



R-454B VALUE SERIES

Up to 15.2 SEER2

Up to 7.5 HSPF2



www.refricenter.net 7101 NW 43rd Street, Miami, FL 33166
305-477-8880 info@refricenter.net



CONDENSING UNIT

R-454B 14.3 SEER2

Cooling Only & Heat Pump Models

STATE OF FLORIDA
WIND LOAD APPROVAL



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Multi-Position
**AIR HANDLER
UNIT**

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Features



Insulated Cabinet



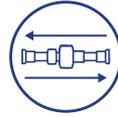
Hydrophilic Aluminium Foil



ECM Motor & Blower



Leakage Sensor



Expansion Device



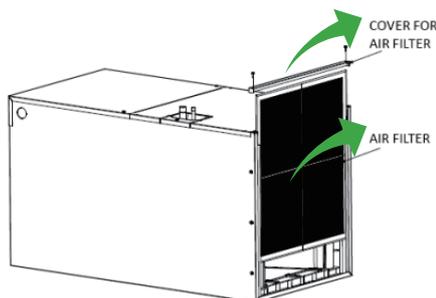
Air Filter

SPECIFICATIONS / ESPECIFICACIONES

| Model | | CTA515C001A | CTA515C002A | CTA515C003A | CTA515C004A | CTA515C005A | CTA515C006A | CTA515C007A | |
|---------------------------------|-------------------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Power Supply | ~ | 208-230V 1Ph 60Hz | | | | | | | |
| Indoor external static pressure | Pa | 145 | 145 | 145 | 145 | 145 | 145 | 145 | |
| Throttle type | -- | Piston | Piston | Piston | Piston | Piston | Piston | Piston | |
| MCA | A | 4 | 4 | 5 | 5 | 7 | 7 | 7 | |
| MOCp | A | 6 | 6 | 6 | 6 | 10 | 10 | 10 | |
| Indoor fan motor | Type | -- | ECM | ECM | ECM | ECM | ECM | ECM | |
| | Rate current | A | 2.6 | 2.6 | 3.8 | 3.8 | 5.4 | 5.4 | |
| | Input | W | 142.4 | 142.4 | 245.9 | 245.9 | 249.3 | 249.3 | |
| | Output | W | 249 | 249 | 373 | 373 | 560 | 560 | |
| | Speed (Hi/Me Hi/Me /Me lo/Lo) | RPM | 643/593/556/476/412 | 643/593/556/476/412 | 760/718/662/610/548 | 760/718/662/610/548 | 977/833/760/683/610 | 977/833/760/683/610 | 977/833/760/683/610 |
| Blower | Diameter | In | 12.3" | 12.3" | 12.3" | 12.3" | 12.3" | 12.3" | |
| | Width | In | 12.9" | 12.9" | 12.9" | 12.9" | 12.9" | 12.9" | |
| Indoor air flow | CFM | 770 | 785 | 975 | 1,030 | 1,330 | 1,490 | 1,700 | |
| Indoor noise level | dB(A) | 50 | 54 | 56 | 56 | 59 | 59 | 60 | |
| Indoor dimension | Unit (WxHxD) | In | 19.6" × 46.8" × 22.0" | 19.6" × 46.8" × 22.0" | 20.6" × 46.8" × 22.0" | 20.6" × 46.8" × 22.0" | 22.0" × 53.1" × 24.5" | 22.0" × 53.1" × 24.5" | 22.0" × 53.1" × 24.5" |
| | Packing (WxHxD) | In | 23" × 48" × 26" | 23" × 48" × 26" | 23" × 48" × 26" | 23" × 48" × 26" | 28" × 55" × 25" | 28" × 55" × 25" | 28" × 55" × 25" |
| | Net / Gross weight | lbs | 123 / 135 | 123 / 135 | 132 / 140 | 132 / 140 | 159 / 172 | 159 / 172 | 170 / 183 |

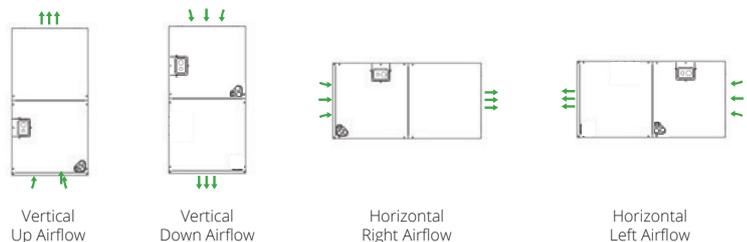
Optional Air Filter

The detachable air filter is optional for cleaning or renewal, designed to provide fresh and healthy air indoors.



Multi-Position Installation

Versatile 4-way convertible design for vertical up airflow, vertical down airflow*, horizontal left airflow* and horizontal right airflow.



*: Vertical down airflow and Horizontal left airflow are optional.



Front Return

AIR HANDLER UNIT

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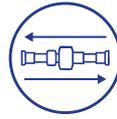
Features



Insulated Cabinet



Hydrophilic Aluminium Foil



Expansion Device



ECM Torque Motor



Leakage Sensor



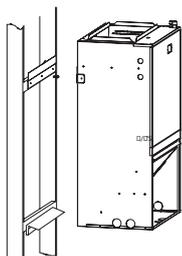
Copper Tube

SPECIFICATIONS / ESPECIFICACIONES

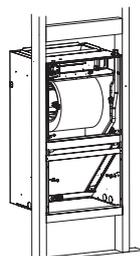
| Model | | CTFRA515C001A | CTFRA515C002A | CTFRA515C003A | CTFRA515C004A | |
|--------------------|------------------------|-------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Power Supply | ~ | 208-230V 1Ph 60Hz | | | | |
| MCA | A | 4 | 4 | 5 | 5 | |
| MOCP | A | 6 | 6 | 6 | 6 | |
| Indoor fan motor | Type | -- | ECM | ECM | ECM | ECM |
| | Rate current | A | 2.6 | 2.6 | 3.8 | 3.8 |
| | Output | W | 249 | 249 | 373 | 373 |
| | Speed | rpm | 1,050 | 1,050 | 1,050 | 1,050 |
| Indoor air flow | CFM | 610 | 610 | 970 | 970 | |
| Indoor noise level | dB(A) | 51 | 51 | 53 | 54 | |
| Throttling type | -- | Piston | Piston | Piston | Piston | |
| Electric heater | kW | 5/7.5 | 5/7.5/10 | 5/7.5/10 | 5/7.5/10 | |
| Indoor dimension | Unit dimension (WxDxH) | In | 20.5" × 15.0" × 36.5" | 20.5" × 15.0" × 36.5" | 22.0" × 19.0" × 39.5" | 22.0" × 19.0" × 39.5" |
| | Packing (WxDxH) | In | 24" × 18" × 40" | 24" × 18" × 40" | 25" × 22" × 42" | 25" × 22" × 42" |
| | Net / Gross weight | lbs | 81 / 91 | 81 / 91 | 105 / 117 | 105 / 117 |

Flexible Installation

Wall or stud mounted methods can be quickly and flexibly selected according to actual project requirements.



Wall Mount



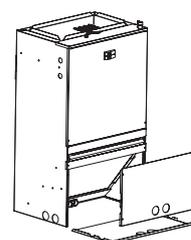
Stud Mount

Easy Air Return Style Adjustment

Factory standard front return, convertible to bottom return by removing base pan panel to front side.



Front Return



Base Pan Removing



Bottom Return