



Model: AVA5542EXT (Discontinued)

Product Description

Compressor Type: Reciprocating

Application: HBP/AC - Air Conditioning

Refrigerant: R-22/R-407C

Voltage/Frequency: 200-220V 3~ 50Hz / 200-230V 3~ 60Hz

Version: AV Series

Specifications

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: 79 LB
- Displacement (cc): 73.271
- Oil Type: Polyolester
- Viscosity (cSt): 32
- Oil Charge (cc): 1624

Electrical

- Locked Rotor Amps (LRA): 74
- Rated Load Amps (RLA 60Hz): 12
- Voltage Range (50Hz): 180-242
- Voltage Range (60Hz): 180-254
- Rated Load Amps (RLA 50Hz): 0
- Max. Continuous Current (MCC in Amps): 20.7
- Motor Resistance (Ohm) - Main: 1.31
- Motor Type: 3PH

Agency Approval

- cURus_RECOGNIZED

Performance

[See all performance data](#)

ASHRAE (R-22)

Test Voltage	220V 3~ 50HZ
(R) Refrigeration Capacity (BTU/h)	36100
(R) Refrigeration Capacity (Kcal/h)	9097
(R) Refrigeration Capacity (W)	10577
Input Power (W)W	3575
(E) Efficiency (BTU/Wh)	10.1
(E) Efficiency (Kcal/Wh)	2.54
(E) Efficiency (W/W)	2.96
EVAP TEMP	7.2°C (45°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	35°C (95°F)
LIQUID TEMP	46°C (115°F)

ASHRAE (R-22)

Test Voltage	230V 3~ 60HZ
(R) Refrigeration Capacity (BTU/h)	42500
(R) Refrigeration Capacity (Kcal/h)	10710
(R) Refrigeration Capacity (W)	12453
Input Power (W)W	4130
(E) Efficiency (BTU/Wh)	10.29
(E) Efficiency (Kcal/Wh)	2.59
(E) Efficiency (W/W)	3.02
EVAP TEMP	7.2°C (45°F)
COND TEMP	54°C (130°F)
AMBIENT TEMP	35°C (95°F)
RETURN GAS	35°C (95°F)
LIQUID TEMP	46°C (115°F)

Item

AV145RT-035-J7 (Discontinued)

AV145RH-035-J7 (Inactive)

AV145RT-001-J7 (Inactive)

AV145RT-012-A2 (Inactive)

AV145RT-012-A21 (Inactive)

AV145RT-012-A4 (Inactive)

AV145RT-012-J7 (Inactive)

AV145RT-012-M7 (Inactive)

AV145RT-012-S7 (Inactive)

AV145RT-035-A4 (Inactive)

AV145RT-035-A4Y (Inactive)

AV145RT-035-B4 (Inactive)

AV145RT-035-S7 (Inactive)