



## Model: AHA4518ATZ (TAH4518A)

### Product Description

**Type:** Reciprocating  
**Application:** HBP - High Back Pressure  
**Refrigerant:** R-12  
**Voltage/Frequency:** 440V 3~ 60Hz 400V 3~ 50Hz  
**Version:** N/A

### Product Specifications

#### Performance

| Condition | Test Voltage | Refrigeration Capacity |        |      | Input Power | Efficiency |         |      | EVAP TEMP  | COND TEMP    | AMBIENT TEMP | RETURN GAS  | LIQUID TEMP  |
|-----------|--------------|------------------------|--------|------|-------------|------------|---------|------|------------|--------------|--------------|-------------|--------------|
|           |              | Btu/h                  | kcal/h | W    | W           | Btu/Wh     | kcal/Wh | W/W  |            |              |              |             |              |
| EN12900   | 440V 3~ 60HZ | 16536                  | 4167   | 4845 | 2107        | 7.85       | 1.98    | 2.3  | 5°C (41°F) | 45°C (113°F) | 32°C (90°F)  | 15°C (59°F) | 45°C (113°F) |
| EN12900   | 400V 3~ 50HZ | 14048                  | 3540   | 4116 | 1677        | 8.38       | 2.11    | 2.45 | 5°C (41°F) | 45°C (113°F) | 32°C (90°F)  | 15°C (59°F) | 45°C (113°F) |

#### General

**Evaporating Temp. Range:** -15°C to 15°C (5°F to 59°F)  
**Motor Torque:** High Start Torque (HST)  
**Compressor Cooling:** Fan

#### Mechanical

**Weight:** 30  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 53.2  
**Oil Type:** Mineral  
**Viscosity (cSt):** 68  
**Oil Charge (cc):** 1330

#### Electrical

**Voltage Range (50 Hz):** 340-440  
**Voltage Range (60 Hz):** 396-499  
**Locked Rotor Amps (LRA):** 25  
**Rated Load Amps (RLA 50 Hz):** 3.5  
**Rated Load Amps (RLA 60 Hz):** 3.4  
**Max. Continuous Current (MCC in Amps):** 5  
**Motor Resistance (Ohm) - Main:** 6.3  
**Motor Resistance (Ohm) - Start:** 6.3  
**Motor Type:** 3PH  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

**CE Listed, GOST RUSSIA Listed, GOST UKRAINE  
Listed, IRAM Listed**