

Job Name:

Location:

Engineer:

Submitted to:

Submitted by:

Reference:

Date:

Approval:

Construction:

Unit #:

Drawing #:



Performance and efficiency

| Cooling | | Heating | |
|------------------------|-----------|-----------------------|------|
| 54,000 (13,700~58,000) | | 59,000(10,000~66,100) | |
| SEER/SEER2 | 15.2/15.2 | COP | 3.36 |
| EER/EER2 | 10/10 | HSPF4/HSPF2-4 | 9.2 |
| | | HSPF5/HSPF2-5 | 7.7 |

Operational temperature

| Indoor | | Outdoor | |
|---------|---------|-----------|---------|
| Cooling | Heating | Cooling | Heating |
| 60~90 | 32~86 | -22 ~ 122 | -22~75 |



This warranty should be registered on our website www.cooperandhunter.us within 60 days of installation. The warranty is only valid when installed by a Licensed HVAC Technician. A warranty period of Seven (7) years on compressor to the original registered end-user. A warranty period of Five (5) years on all parts to the original registered end-user. Warranty applies only to products remaining in their original installation location.

INDOOR UNIT FEATURES:

- ♦ Auto restart function
- ♦ Quiet operation
- ♦ Multiple fan speeds
- ♦ Auxiliary heater
- ♦ Turbo mode
- ♦ Adjustable static pressure
- ♦ Multi position
- ♦ Anti-cold air function
- ♦ Fast cool/heat function
- ♦ Aluminium coil
- ♦ WIFI ready
- ♦ Intelligent air flow
- ♦ Refrigerant leak detect
- ♦ Sleep mode
- ♦ Gold fin

OUTDOOR UNIT FEATURES:

- ♦ Inverter technology
- ♦ Variable speed (fan motor & compressor)
- ♦ Heating operation in temperatures to -13 °F
- ♦ 3-Minute restart delay
- ♦ Self-diagnosis
- ♦ Drain pan heater and compressor heating belt
- ♦ Auto restart function
- ♦ Defrost
- ♦ High-efficiency pipes
- ♦ High-frequency racer technology
- ♦ Intelligent dusting switch
- ♦ Gold fin

INCLUDED ACCESSORIES:

- ♦ Wireless remote
- ♦ Wall thermostat

| Indoor Model | | | CH-RS60LCAHU |
|---|----------------------|-----------|---|
| Power supply | | V, Ph, Hz | 208-230V, 1Ph, 60Hz |
| Voltage range | | V | 187-253 |
| Connection wiring | | | AWG 20-2 |
| Cooling | Capacity | Btu/h | 54,000 (13,700~58,000) |
| | Input | w | 5,400 (1,410~6,680) |
| | Rated current | A | 24 (6.8~29.9) |
| | EER/EER2 | Btu/w | 10 / 10 |
| | SEER/SEER2 | Btu/w | 15.2 / 15.2 |
| Heating at 47 °F | Capacity | Btu/h | 59,000(10,000~66,100) |
| | Input | kW | 5,146 (770~5,650) |
| | Rated current | A | 21.8 (4.2~25) |
| | COP | W/W | 3.36 |
| | HSPF4/HSPF2-4 | Btu/w | 9.2 |
| | HSPF5/HSPF2-5 | Btu/w | 7.7 |
| Min. circuit ampacity | | A | 11 |
| Max. fuse | | A | 15 |
| Indoor fan motor | Qty | | 1 |
| | Output | w | 750 |
| | RLA | A | 8.3 |
| Indoor air flow (Turbo/Hi/Med/Lo) (No duct) | | CFM | 1,807 / 1,553.9 / 1,353.8 / 724 |
| ESP | Range | ln.wg. | 0-0.8 |
| Indoor noise level (Hi/Med/Lo) | | dB(A) | 53/48/33.5 |
| Dehumidification | | pnt/h | 11.94 |
| Indoor unit | Dimensions (WxDxH) | in | 24.49 x21.02 x 52.99 |
| | Packing (WxDxH) | in | 27.95 x 26.77 x 56.50 |
| | Net/Gross weight | lbs | 164.02/189.82 |
| Drainage water pipe diameter | | in | 3/4" |
| Refrigerant piping | Liquid side/Gas side | in | 3/8"/3/4" |
| Controller | | | wire controller + remote controller available |
| Room temperature | Cooling | F | 60~90 |
| | Heating | F | 32~86 |

| Outdoor Model | | CH-RHP60LCU-230VO | |
|-------------------------------|--------------------------|-------------------|-----------------------|
| Power supply | | V, Ph, Hz | 187-253 |
| Min. circuit ampacity | | A | 44 |
| Max. fuse | | A | 45 |
| Compressor | Model | | EKPQ440D1UMUB |
| | Type | | TWIN-ROTARY |
| | Brand | | GMCC |
| | Capacity | Btu/h | 42,780 |
| | Input | W | 3,430 |
| | Refrigerant oil | oz | VG75 44 |
| Outdoor fan motor | Qty | | 2 |
| | Output | W | 85 |
| | RLA | A | 2.2 |
| | Speed | r/min | 850/750/650 |
| Outdoor air flow (Max) | | CFM | 4,237.9 |
| Outdoor noise level (Max) | | dB(A) | 62 |
| Outdoor unit | Dimensions (WxDxH) | in | 37.48 x 16.34 x 52.48 |
| | Packing (WxDxH) | in | 43.11 x 19.49 x 58.27 |
| | Net/Gross weight | lbs | 230.38/261.69 |
| Refrigerant | Type/Quantity | oz | R454B / 151.68 |
| Refrigerant precharge | | ft | 25 |
| Additional charge for each ft | | oz | 0.32 |
| Refrigerant piping | Liquid side/Gas side | in | 3/8"/3/4" |
| | Max. pipe length | ft | 246 |
| | Max. difference in level | ft | 98.4 |
| Ambient temperature | Cooling | F | -22 ~ 122 |
| | Heating | F | -22~75 |



