

**Model: THG1335YGS**
**Product Description**

**Type:** Reciprocating Compressors  
**Application:** LBP - Low Back Pressure  
**Refrigerant:** R-134a  
**Voltage/Frequency:** 220V ~ 60Hz 220V ~ 50Hz  
**Version:** N/A


**Product Specifications**
**Performance**

| Condition | Test Voltage | Refrigeration Capacity |               |          | Input Power<br>(I) W | (E) Efficiency |                |      | EVAP<br>TEMP  | Condition    | AMBIENT<br>TEMP | RETURN<br>GAS | LIQUID<br>TEMP |
|-----------|--------------|------------------------|---------------|----------|----------------------|----------------|----------------|------|---------------|--------------|-----------------|---------------|----------------|
|           |              | (R)<br>Btu/h           | (R)<br>kcal/h | (R)<br>W |                      | (E)<br>Btu/Wh  | (E)<br>kcal/Wh | W/W  |               |              |                 |               |                |
| CECOMAF   | 220V ~ 50HZ  | 233                    | 59            | 68       | 79                   | 2.95           | .74            | .86  | -25°C (-13°F) | 55°C (131°F) | 32°C (90°F)     | 32°C (90°F)   | 55°C (131°F)   |
| ASHRAE    | 220V ~ 60HZ  | 370                    | 93            | 108      | 89                   | 4.16           | 1.05           | 1.22 | -23°C (-10°F) | 54°C (130°F) | 32°C (90°F)     | 32°C (90°F)   | 32°C (90°F)    |
| ASHRAE    | 220V ~ 50HZ  | 315                    | 79            | 92       | 82                   | 3.84           | .97            | 1.13 | -23°C (-10°F) | 54°C (130°F) | 32°C (90°F)     | 32°C (90°F)   | 32°C (90°F)    |

**General**

**Evaporating Temp. Range:** -34.4°C to -12.2°C (-30°F to 10°F)  
**Motor Torque:** Low Start Torque (LST)  
**Compressor Cooling:** Static

**Mechanical**

**Weight:** 8  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 3.4  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 10  
**Oil Charge (cc):** 243

**Electrical**

**Voltage Range (50 Hz):** 180-242  
**Voltage Range (60 Hz):** 187-242  
**Locked Rotor Amps (LRA):** 9.2  
**Rated Load Amps (RLA 50 Hz):** .69  
**Rated Load Amps (RLA 60 Hz):** .64

|   |         |
|---|---------|
| <b>Max. Continuous Current (MCC in Amps):</b> | 0       |
| <b>Motor Resistance (Ohm) - Main:</b>         | 18.85   |
| <b>Motor Resistance (Ohm) - Start:</b>        | 29.8    |
| <b>Motor Type:</b>                            | PTCS_IR |
| <b>Overload Type:</b>                         |         |
| <b>Relay Type:</b>                            |         |

## Agency Approval

IRAM Listed, SGS Listed