



## Model: AE4456Y-GS3C (AE4456Y-GS)

### Product Description

**Type:** Reciprocating  
**Application:** HBP - High Back Pressure  
**Refrigerant:** R-134a  
**Voltage/Frequency:** 220V ~ 60Hz 220V ~ 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					
ASHRAE	220V ~ 60HZ	6000	1512	1759	724	8.29	2.09	2.43	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE	220V ~ 50HZ	5200	1310	1524	575	9.04	2.28	2.65	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°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:** 11  
**Weight Unit of Measure:** KG  
**Displacement (cc):** 14.51  
**Oil Type:** Polyolester  
**Viscosity (cSt):** 32  
**Oil Charge (cc):** 387

#### Electrical

**Voltage Range (50 Hz):** 180-242  
**Voltage Range (60 Hz):** 187-242  
**Locked Rotor Amps (LRA):** 17.5  
**Rated Load Amps (RLA 50 Hz):** 2.66  
**Rated Load Amps (RLA 60 Hz):** 3.35  
**Max. Continuous Current (MCC in Amps):** 5.2  
**Motor Resistance (Ohm) - Main:** 3.27  
**Motor Resistance (Ohm) - Start:** 16.94  
**Motor Type:** CSR  
**Overload Type:** N/A  
**Relay Type:** N/A

#### Agency Approval

CCC Listed, CE Listed, SASO Listed, VDE Listed,  
 cURus Recognized