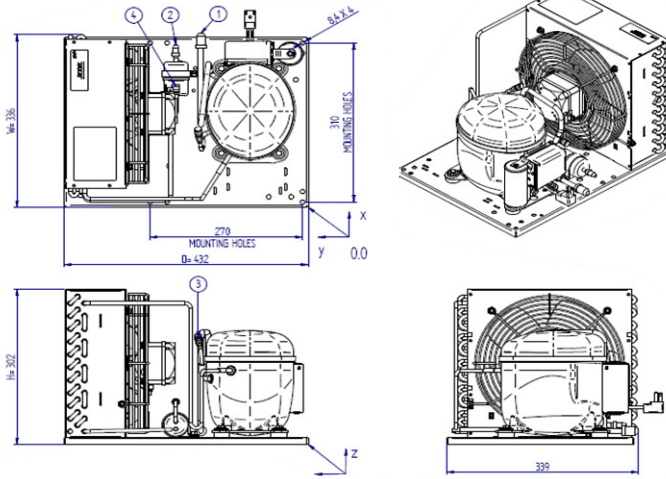


OP-HCYC0033RC0002B

Air Cooled Condensing Unit
R448A/R449A 115V / 60 Hz / 1 Ph
114N2115



General Assembly Drawing



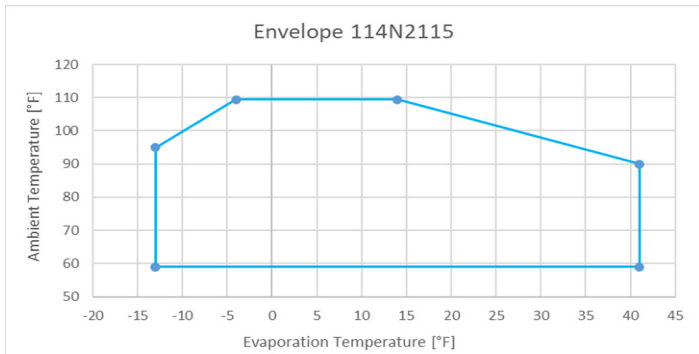
Unit Details

| | |
|--|---------------------------|
| Unit code | 114N2115 |
| Customer Reference code | NA |
| Unit Model | OP-HCYC0033RC0002B |
| Compressor Model | MLT12RR |
| Refrigerant | R448A/R449A |
| Application | HBP/MBP |
| Power Supply | 115V / 60 Hz / 1 Ph |
| Evaporating Range | From -13°F to 41°F* |
| Unit Dimensions (W x D x H) | 13.2 in * 17 in * 11.9 in |
| Unit weight (Lb) | 64.9 |
| Compressor Code | 123B2547 |
| Condenser Code | 119-5644 |
| Rated* Cooling capacity (kw) | - |
| Power consumption (kw) | - |
| COP (w/w) | - |
| *Rated Conditions EN13215 (MBP) | |
| Evaporating Temperature | - |
| Ambient Temperature | - |
| Subcooling | - |
| Return Gas Temperature | - |

Performance Details (SH=10K/ SC=0K)

| Ambient (°F) | Evaporating Temperature (°F) | -10 | -5 | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 |
|--------------|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 80 | Cooling Capacity [KW] | 0.745 | 0.797 | 0.870 | 0.948 | 1.052 | 1.161 | 1.287 | 1.420 | 1.563 | 1.712 |
| | Cooling Capacity [BTU/Hr.] | 2541 | 2719 | 2968 | 3235 | 3590 | 3960 | 4391 | 4845 | 5334 | 5843 |
| | Power Consumption [W] | 473 | 512 | 553 | 595 | 641 | 687 | 737 | 787 | 838 | 892 |
| | EER (BTU-Hr./ Watts) | 5.368 | 5.314 | 5.364 | 5.44 | 5.598 | 5.764 | 5.961 | 6.161 | 6.362 | 6.553 |
| | Condensing Temperature [°F] | 112.8 | 114.5 | 116.8 | 119.4 | 122.5 | 125.8 | 129.6 | 133.4 | 137.4 | 141.5 |
| 90 | Cooling Capacity [KW] | 0.659 | 0.715 | 0.790 | 0.871 | 0.975 | 1.083 | 1.207 | 1.336 | 1.475 | - |
| | Cooling Capacity [BTU/Hr.] | 2248 | 2438 | 2696 | 2971 | 3326 | 3695 | 4118 | 4560 | 5031 | - |
| | Power Consumption [W] | 494 | 533 | 575 | 617 | 664 | 710 | 760 | 810 | 861.9 | - |
| | EER (BTU-Hr./ Watts) | 4.551 | 4.577 | 4.686 | 4.816 | 5.006 | 5.202 | 5.417 | 5.629 | 5.838 | - |
| | Condensing Temperature [°F] | 120.5 | 122.4 | 124.8 | 127.5 | 130.7 | 134.0 | 137.7 | 141.4 | 145.3 | - |
| 95 | Cooling Capacity [KW] | 0.617 | 0.674 | 0.751 | 0.833 | 0.936 | 1.044 | 1.166 | 1.294 | - | - |
| | Cooling Capacity [BTU/Hr.] | 2105 | 2301 | 2562 | 2841 | 3195 | 3562 | 3980 | 4415 | - | - |
| | Power Consumption [W] | 505 | 544 | 587 | 629 | 676 | 722 | 772 | 822.2 | - | - |
| | EER (BTU/ Watts-Hr) | 4.169 | 4.231 | 4.366 | 4.52 | 4.724 | 4.931 | 5.153 | 5.37 | - | - |
| | Condensing Temperature [°F] | 124.4 | 126.3 | 128.8 | 131.5 | 134.7 | 138.1 | 141.7 | 145.4 | - | - |
| 100 | Cooling Capacity [KW] | 0.577 | 0.636 | 0.713 | 0.795 | 0.898 | 1.005 | 1.125 | - | - | - |
| | Cooling Capacity [BTU/Hr.] | 1969 | 2170 | 2434 | 2713 | 3065 | 3429 | 3839 | - | - | - |
| | Power Consumption [W] | 514 | 554 | 597 | 639 | 687 | 733 | 783.4 | - | - | - |
| | EER (BTU/ Watts-Hr) | 3.828 | 3.919 | 4.075 | 4.247 | 4.461 | 4.677 | 4.9 | - | - | - |
| | Condensing Temperature [°F] | 128.2 | 130.2 | 132.8 | 135.5 | 138.7 | 142.0 | 145.6 | - | - | - |
| 105 | Cooling Capacity [KW] | - | 0.592 | 0.676 | 0.758 | 0.860 | - | - | - | - | - |
| | Cooling Capacity [BTU/Hr.] | - | 2021 | 2306 | 2586 | 2936 | - | - | - | - | - |
| | Power Consumption [W] | - | 565 | 609 | 650 | 699 | - | - | - | - | - |
| | EER (BTU/ Watts-Hr) | - | 3.578 | 3.789 | 3.978 | 4.201 | - | - | - | - | - |
| | Condensing Temperature [°F] | - | 134.3 | 136.7 | 139.5 | 142.7 | - | - | - | - | - |

Envelope Map



Spare Part

| | |
|------------------------------|-------------|
| Compressor | 123B3165 |
| Condenser | 119-9260 |
| Fan Motor | 119-5663 |
| Fan Blade | 119-5672 |
| Filter Drier | 023Z8129 |
| Compressor - Relay | 123B9143 |
| Compressor - Protector | 123B9494 |
| Compressor - Start Capacitor | 123B9329 |
| Compressor - Run Capacitor | 123B9221 |
| Packing Format | Single Pack |
| Quantity | 1 |
| Revision | AA |
| Date | May 9, 2023 |