

# Technical Datasheet

## Product Specifications

Performance

6/12/2023

Model: RK5519E-NA3A

### Product Description

**Type:** Rotary Compressors  
**Application:** HBP/AC - Air Conditioning  
**Refrigerant:** R-22  
**Voltage/Frequency:** 208-230V ~ 60Hz  
**Version:** N/A

Tecumseh RK Compressor

Condition	Test Voltage	Refrigeration Capacity		Input Power (E)		Efficiency		W/W	EVAP TEMP	Condition	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		(R) Btu/h	(R) kcal/h	(R) W	(I) W	(E) Btu/Wh	(E) kcal/Wh						
ASHRAE (R-22)	230V ~ 60HZ	18700	4712	5479	1748	10.7	2.7	3.13	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-22)	230V ~ 60HZ	18700	4712	5479	1748	10.7	2.7	3.13	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:** -23.3°C to 12.8°C (-10°F to 55°F)  
**Motor Torque:** Low Start Torque (LST)  
**Compressor Cooling:** Fan

### Mechanical

**Weight:** 36  
**Weight Unit of Measure:** LB  
**Displacement (cc):** 25.8  
**Oil Type:** Synthetic Alkylate  
**Viscosity (cSt):** 55  
**Oil Charge (cc):** 550

### Electrical

**Voltage Range (50 Hz):**  
**Voltage Range (60 Hz):** 187-254  
**Locked Rotor Amps (LRA):** 47  
**Rated Load Amps (RLA 50 Hz):** 0  
**Rated Load Amps (RLA 60 Hz):** 8  
**Max. Continuous Current (MCC in Amps):** 12  
**Motor Resistance (Ohm) - Main:** 1.7  
**Motor Resistance (Ohm) - Start:** 3.36  
**MotorType:** PSC  
**Overload Type:**  
**Relay Type:**

Agency Approval

cURus Recognized