



WATCH OUR
INFORMATIONAL
VIDEO



OUTDOOR

Outdoor Model

CH-RHP18-230VO

CH-RHP24-230VO

CH-RHP36LCU-230VO

CH-RHP48LCU-230VO

CH-RHP60LCU-230VO

CH-RES18-230VO

CH-RES24-230VO

CH-REL30-230VO

CH-R36LCU-230VO

CH-R48LCU-230VO

CH-R60LCU-230VO

Power Supply

Rated

V, Ph, Hz

208-230, 1, 60

208-230, 1, 60

208-230, 1, 60

208-230, 1, 60

208-230, 1, 60

208-230, 1, 60

208-230, 1, 60

208-230, 1, 60

208-230, 1, 60

208-230, 1, 60

208-230, 1, 60

Voltage range

V

187-253

187-253

187-253

187-253

187-253

187-253

187-253

187-253

187-253

187-253

Rated Current

A

9.1

8.7

13.4

22

24

6.7

9.3

12.5

17.4

21.5

25.5

Rated Capacity Range

Btu/h

6,000~20,400

7,500~27,000

5,700~36,400

7,300~55,500

13,700~58,000

5,600~20,400

6,700~29,600

9,200~34,000

8,900~38,200

9,500~52,000

21,800~57,300

EER2

12

12

11.7

10

10

12.1

11.7

11

9

10

9.5

SEER2

18

18.7

17.2

17

15.2

18.5

19.7

17

15.8

17.7

16

Rated Capacity Range

Btu/h

5,000~21,600

8,800~29,000

9,500~44,000

9,500~65,000

10,000~66,100

5,500~21,800

5,800~33,800

8,500~33,000

6,400~43,000

11,700~60,000

11,800~60,300

COP

W/W

3.64

3.5

3.39

3.5

3.36

3.60

3.53

3.60

3.36

3.5

3.44

HSPF4

10

10

9.5

10.2

9.2

9.8

9

8.7

9.3

10

9.1

HSPF5

8.3

8

8

8.1

7.7

7.7

7.3

7

7.3

7.7

7.2

Heating at 5°F (-15°C)

Rated Capacity

Btu/h

18,000

23,600

38,000

46,000

53,000

13,000

18,000

20,400

24,200

35,200

35,400

Minimum Circuit Ampacity (MCA)

A

19

24.9

38

44

44

18

24

28

33

39

42

Max. Fuse

A

20

25

40

45

45

20

25

30

35

40

45

Outdoor Air Flow (Max.)

CFM

1,765.8

2,236.7

3,001.9

4,237.9

4,237.9

1,765.8

2,236.7

2,236.7

2,413.3

4,237.9

4,237.9

Outdoor Noise Level

dB(A)

59

61.5

65.5

65

62

56.5

58.5

61

62.5

65

62.5

Outdoor Unit

Dimension (WxDxH)

inch

35.04x13.46x26.50

37.24x16.14x31.89

38.58x16.34x38.39

37.48x16.34x52.48

37.48x16.34x52.48

35.04x13.46x26.50

37.24x16.14x31.89

37.24x16.14x31.89

37.24x16.14x31.89

37.48x16.34x52.48

37.48x16.34x52.48

Packing (WxDxH)

inch

39.17x15.67x29.13

42.91x19.68x34.84

45.08x19.68x42.52

43.11x19.49x57.48

43.11x19.49x58.27

39.17x15.67x29.13

42.91x19.68x34.84

42.91x19.68x34.84

42.91x19.68x34.84

43.11x19.49x57.48

43.11x19.49x58.27

Net/Gross Weight

lbs.

99.87/107.80

130.29/141.31

206.57/237.44

208.78/239.86

230.38/261.69

92.59/100.31

122.13/132.28

142.86/154.54

152.34/162.48

208.78/239.86

209.44/240.08

Refrigerant Type/Quantity

oz.

R454B/55.38

R454B/63.49

R445B/126.99

R445B/126.99

R445B/151.68

R454B/47.97

R454B/70.55

R454B/84.66

R454B/91.71

R454B/126.99

R454B/144.62

Refrigerant Precharge

ft.

25

25

25

25

25

25

25

25

25

25

25

Additional Charge for each ft.

oz./ft.

0.16

0.32

0.32

0.32

0.32

0.16

0.32

0.32

0.32

0.32

0.32

Design Pressure

PSIG

550/340

550/340

550/340

550/340

550/340

550/340

550/340

550/340

550/340

550/340

550/340

Refrigerant piping Liquid side/Gas Side

inch

1/4" / 1/2"

3/8" / 5/8"

3/8" / 3/4"

3/8" / 3/4"

3/8" / 3/4"

1/4" / 1/2"

3/8" / 5/8"

3/8" / 5/8"

3/8" / 3/4"

3/8" / 3/4"

3

MULTI-POSITION AIR HANDLER UNIT



**Horizontal
Installation**



**Vertical
Installation**

The multi-position air handler units have a rating of up to 19.7 SEER2. With the new Inverter Technology used by our outdoor condenser units, the energy efficiency provided by C&H's Air Handlers are a great benefit to homeowners.

ELECTRIC HEATERS

OPTIONAL AUXILIARY HEATER

The Auxiliary Heater is an optional feature that can be purchased separately as a back-up heating option for indoor units in case of an emergency or when the primary heating system is not working.



GROUPED HEATER CONTROL FOR MORE PRECISE TEMPERATURE

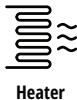
	5kW heater	10kW heater	15kW heater	20kW heater
AHU Capacity	One group	One group	Two groups	Two groups
	10KW+5KW	10KW+5KW	10KW+5KW	10KW+10KW
	W1 on 5KW	W1 on 10KW	W1 on 10KW	W1 on 10KW
Model	CH-NREH05KW	CH-NREH10KW	CH-NREH15KW	CH-NREH20KW
18K(AHU)	Y	Y	-	-
24K(AHU)	Y	Y	Y	-
30K(AHU)	Y	Y	Y	Y
36K(AHU)	Y	Y	Y	Y
48K(AHU)	-	Y	Y	Y
60K(AHU)	-	Y	Y	Y

	Power	1.5 ton (18,000 BTU/h)	2 ton (24,000 BTU/h)	3 ton (36,000 BTU/h)	4 ton (48,000 BTU/h)	5 ton (60,000 BTU/h)	6 ton (72,000 BTU/h)
Electric Heater	Model	CH-RS18MAHU	CH-RS24MAHU	CH-RS30MAHU	CH-RS36LCAHU	CH-RS48LCAHU	CH-RS60LCAHU
	5KW	Y	Y	Y	Y	-	-
	10KW	Y	Y	Y	Y	Y	Y
	15KW	-	Y	Y	Y	Y	Y
	20KW	-	-	Y	Y	Y	Y

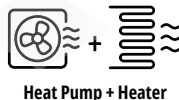
THREE HEATING MODES AVAILABLE FOR DIFFERENT APPLICATIONS



Heat Pump



Heater



Heat Pump + Heater

TECHNICAL SUPPORT
cooperandhunter.us | 786-953-6706

MULTI-POSITION AIR HANDLER UNIT

SINGLE & MULTI-ZONE COMPATIBLE AIR CONDITIONER

Your actual Inverter Heat Pump system and related devices may differ from images shown in this specification sheet. Test conditions are based on AHRI 210/240. Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or change specifications or designs at any time without incurring obligations.

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SCAN HERE FOR AHU MODELS

