

Condensing Unit

Model : TH050LR404A3



FEATURES / BENEFITS

- Blue anti-corrosion-fin increases the life span of the coil.
- Seamless inner groove copper tube increases the heat exchange rate by reducing the space between the fin and copper tube.
- Highest quality compressor in the world.
- Control box is designed for easy installation.
- Low pressure control is adjustable.
- All the parts are compliant with industry standards and interchangeable with readily available parts.
- Wiring : Easily accessible. Compressor comes with a wiring harness that is manufactured with connections that will not come loose with vibration.
- Head pressure control stabilizes the freezing of liquid line, minimizes formation of flash gas to increase efficiency of the system, and prevents compressor damage by controlling high pressure.
- Control box and service valves are located outside for easy service.
- Experienced engineers have designed the system for maximum efficiency.
- Base : Heavy duty steel. Legs are 2-1/6" tall
- Fan Blades : Specifically matched with motors and coil for maximum air movement and cooling.
- Cabinet : Prepainted with galvanized body. Protects against corrosion.
- All products carry UL, cUL, ISO 9001 approvals.



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PERFORMANCE CHART

| | 40°F(SST) | 30°F | 25°F | 20°F | 0°F | -10°F | -20°F | -25°F |
|---------------|------------|-------|-------|-------|-------|-------|-------|-------|
| 90°F(AMBIENT) | - | 49470 | 45010 | 40420 | 24860 | 18110 | 14300 | 10500 |
| 95°F | - | 46670 | 42460 | 38130 | 23450 | 17080 | 13490 | 9900 |
| 100°F | - | 43860 | 39910 | 35840 | 22050 | 16050 | 12690 | 9310 |
| 110°F | - | 39870 | 35920 | 32070 | 18230 | 12840 | 10150 | 7450 |

R404A

SPECIFICATION

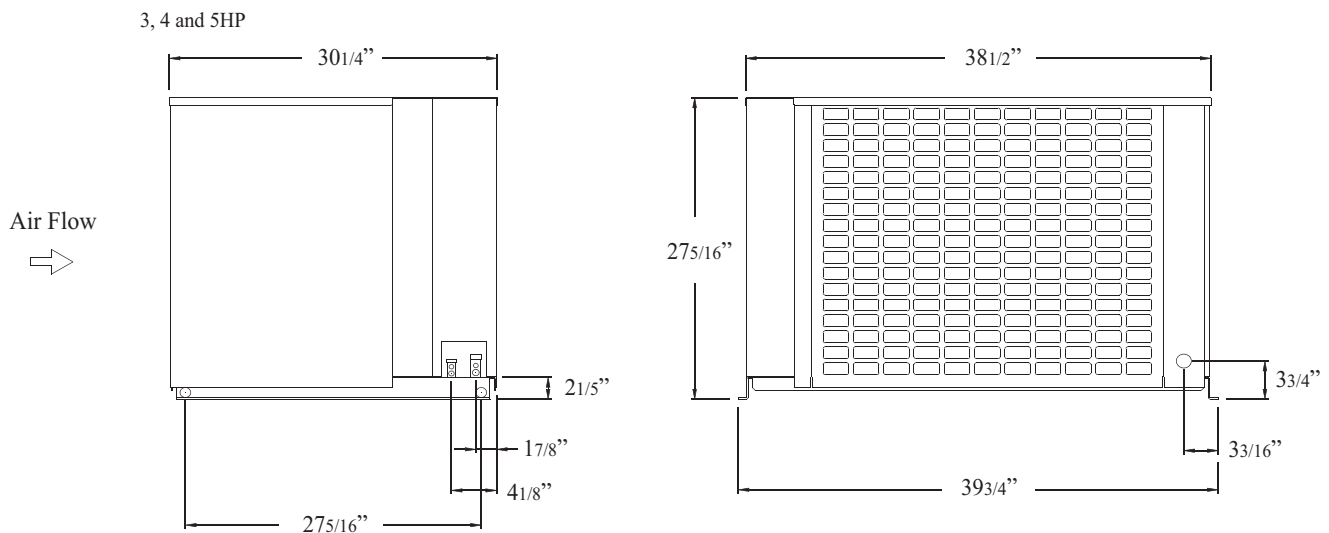
| | TH050LR404A3 |
|----------------------------|-------------------------------|
| Compressor | CS33K6E-TF5 |
| Line Size | 1/2" Liquid 1-1/8" Suction |
| Refrigerant (Receiver 90%) | 18 lbs |
| Fan Data | 1 Fan (3760CFM) |
| Dimensions | 30.28(D) x 38.5(W) x 27.28(H) |
| Net Weight | 292 lbs |
| Power Supply | 208-230/3ph/60hz |
| Compressor Amp | 18.7(RLA), 102(LRA) |
| MCA/MOPD | 25.6/40 |
| Sound dBA | 40/71 |

Design and specifications subject to change without notice

- **WARRANTY :** 1 Year Compressor Warranty (4 Year extended warranty available)
1 Year Fan Motor and Parts Warranty

(unit : inch)

PLAN VIEW



Ver.20180606



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