



## Model: AHC4518YTZ (TFH4518Y)

### Product Description

**Type:** Reciprocating  
**Application:** HBP - High Back Pressure  
**Refrigerant:** R-134a  
**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	18119	4566	5309	1895	9.56	2.41	2.8	5°C (41°F)	45°C (113°F)	32°C (90°F)	15°C (59°F)	45°C (113°F)
EN12900	400V 3~ 50HZ	15392	3879	4510	1540	9.99	2.52	2.93	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:** 32  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 53.2  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 1480

#### Electrical

**Voltage Range (50 Hz):** N/A  
**Voltage Range (60 Hz):** N/A  
**Locked Rotor Amps (LRA):** 0  
**Rated Load Amps (RLA 50 Hz):** 3.3  
**Rated Load Amps (RLA 60 Hz):** 3.4  
**Max. Continuous Current (MCC in Amps):** 0  
**Motor Resistance (Ohm) - Main:** 6.28  
**Motor Resistance (Ohm) - Start:** 6.28  
**Motor Type:** 3PH  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

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