 | 3/8R |

R134a

Cooling capacity [W]

| $t_a \setminus t_e$ | -25 | -10 | 7.2 |
|---------------------------------------|------------|------------|------------|
| 35 | 399 | 915 | 1 634 |

Power input [W]

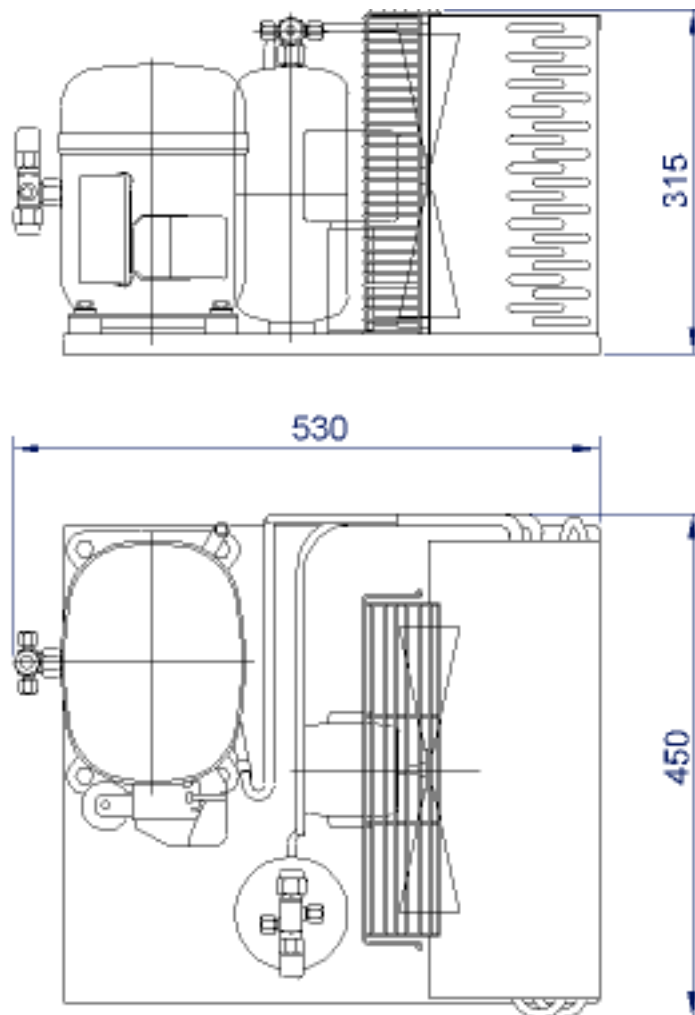
| $t_a \setminus t_e$ | -25 | -10 | 7.2 |
|---------------------------------------|------------|------------|------------|
| 35 | 446 | 640 | 917 |

Test conditions: $f=50$ Hz; 35°C Suction gas return

t_e - Evaporating temperature [$^{\circ}\text{C}$]

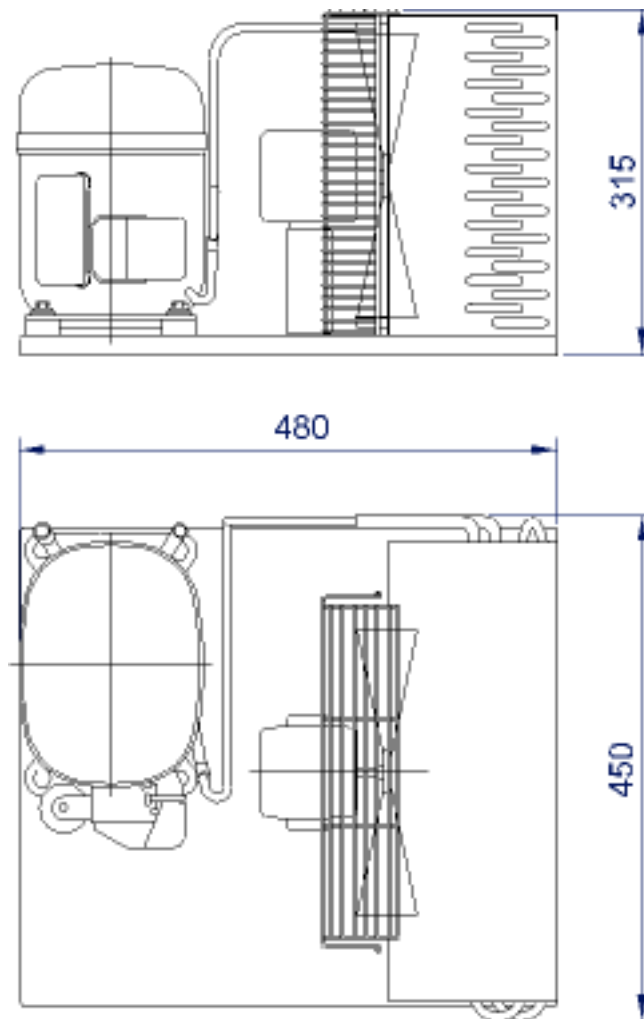
t_a - Ambient temperature [$^{\circ}\text{C}$]

Version 3





Version 4



Version 5

