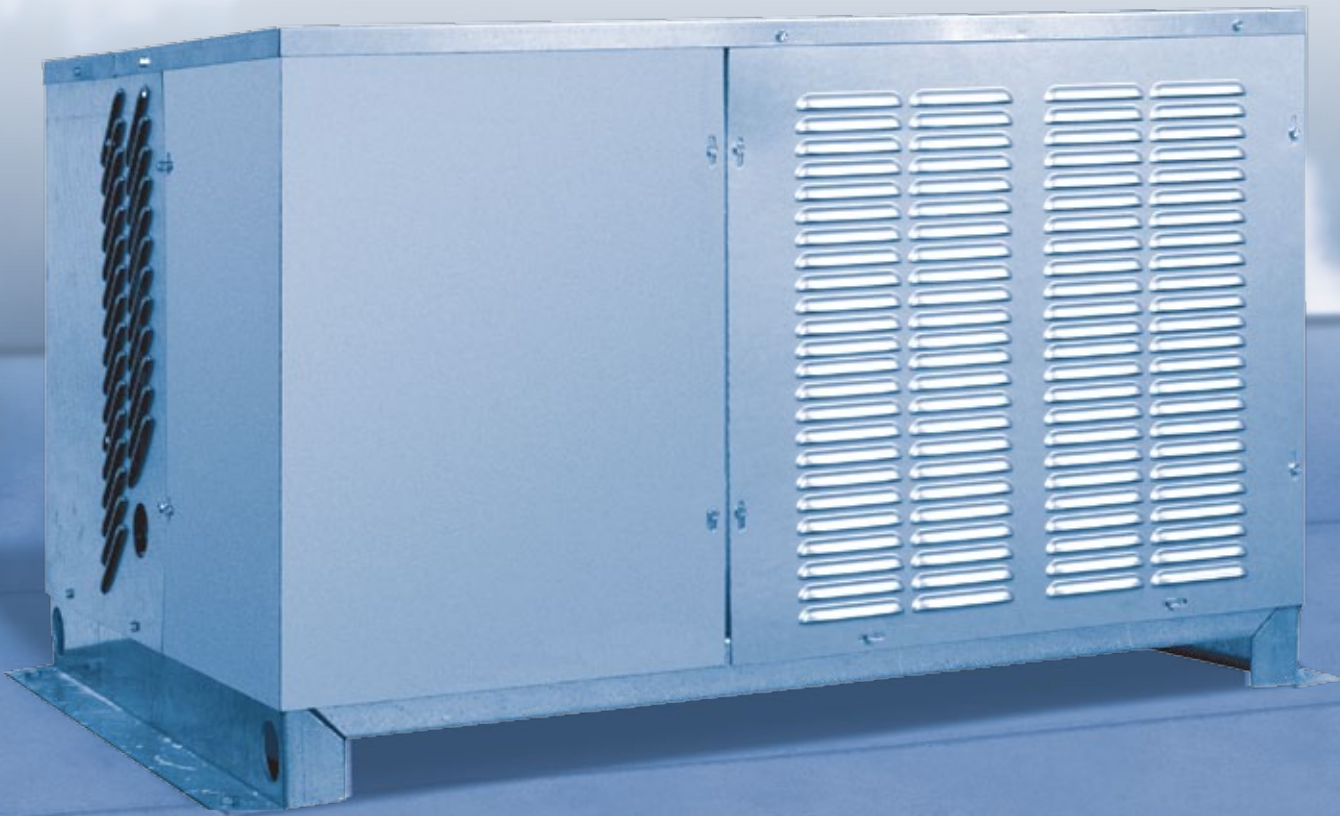




H-Series

CONDENSING UNITS

Technical Bulletin



Products that provide lasting solutions.

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H-Series

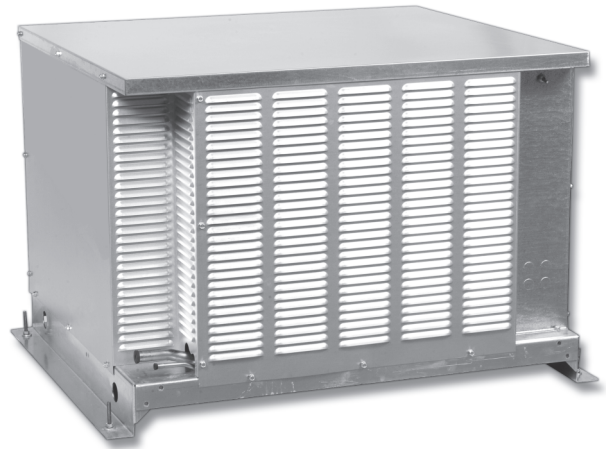
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HTST Series Air Cooled Condensing Units

Benefits

Air Cooled Condensing Units for Medium and Low Temperature Applications Featuring Tecumseh Hermetic Compressors

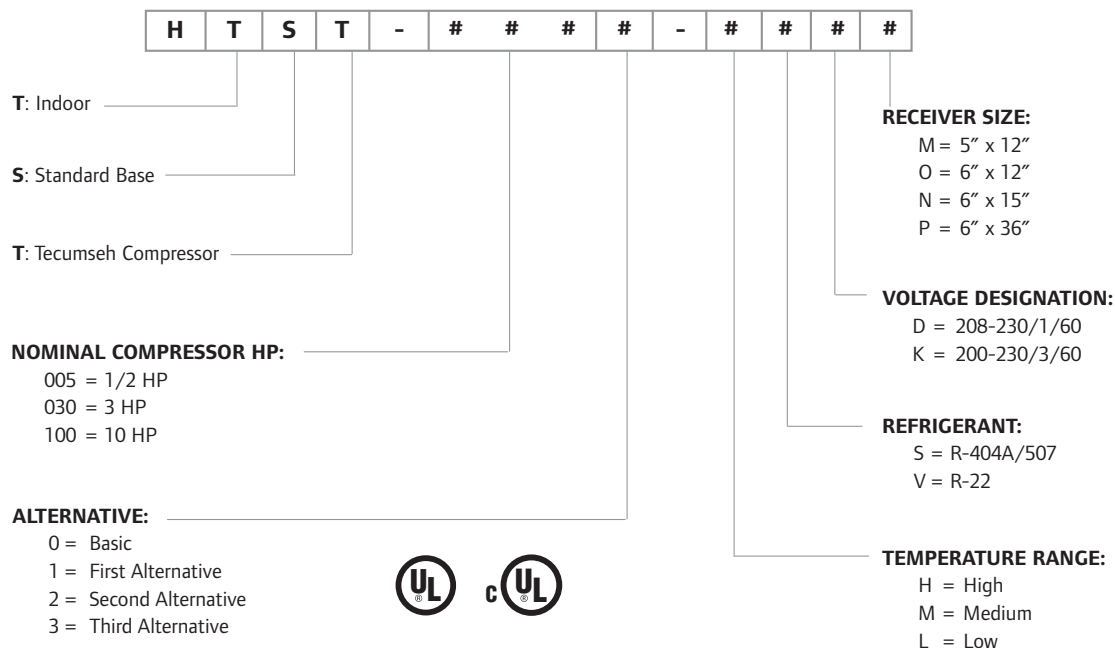
The HTST Series condensing units have an exterior design comparable to the H-Series. They are designed for outdoor configurations with easy access to all refrigeration and electrical components for installation and service.



Standard Features

- Tecumseh .5 to 6 HP Hermetic compressor.
- 208-230/1/60 and 200-230/3/60 application.
- Quick ship availability.
- Grill on condenser coil side for coil protection.
- Crankcase heater.
- Head pressure control valve.
- Solid core liquid line filter.
- Sight glass.
- Pump down switch.
- Accumulator and suction line filter.
- UL approved enclosure.

Model Key



HTST Series Air Cooled Condensing Units

HTST Specifications

Tecumseh - High Temperature - R-22

MODEL	Compressor Model	208-230/1/60				200-230/3/60				Cabinet Size	Receiver Size	Connections		Shipping WGT. (LBS.)
		COMP RLA	FAN FLA	MCA AMPS	MIN BRKR A	COMP RLA	FAN FLA	MCA AMPS	MIN BRKR A			Liquid	Suction	
HTST-0050HV	AKA9455E	5.3	1.1	7.8	15.0	—	—	—	—	SMALL	M	1/4"	3/8"	325
HTST-0070HV	AKA9462E	5.5	1.0	8.1	15.0	—	—	—	—	SMALL	M	1/4"	3/8"	325
HTST-0090HV	AJA9484E	8.2	1.0	11.4	15.0	—	—	—	—	SMALL	O	1/4"	5/8"	335
HTST-0100HV	AWG5519E	9.5	1.0	13.1	15.0	—	—	—	—	SMALL	O	3/8"	5/8"	350
HTST-0150HV	AWG5524E	11.7	2.0	16.9	20.0	7.3	1.7	11.1	15.0	MEDIUM	N	3/8"	7/8"	385
HTST-0200HV	AWG5524E	11.7	2.0	16.9	20.0	7.3	1.7	11.1	15.0	MEDIUM	N	3/8"	7/8"	385
HTST-0240HV	AWG5530E	—	—	—	—	8.7	1.7	12.7	15.0	MEDIUM	N	3/8"	7/8"	385
HTST-0250HV	AWG5530E	19.7	2.0	26.9	35.0	—	—	—	—	MEDIUM	N	3/8"	7/8"	385
HTST-0300HV	AVA5542E	21.2	2.0	28.6	35.0	13.3	1.7	18.5	25.0	MEDIUM	N	3/8"	7/8"	385
HTST-0350HV	AVA5546E	23.7	2.7	32.5	40.0	14.7	2.3	20.9	25.0	LARGE	P	1/2"	7/8"	440
HTST-0450HV	AGA5553E	27.2	2.7	37.0	50.0	16.5	2.3	23.1	30.0	LARGE	P	1/2"	7/8"	463
HTST-0600HV	AGA5561E	30.5	3.8	42.1	50.0	18.8	3.3	27.0	35.0	LARGE	P	1/2"	7/8"	463

Tecumseh - Medium Temperature - R404A

HTST-0070MS	AKA9455Z	5.8	1.0	8.5	15.0	—	—	—	—	SMALL	M	1/4"	5/8"	325
HTST-0100MS	AWA9490Z	10.6	2.0	15.5	20.0	6.7	1.7	10.3	15.0	MEDIUM	N	3/8"	5/8"	385
HTST-0110MS	AWA9490Z	10.6	2.0	15.5	20.0	—	—	—	—	MEDIUM	N	3/8"	5/8"	385
HTST-0160MS	AWA9512Z	12.4	2.0	17.8	20.0	7.8	1.7	11.9	15.0	MEDIUM	N	3/8"	7/8"	385
HTST-0240MS	AVA9522Z	22.6	2.0	30.5	40.0	15.7	1.7	21.5	25.0	MEDIUM	N	3/8"	7/8"	385
HTST-0350MS	AVA9528Z	30.3	3.8	41.9	50.0	19.3	3.3	27.6	35.0	LARGE	P	1/2"	7/8"	440
HTST-0410MS	AGA9534Z	39.8	3.8	53.8	70.0	22.9	3.3	32.2	40.0	LARGE	P	1/2"	7/8"	463

Tecumseh - Low Temperature - R404A

HTST-0050LS	AJA2419Z	3.5	1.1	5.6	15.0	—	—	—	—	SMALL	M	1/4"	3/8"	335
HTST-0060LS	AJA2425Z	4.5	1.1	6.9	15.0	—	—	—	—	SMALL	M	1/4"	3/8"	335
HTST-0070LS	AWA2440Z	8.7	1.0	12.0	15.0	—	—	—	—	SMALL	M	3/8"	5/8"	350
HTST-0150LS	AWA2460Z	12.6	2.0	17.9	20.0	8.3	1.7	12.3	15.0	MEDIUM	N	3/8"	5/8"	385
HTST-0200LS	AVA2490Z	16.2	2.0	22.5	30.0	9.9	1.7	14.2	15.0	MEDIUM	N	3/8"	7/8"	400
HTST-0300LS	AVA2512Z	20.8	2.0	28.2	35.0	11.0	1.7	15.6	20.0	MEDIUM	N	3/8"	7/8"	400

CABINET SIZE

	L	W	H
SMALL	34.620	28.730	26.540
MEDIUM	40.670	32.350	26.540
LARGE	54.000	36.350	31.040

RECEIVER SIZE AND CAPACITY

RECEIVER SIZE		CAPACITY – 90% FULL	
		R-22 (LBS)	R-404A (LBS)
M	5 x 12	8.4	7.9
O	6 x 12	12.2	11.4
N	6 x 15	15.6	14.6
P	6 x 36	38.5	36.1

HTST Series Air Cooled Condensing Units

HTST Performance

Tecumseh - High Temperature - R-22														
MODEL		COMPRESSOR												
AMB °F	10°F SST		15°F SST		20°F SST		25°F SST		30°F SST		35°F SST		40°F SST	
	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW
HTST-0050HV		AKA9455E												
95° F	4.6	1.0	5.3	1.0	5.9	1.1	6.7	1.1	7.5	1.2	8.2	1.2	9.0	1.3
105°F	4.3	1.0	4.9	1.0	5.5	1.1	6.3	1.1	7.0	1.2	7.7	1.2	8.5	1.3
HTST-0070HV		AKA9462E												
95° F	5.4	1.1	6.2	1.1	6.9	1.2	7.8	1.2	8.6	1.3	9.6	1.4	10.5	1.4
105°F	4.9	1.1	5.6	1.2	6.3	1.2	7.1	1.3	8.0	1.3	8.9	1.4	9.8	1.
HTST-0090HV		AJA9484E												
95° F	6.3	1.3	7.1	1.3	8.0	1.4	8.9	1.5	9.8	1.6	10.8	1.7	11.9	1.7
105°F	5.6	1.3	6.4	1.4	7.2	1.5	8.1	1.5	9.0	1.6	9.9	1.7	10.9	1.8
HTST-0100HV		AWG5519E												
95° F	7.8	1.4	9.0	1.5	10.3	1.6	11.6	1.7	12.9	1.8	14.3	1.9	15.8	2.0
105°F	7.2	1.4	8.3	1.5	9.4	1.6	10.5	1.7	11.7	1.8	13.0	1.9	14.3	2.1
HTST-0150HV		AWG5524E												
95° F	10.7	1.9	12.3	2.0	13.9	2.1	15.7	2.3	17.4	2.4	19.3	2.5	21.2	2.7
105°F	9.5	1.9	11.0	2.0	12.5	2.2	14.1	2.3	15.8	2.5	17.5	2.6	19.3	2.8
HTST-0200HV		AWG5524E												
95° F	11.4	1.9	13.0	2.0	14.8	2.1	16.7	2.3	18.6	2.4	20.7	2.5	22.8	2.6
105°F	10.1	2.0	11.7	2.1	13.3	2.2	15.1	2.3	16.9	2.4	18.8	2.6	20.9	2.7
HTST-0240HV		AWG5530E												
95° F	14.2	2.3	16.0	2.5	17.9	2.6	19.9	2.8	22.1	2.9	24.3	3.1	26.7	3.2
105°F	12.8	2.4	14.5	2.5	16.2	2.7	18.1	2.9	20.1	3.0	22.2	3.2	24.5	3.4
HTST-0250HV		AWG5530E												
95° F	14.7	2.4	16.6	2.6	18.6	2.7	20.7	2.9	23.0	3.0	25.3	3.2	27.8	3.4
105°F	13.4	2.4	15.1	2.6	16.9	2.8	18.8	3.0	20.9	3.2	23.1	3.3	25.4	3.5
HTST-0300HV		AVA5542E												
95° F	20.8	3.2	23.5	3.4	26.4	3.6	29.4	3.8	29.6	3.9	32.5	4.1	35.4	4.4
105°F	18.8	3.3	21.4	3.5	24.1	3.7	27.0	3.9	26.9	4.0	29.5	4.3	32.2	4.5
HTST-0350HV		AVA5546E												
95° F	22.4	3.5	25.3	3.7	28.4	3.9	31.7	4.2	35.1	4.4	38.8	4.6	42.6	4.8
105°F	21.0	3.6	23.6	3.8	26.4	4.1	29.3	4.3	32.5	4.6	35.9	4.8	39.4	5.1
HTST-0450HV		AGA5553E												
95° F	-	-	-	-	33.6	4.2	36.8	4.6	40.0	5.0	43.8	5.3	47.6	5.7
105°F	-	-	-	-	29.6	4.6	33.5	4.7	37.4	5.1	40.9	5.4	44.4	5.8
HTST-0600HV		AGA5561E												
95° F	-	-	-	-	39.8	5.1	43.1	5.5	47.8	5.9	52.0	6.2	56.1	6.6
105°F	-	-	-	-	35.4	5.2	38.4	5.6	43.3	6.0	47.6	6.4	51.9	6.8

HTST Series Air Cooled Condensing Units

HTST Performance

Tecumseh - Medium Temperature - R-404A

MODEL		COMPRESSOR													
AMB °F	-5°F SST		0°F SST		5°F SST		10°F SST		15°F SST		20°F SST		25°F SST		
	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	
HTST-0070MS		AKA9455Z													
95° F	3.3	1.0	3.8	1.1	4.4	1.2	5.0	1.2	5.7	1.3	6.4	1.3	7.2	1.4	
105°F	2.8	1.0	3.2	1.1	3.7	1.2	4.3	1.2	4.9	1.3	5.5	1.4	6.2	1.5	
HTST-0100MS		AWA9490Z													
95° F	5.2	1.5	6.1	1.6	7.1	1.7	8.2	1.8	9.4	1.9	10.7	2.0	12.2	2.1	
105°F	4.2	1.5	5.0	1.6	5.9	1.7	6.9	1.8	8.0	1.9	9.2	2.0	10.5	2.1	
HTST-0110MS		AWA9490Z													
95° F	5.3	1.6	6.5	1.7	7.5	1.8	8.9	1.9	10.2	2.0	11.7	2.1	13.1	2.3	
105°F	4.3	1.6	5.4	1.7	6.3	1.8	7.5	1.9	8.7	2.0	10.0	2.1	11.3	2.3	
HTST-0160MS		AWA9512Z													
95° F	6.8	1.7	7.9	1.8	9.0	2.0	10.3	2.1	11.7	2.2	13.2	2.3	14.7	2.5	
105°F	5.8	1.7	6.7	1.8	7.7	2.0	8.8	2.1	10.1	2.2	11.4	2.4	12.8	2.5	
HTST-0240MS		AVA9522Z													
95° F	12.8	2.7	14.6	3.0	16.6	3.2	18.6	3.5	20.8	3.7	23.1	4.0	25.5	4.2	
105°F	10.7	2.7	12.4	3.0	14.2	3.2	16.1	3.5	18.1	3.8	20.2	4.0	22.4	4.3	
HTST-0350MS		AVA9528Z													
95° F	17.5	3.7	20.0	4.0	22.6	4.3	25.5	4.6	28.7	4.8	32.1	5.2	35.8	5.5	
105°F	15.2	3.7	17.4	4.0	19.9	4.3	22.5	4.6	25.4	4.9	28.5	5.3	31.8	5.6	
HTST-0410MS		AGA9534Z													
95° F	20.6	4.4	23.8	4.8	27.3	5.2	31.0	5.6	35.0	6.0	39.2	6.4	43.7	6.8	
105°F	17.3	4.4	20.1	4.8	23.3	5.2	26.6	5.6	30.2	6.0	34.0	6.5	38.1	6.9	

Tecumseh - Low Temperature - R-404A

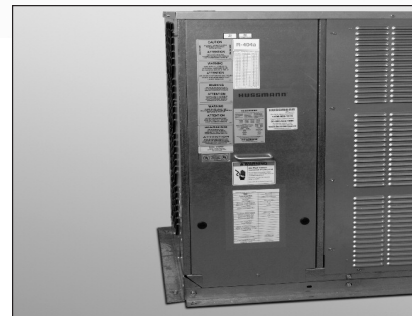
MODEL		COMPRESSOR												
AMB °F	-30°F SST		-25°F SST		-20°F SST		-15°F SST		-10°F SST		-5°F SST		0°F SST	
	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW
HTST-0050LS		AJA2419Z												
95° F	1.2	0.7	1.4	0.7	1.7	0.8	2.0	0.8	2.3	0.9	2.6	0.9	3.0	1.0
105°F	0.8	0.7	1.1	0.7	1.3	0.8	1.6	0.8	1.9	0.9	2.2	0.9	2.5	1.0
HTST-0060LS		AJA2425Z												
95° F	1.5	0.7	1.9	0.8	2.4	0.8	2.9	0.9	3.4	1.0	3.7	1.1	4.4	1.2
105°F	1.1	0.6	1.5	0.7	1.9	0.8	2.4	0.9	2.8	1.0	3.3	1.1	3.8	1.1
HTST-0070LS		AWA2440Z												
95° F	2.1	1.1	2.7	1.1	3.2	1.2	3.8	1.3	4.4	1.4	5.1	1.5	5.7	1.6
105°F	1.6	1.0	2.1	1.1	2.6	1.2	3.1	1.3	3.7	1.4	4.2	1.5	4.8	1.6
HTST-0150LS		AWA2460Z												
95° F	3.8	1.5	4.8	1.6	5.9	1.8	6.9	1.9	8.1	2.1	9.3	2.3	10.5	2.4
105°F	3.2	1.5	4.0	1.6	4.8	1.8	5.8	1.9	6.8	2.1	7.8	2.2	9.0	2.4
HTST-0200LS		AVA2490Z												
95° F	6.0	1.9	7.2	2.1	8.4	2.3	9.7	2.5	11.0	2.8	12.4	3.0	13.8	3.2
105°F	5.0	1.9	6.1	2.1	7.2	2.3	8.4	2.5	9.6	2.8	10.8	3.0	12.1	3.2
HTST-0300LS		AVA2512Z												
95° F	7.0	2.3	8.5	2.5	10.1	2.8	11.7	3.1	13.5	3.4	15.3	3.7	17.2	4.0
105°F	4.9	2.3	6.4	2.5	8.0	2.8	9.5	3.1	11.1	3.4	12.8	3.7	14.4	4.0

H-Series Condensing Units

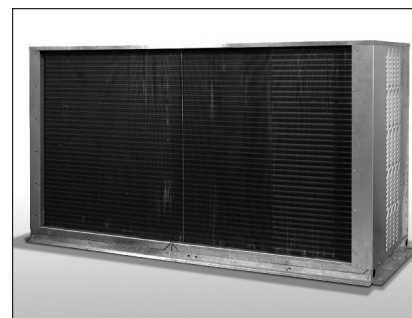
Standard Features

Air cooled, low, medium and high temperature applications.
**Designed for serviceability... built for durability...
easy to install and service.**

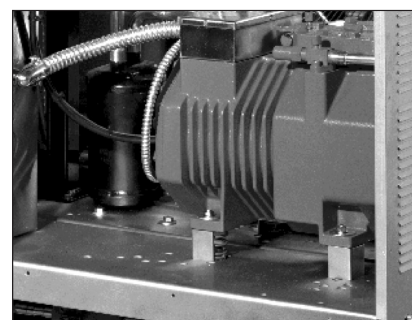
- Product design flexibility:
 - Indoor/outdoor configuration.
 - Six compressor types available in 1/2 to 25 HP.
 - Four voltage types.
 - Standard or heavy-duty base construction.
- The optimized H-Series Condensing Units feature the following:
 - Wider range of condenser coils available for your application.
 - IR Impact compressors available from 1/2 to 25 HP.
 - Large units feature easy access pull out electrical panel cover.
 - Improved rifled-tube air-cooled condenser design flows for larger capacity compressors on some bases.
 - Steel support clamp for condenser connection.
 - Standardized fan motor and 16" base on all units with improved access and serviceability.
 - Standard indoor/outdoor base.
 - Optional heavy-duty supermarket base.
 - Increased electrical housing space for defrost, fuses or breakers and other controls.
 - Improved weather resistant electrical enclosure.
 - All units are UL listed and UL listed for Canada.



Easier electrical access.



Improved condenser coil.



Wide range of compressor.

Optional Features

- | | |
|---|---|
| ■ Oversized receiver. | ■ Head pressure control. |
| ■ Crankcase heater (standard on outdoor units). | ■ Fan cycling. |
| ■ Replaceable filters. | ■ Pressure relief valve. |
| ■ Suction accumulator. | ■ Six environmental coatings for condenser coils. |
| ■ Vibration eliminators. | ■ Relief valve in lieu of fusible plug. |
| ■ Liquid drier. | ■ Optional water cooled condenser. |
| ■ Subcooling circuit. | |

H-Series Condensing Units

Model Key

H	#	#	R	-	030	0	L	S	K	-	D	-	A
---	---	---	---	---	-----	---	---	---	---	---	---	---	---

NAME _____

UNIT TYPE: _____
 N = Indoor
 T = Outdoor
 R = Remote
 S = Satellite
 W = Water Cooled

BASE: _____
 S = Standard
 H = Heavy Duty

COMPRESSOR VENDOR: _____
 R = IR Impact TM
 D = Copeland Discus
 S = Copeland Semi-Hermetic
 Z = Copeland Scroll

COMPRESSOR HORSEPOWER: _____
 005 = 1/2 HP
 030 = 3 HP
 100 = 10 HP

ALTERNATIVE: _____
 0 = Basic
 1 = First Alternative
 2 = Second Alternative
 3 = Third Alternative

"A" OPTIMIZED UNIT SPEC

RECEIVER SIZE:
 A = 6" x 12"
 B = 6" x 18"
 C = 6" x 23"
 D = 6" x 30"
 E = 8-5/8" x 30"
 F = 10-3/4" x 30"
 G = 10-3/4" x 38"
 H = 12-3/4" x 30"
 X = No Receiver

CONDENSER SIZE

VOLTAGE DESIGNATION:
 D = 208/1/60
 K = 208/3/60
 M = 460/3/60
 P = 575/3/60
 U = 380/3/50

REFRIGERANT:
 P = R-507
 S = R-404A
 V = R-22

TEMPERATURE RANGE:
 H = High
 M = Medium
 L = Low

Cabinet and Receiver Sizes

CABINET SIZE			
	L	W	H
SMALL	41.750	32.320	24.471
MEDIUM	48.000	34.105	41.946
LARGE	84.000	35.072	41.891
X-LARGE	99.000	35.002	54.424

RECEIVER SIZE AND CAPACITY		
RECEIVER SIZE	CAPACITY- 90% FULL	
	R-22 (LBS)	R-404A/R-507 (LBS)
A 6 x 12	12.8	11.1
B 6 x 18	19.2	16.7
C 6 x 23	24.6	21.4
D 6 x 30	32.0	27.9
E 8-5/8 x 30	62.0	53.9
F 10-3/4 x 30	94.6	82.3
G 10-3/4 x 38	122.0	106.2
H 12-3/4 x 30	115.0	100.1

H-Series Condensing Units

HTSR Specifications

IR Impact - Medium Temperature - R-22

UNIT MODEL	COMPRESSOR MODEL	208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD	SUCT OD					
		RLA	RLA	RLA	RLA	RLA	FLA	RLA	FLA	IN	IN					
H##R-0050MV	IR2C0173SM	4.5	2.5	2.3	1.3	2.3	1.3	1.7	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0070MV	IR2C0222SM	6	2.5	2.9	1.3	2.9	1.3	2.1	1.0	1/2	5/8	6 x 23	21.4	400	A	SMALL
H##R-0100MV	IR2C0278SM	9.5	2.5	3.9	1.3	3.9	1.3	2.9	1.0	1/2	5/8	6 x 23	21.4	400	A	SMALL
H##R-0150MV	IR2C0407SM	10.6	2.5	5.1	1.3	5.1	1.3	3.5	1.0	1/2	5/8	6 x 30	27.9	550	B	MEDIUM
H##R-0200MV	IR2C0484SM	13.3	2.5	6.4	1.3	6.4	1.3	4.9	1.0	1/2	7/8	6 x 30	27.9	550	B	MEDIUM
H##R-0220MV	IR2C0572SM	15.3	2.5	7.2	1.3	7.2	1.3	5.1	1.0	1/2	7/8	8 5/8 x 30	53.9	550	B	MEDIUM
H##R-0300MV	IR2C0692SM	18.2	2.5	8.1	1.3	8.1	1.3	6.5	1.0	5/8	7/8	8 5/8 x 30	53.9	550	B	MEDIUM
H##R-0400MV	IR4C0770SM	22	4.4	13.1	2.2	13.1	2.2	8.7	1.8	5/8	7/8	8 5/8 x 30	53.9	550	C	MEDIUM
H##R-0500MV	IR4C0969SM	26.5	4.4	12.8	2.2	12.8	2.2	8.3	1.8	5/8	1-1/8	10 3/4 x 30	82.3	550	D	MEDIUM
H##R-0600MV	IR4C1145SM	29	6.8	13.8	3.4	13.8	3.4	10.3	2.7	5/8	1-1/8	12 3/4 x 30	100.1	1250	E	LARGE
H##R-0650MV	IR4C1385SM	34.2	6.8	17.1	3.4	17.1	3.4	13.7	2.7	5/8	1-1/8	12 3/4 x 30	100.1	1250	E	LARGE
H##R-0700MV	IR4C1480SM	38.5	6.8	19.2	3.4	19.2	3.4	15.4	2.7	5/8	1-1/8	12 3/4 x 30	100.1	1250	E	LARGE
H##R-0900MV	IR4C1761SM	42.3	6.8	21.2	3.4	21.2	3.4	16.9	2.7	5/8	1-3/8	12 3/4 x 30	100.1	1250	F	LARGE
H##R-1000MV	IR4C2067SM	48.7	6.8	24.4	3.4	24.4	3.4	19.6	2.7	7/8	1-5/8	12 3/4 x 30	100.1	1250	F	LARGE
H##R-1200MV	IR4C2397SM	57.7	8.7	28.8	4.4	28.8	4.4	23.6	3.5	7/8	1-5/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-1400MV	IR4B2707PM	61.5	8.7	30.8	4.4	30.8	4.4	24.4	3.5	7/8	1-5/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-1600MV	IR4B3139PM	75.6	8.7	37.8	4.4	37.8	4.4	30.1	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-1900MV	IR4B3604PM	89.7	8.7	44.9	4.4	44.9	4.4	35.9	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-2200MV	IR6B4060PM	100	8.7	50	4.4	50	4.4	39.7	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-2500MV	IR6B4709PM	105.1	8.7	52.6	4.4	52.6	4.4	41.7	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE

IR Impact - Low Temperature - R-22

UNIT MODEL	COMPRESSOR MODEL	208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD	SUCT OD					
		RLA	RLA	RLA	RLA	RLA	FLA	RLA	FLA	IN	IN					
H##R-0050LV	IR2C0173SL	4.3	2.5	1.9	1.3	1.9	1.3	1.5	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0070LV	IR2C0222SL	5.7	2.5	2.6	1.3	2.6	1.3	2.1	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0100LV	IR2C0278SL	7.4	2.5	3.3	1.3	3.3	1.3	2.7	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0150LV	IR2C0407SL	9.8	2.5	4.4	1.3	4.4	1.3	3.5	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0200LV	IR2C0484SL	12.2	2.5	5.5	1.3	5.5	1.3	4.4	1.0	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##R-0220LV	IR2C0572SL	16	2.5	6.5	1.3	6.5	1.3	5.2	1.0	1/2	7/8	6 x 23	21.4	400	A	SMALL
H##R-0300LV	IR2C0692SL	16.6	2.5	7.5	1.3	7.5	1.3	6	1.0	1/2	7/8	6 x 23	21.4	550	B	MEDIUM
H##R-0400LV	IR4C0770SL	20	2.5	8.4	1.3	8.4	1.3	6.8	1.0	5/8	7/8	6 x 30	27.9	550	B	MEDIUM
H##R-0500LV	IR4C0969SL	22	2.5	9.9	1.3	9.9	1.3	8	1.0	5/8	1-1/8	6 x 30	27.9	550	B	MEDIUM
H##R-0600LV	IR4C1145SL	32	2.5	12.5	1.3	12.5	1.3	10	1.0	5/8	1-1/8	8 5/8 x 30	53.9	550	B	MEDIUM
H##R-0650LV	IR4C1385SL	32.7	4.4	16	2.2	16	2.2	11.8	1.8	5/8	1-1/8	8 5/8 x 30	53.9	550	C	MEDIUM
H##R-0700LV	IR4C1480SL	32	4.4	13.4	2.2	13.4	2.2	10.7	1.8	5/8	1-1/8	10 3/4 x 30	82.3	550	C	MEDIUM
H##R-0900LV	IR4C1761SL	40	6.8	16.9	3.4	16.9	3.4	13.5	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1250	E	LARGE
H##R-1000LV	IR4C2067SL	41.5	6.8	20	3.4	20	3.4	16	2.7	7/8	1-5/8	12 3/4 x 30	100.1	1250	E	LARGE
H##R-1200LV	IR4C2397SL	49.3	6.8	22.3	3.4	22.3	3.4	17.8	2.7	7/8	1-5/8	12 3/4 x 30	100.1	1250	E	LARGE
H##R-1400LV	IR4B2707PL	58.4	6.8	26.3	3.4	26.3	3.4	21.1	2.7	7/8	1-5/8	12 3/4 x 30	100.1	1250	E	LARGE
H##R-1600LV	IR4B3139PL	67.5	6.8	32	3.4	32	3.4	24.4	2.7	7/8	2-1/8	12 3/4 x 30	100.1	1250	F	LARGE
H##R-1900LV	IR4B3604PL	79.2	8.7	35.8	4.4	35.8	4.4	32	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-2200LV	IR6B4060PL	87	8.7	40	4.4	40	4.4	32	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-2500LV	IR6B4709PL	103.2	8.7	48	4.4	48	4.4	40	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE

See page 7 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSR Specifications

IR Impact - Medium Temperature - R-404A

UNIT MODEL	COMPRESSOR MODEL	208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD	SUCT OD					
		RLA	RLA	RLA	RLA	RLA	FLA	RLA	FLA	IN	IN					
H##R-0050MS	IR2C0173SM	4.5	2.5	2.3	1.3	2.3	1.3	1.7	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0070MS	IR2C0222SM	6	2.5	2.9	1.3	2.9	1.3	2.1	1.0	1/2	5/8	6 x 23	21.4	400	A	SMALL
H##R-0100MS	IR2C0278SM	9.5	2.5	3.9	1.3	3.9	1.3	2.9	1.0	1/2	5/8	6 x 23	21.4	400	A	SMALL
H##R-0150MS	IR2C0407SM	10.6	2.5	5.1	1.3	5.1	1.3	3.5	1.0	5/8	5/8	6 x 30	27.9	550	B	MEDIUM
H##R-0200MS	IR2C0484SM	13.3	2.5	6.4	1.3	6.4	1.3	4.9	1.0	5/8	7/8	6 x 30	27.9	550	B	MEDIUM
H##R-0220MS	IR2C0572SM	15.3	2.5	7.2	1.3	7.2	1.3	5.1	1.0	5/8	7/8	8 5/8 x 30	53.9	550	B	MEDIUM
H##R-0300MS	IR2C0692SM	18.2	4.4	8.1	2.2	8.1	2.2	6.5	1.8	5/8	7/8	10 3/4 x 30	82.3	550	C	MEDIUM
H##R-0400MS	IR4C0770SM	22	4.4	13.1	2.2	13.1	2.2	8.7	1.8	5/8	7/8	10 3/4 x 30	82.3	550	C	MEDIUM
H##R-0500MS	IR4C0969SM	26.5	6.8	12.8	3.4	12.8	3.4	8.3	2.7	5/8	1-1/8	10 3/4 x 30	82.3	1250	E	LARGE
H##R-0600MS	IR4C1145SM	29	6.8	13.8	3.4	13.8	3.4	10.3	2.7	5/8	1-1/8	12 3/4 x 30	100.1	1250	E	LARGE
H##R-0650MS	IR4C1385SM	34.2	6.8	17.1	3.4	17.1	3.4	13.7	2.7	5/8	1-1/8	12 3/4 x 30	100.1	1250	E	LARGE
H##R-0700MS	IR4C1480SM	38.5	6.8	19.2	3.4	19.2	3.4	15.4	2.7	7/8	1-1/8	12 3/4 x 30	100.1	1250	E	LARGE
H##R-0900MS	IR4C1761SM	42.3	6.8	21.2	3.4	21.2	3.4	16.9	2.7	7/8	1-3/8	12 3/4 x 30	100.1	1250	F	LARGE
H##R-1000MS	IR4C2067SM	48.7	8.7	24.4	4.4	24.4	4.4	19.6	3.5	7/8	1-5/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-1200MS	IR4C2397SM	57.7	8.7	28.8	4.4	28.8	4.4	23.6	3.5	7/8	1-5/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-1400MS	IR4B2707PM	61.5	8.7	30.8	4.4	30.8	4.4	24.4	3.5	7/8	1-5/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-1600MS	IR4B3139PM	75.6	8.7	37.8	4.4	37.8	4.4	30.1	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-1900MS	IR4B3604PM	89.7	8.7	44.9	4.4	44.9	4.4	35.9	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-2200MS	IR6B4060PM	100	8.7	50	4.4	50	4.4	39.7	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-2500MS	IR6B4709PM	105.1	8.7	52.6	4.4	52.6	4.4	41.7	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE

IR Impact - Low Temperature - R-404A

UNIT MODEL	COMPRESSOR MODEL	208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD	SUCT OD					
		RLA	RLA	RLA	RLA	RLA	FLA	RLA	FLA	IN	IN					
H##R-0050LS	IR2C0173SL	4.3	2.5	1.9	1.3	1.9	1.3	1.5	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0070LS	IR2C0222SL	5.7	2.5	2.6	1.3	2.6	1.3	2.1	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0100LS	IR2C0278SL	7.4	2.5	3.3	1.3	3.3	1.3	2.7	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0150LS	IR2C0407SL	9.8	2.5	4.4	1.3	4.4	1.3	3.5	1.0	1/2	5/8	6 x 18	16.7	400	A	SMALL
H##R-0200LS	IR2C0484SL	12.2	2.5	5.5	1.3	5.5	1.3	4.4	1.0	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##R-0220LS	IR2C0572SL	16	2.5	6.5	1.3	6.5	1.3	5.2	1.0	1/2	7/8	6 x 23	21.4	550	B	MEDIUM
H##R-0300LS	IR2C0692SL	16.6	2.5	7.5	1.3	7.5	1.3	6	1.0	5/8	7/8	6 x 23	21.4	550	B	MEDIUM
H##R-0400LS	IR4C0770SL	20	2.5	8.4	1.3	8.4	1.3	6.8	1.0	5/8	7/8	6 x 30	27.9	550	B	MEDIUM
H##R-0500LS	IR4C0969SL	22	2.5	9.9	1.3	9.9	1.3	8	1.0	5/8	1-1/8	6 x 30	27.9	550	B	MEDIUM
H##R-0600LS	IR4C1145SL	32	4.4	12.5	2.2	12.5	2.2	10	1.8	5/8	1-1/8	8 5/8 x 30	53.9	550	C	MEDIUM
H##R-0650LS	IR4C1385SL	32.7	4.4	16	2.2	16	2.2	11.8	1.8	5/8	1-1/8	8 5/8 x 30	53.9	550	D	MEDIUM
H##R-0700LS	IR4C1480SL	32	4.4	13.4	2.2	13.4	2.2	10.7	1.8	5/8	1-1/8	8 5/8 x 30	53.9	550	D	MEDIUM
H##R-0900LS	IR4C1761SL	40	6.8	16.9	3.4	16.9	3.4	13.5	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1250	E	LARGE
H##R-1000LS	IR4C2067SL	41.5	6.8	20	3.4	20	3.4	16	2.7	5/8	1-5/8	10 3/4 x 30	82.3	1250	E	LARGE
H##R-1200LS	IR4C2397SL	49.3	6.8	22.3	3.4	22.3	3.4	17.8	2.7	5/8	1-5/8	10 3/4 x 30	82.3	1250	E	LARGE
H##R-1400LS	IR4B2707PL	58.4	6.8	26.3	3.4	26.3	3.4	21.1	2.7	7/8	1-5/8	12 3/4 x 30	100.1	1250	F	LARGE
H##R-1600LS	IR4B3139PL	67.5	6.8	32	3.4	32	3.4	24.4	2.7	7/8	2-1/8	12 3/4 x 30	100.1	1250	F	LARGE
H##R-1900LS	IR4B3604PL	79.2	8.7	35.8	4.4	35.8	4.4	32	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-2200LS	IR6B4060PL	87	8.7	40	4.4	40	4.4	32	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##R-2500LS	IR6B4709PL	103.2	8.7	48	4.4	48	4.4	40	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE

See page 7 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSR Performance

IR Impact - Medium Temperature - R-22

UNIT MODEL	AMB TEMP	EVAP TEMP = 0F		EVAP TEMP = 5F		EVAP TEMP = 10F		EVAP TEMP = 15F		EVAP TEMP = 20F		EVAP TEMP = 25F		EVAP TEMP = 30F		EVAP TEMP = 35F		EVAP TEMP = 40F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#R-0050MV	95	5,026	0.84	5,923	0.90	6,819	0.96	7,861	1.02	8,902	1.07	10,106	1.12	11,310	1.16	12,694	1.20	14,077	1.24
H#R-0070MV	95	6,805	1.08	7,839	1.15	8,873	1.21	10,074	1.27	11,275	1.33	12,684	1.39	14,052	1.44	15,679	1.50	17,105	1.55
H#R-0100MV	95	8,650	1.40	10,106	1.49	11,362	1.58	12,816	1.67	14,269	1.75	15,874	1.83	17,479	1.91	19,300	1.99	21,121	2.06
H#R-0120MV	95	13,244	2.01	15,020	2.12	16,796	2.23	18,946	2.30	21,096	2.41	23,404	2.52	25,711	2.62	28,464	2.71	31,216	2.79
H#R-0200MV	95	15,274	2.27	17,427	2.41	19,579	2.55	22,094	2.72	24,609	2.84	27,407	2.98	30,204	3.12	33,413	3.25	36,621	3.38
H#R-0220MV	95	17,895	2.63	20,447	2.79	22,998	2.95	25,848	3.13	28,688	3.30	32,139	3.46	35,579	3.62	39,199	3.80	42,819	3.97
H#R-0300MV	95	21,932	3.23	24,852	3.45	27,772	3.66	31,152	3.89	34,532	4.12	38,425	4.35	42,318	4.58	46,551	4.84	50,784	5.09
H#R-0400MV	95	25,047	3.58	28,706	3.81	32,364	4.04	36,459	4.28	40,553	4.52	45,272	4.76	49,991	4.99	55,398	5.22	60,805	5.44
H#R-0500MV	95	31,209	4.42	35,469	4.72	39,729	5.02	44,665	5.34	49,600	5.65	55,287	5.97	60,973	6.28	67,185	6.61	73,397	6.94
H#R-0600MV	95	39,097	5.32	44,605	5.63	50,112	5.94	56,537	6.24	62,962	6.53	70,417	6.80	77,871	7.07	86,108	7.34	94,344	7.60
H#R-0700MV	95	46,613	6.57	53,101	6.96	59,588	7.35	67,154	7.74	74,719	8.12	83,141	8.52	91,562	8.92	101,207	9.31	110,851	9.70
H#R-0800MV	95	51,802	6.50	58,511	6.93	65,220	7.35	73,255	7.74	81,290	8.13	90,179	8.52	99,068	8.91	109,189	9.28	119,310	9.65
H#R-0900MV	95	62,169	8.02	70,481	8.53	78,793	9.03	88,047	9.54	97,301	10.04	107,892	10.53	118,483	11.02	130,544	11.49	142,604	11.96
H#R-1000MV	95	72,408	9.29	81,925	9.91	91,441	10.53	102,382	11.14	113,322	11.75	125,846	12.35	138,369	12.95	151,978	13.59	165,586	14.23
H#R-1200MV	95	85,996	10.97	97,740	11.68	109,484	12.39	122,555	13.12	135,685	13.85	151,333	14.52	166,980	15.19	184,196	15.89	201,412	16.58
H#R-1400MV	95	95,154	11.99	108,100	12.76	121,045	13.53	135,611	14.32	150,177	15.11	166,940	15.90	183,702	16.68	202,880	17.47	222,058	18.25
H#R-1600MV	95	108,736	13.97	123,097	14.93	137,458	15.88	154,094	16.82	170,729	17.75	189,233	18.76	207,736	19.76	229,600	20.70	251,464	21.64
H#R-1900MV	95	123,437	16.75	139,586	17.86	155,734	18.96	173,844	20.16	191,953	21.36	212,714	22.62	233,474	23.88	257,143	25.21	280,812	26.54
H#R-2200MV	95	137,464	18.49	155,665	19.78	173,866	21.07	194,086	22.43	214,305	23.79	237,328	25.18	260,351	26.56	285,277	28.10	310,203	29.63
H#R-2500MV	95	156,339	21.66	176,489	23.28	196,638	24.89	219,757	26.52	242,875	28.15	268,285	29.94	293,694	31.72	-	-	-	-
H#R-0050MV	105	4,512	0.87	5,352	0.94	6,192	1.01	7,202	1.07	8,211	1.13	9,340	1.19	10,469	1.24	11,766	1.29	13,063	1.34
H#R-0070MV	105	6,152	1.13	7,119	1.21	8,086	1.28	9,204	1.36	10,322	1.43	11,613	1.50	12,903	1.56	14,386	1.63	15,869	1.69
H#R-0100MV	105	8,174	1.47	9,351	1.58	10,528	1.68	11,828	1.78	13,127	1.88	14,673	1.97	16,219	2.06	17,907	2.15	19,594	2.24
H#R-0200MV	105	12,104	2.12	13,831	2.25	15,558	2.37	17,496	2.49	19,434	2.61	21,675	2.73	23,915	2.84	26,494	2.95	29,073	3.05
H#R-0220MV	105	13,688	2.36	15,716	2.52	17,743	2.67	20,106	2.84	22,468	3.00	25,212	3.16	27,955	3.32	30,980	3.48	34,004	3.64
H#R-0300MV	105	16,172	2.71	18,587	2.89	21,002	3.07	23,688	3.27	26,373	3.46	29,469	3.66	32,564	3.86	36,113	4.06	39,662	4.25
H#R-0400MV	105	19,737	3.35	22,484	3.58	25,231	3.81	28,402	4.06	31,573	4.31	35,220	4.58	38,867	4.84	42,823	5.13	46,779	5.42
H#R-0500MV	105	22,794	3.72	26,258	3.98	29,721	4.23	33,578	4.50	37,434	4.77	41,872	5.05	46,309	5.32	51,391	5.59	56,473	5.85
H#R-0600MV	105	28,000	4.63	32,179	4.95	36,358	5.26	40,998	5.61	45,637	5.95	50,975	6.32	56,312	6.68	62,119	7.07	67,926	7.45
H#R-0700MV	105	35,388	5.60	40,573	5.95	45,758	6.30	51,785	6.65	57,811	6.99	64,791	7.32	71,771	7.65	79,816	7.95	87,860	8.25
H#R-0800MV	105	42,619	6.86	48,773	7.30	54,927	7.73	61,778	8.20	68,629	8.67	76,869	9.11	85,108	9.55	94,190	10.03	103,272	10.50
H#R-0900MV	105	47,510	6.78	54,003	7.24	60,495	7.70	67,693	8.17	74,890	8.63	83,484	9.06	92,098	9.48	101,536	9.92	110,973	10.35
H#R-1000MV	105	57,027	8.39	64,757	8.96	72,487	9.52	81,430	10.07	90,373	10.62	100,238	11.18	110,103	11.74	121,333	12.29	132,563	12.84
H#R-1200MV	105	67,131	9.66	76,042	10.34	84,952	11.01	95,156	11.69	105,359	12.36	117,015	13.04	128,671	13.72	141,300	14.45	153,928	15.17
H#R-1400MV	105	78,869	11.37	89,837	12.18	100,805	12.98	113,491	13.77	126,176	14.56	140,181	15.38	154,185	16.19	170,881	16.94	187,576	17.68
H#R-1600MV	105	88,052	12.66	100,225	13.53	112,397	14.39	126,544	15.23	140,691	16.07	156,446	16.95	172,200	17.83	190,214	18.71	208,228	19.59
H#R-1900MV	105	101,078	13.97	114,644	15.43	128,210	16.88	143,877	17.95	159,544	19.01	177,582	20.07	195,619	21.13	215,497	22.29	235,375	23.44
H#R-2200MV	105	114,962	17.87	130,166	19.09	145,370	20.31	162,975	21.57	180,580	22.83	200,146	24.24	219,712	25.64	-	-	-	-
H#R-2500MV	105	127,919	19.43	144,436	20.92	160,952	22.41	180,542	23.85	200,132	25.28	-	-	-	-	-	-	-	-
H#R-2500MV	105	144,882	22.85	164,545	24.58	184,207	26.30	-	-	-	-	-	-	-	-	-	-	-	-

See page 7 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSR Performance

IR Impact - Low Temperature - R-22

UNIT MODEL	AMB TEMP	EVAP TEMP = -40F			EVAP TEMP = -35F			EVAP TEMP = -30F			EVAP TEMP = -25F			EVAP TEMP = -20F			EVAP TEMP = -15F			EVAP TEMP = -10F			EVAP TEMP = -5F			EVAP TEMP = 0F		
		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]	
H#R-0050LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,823	0.70	4,437	0.76	5,181	0.83	5,924	0.89	6,672	1.08	7,599	1.16
H#R-0070LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,957	0.92	5,744	1.00	6,672	1.08	7,599	1.16	8,642	1.36	9,807	1.46
H#R-0100LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,504	1.15	7,477	1.25	8,642	1.36	9,807	1.46	10,980	1.74	12,348	1.84
H#R-0150LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,355	1.81	10,652	1.94	12,155	2.08	13,657	2.22	15,158	2.36	16,659	2.50
H#R-0200LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,990	2.06	12,501	2.21	14,215	2.37	15,928	2.53	17,548	2.69	19,168	2.85
H#R-0220LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12,136	2.31	13,792	2.49	15,670	2.70	17,548	2.91	19,426	3.03	21,292	3.15
H#R-0300LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,028	2.74	18,294	2.92	20,919	3.12	23,544	3.31	26,089	3.49	28,583	3.67
H#R-0400LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,583	3.09	20,100	3.32	22,992	3.55	25,883	3.77	28,976	4.01	31,969	4.25
H#R-0500LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,596	3.99	24,534	4.27	28,016	4.54	31,497	4.81	34,918	5.09	38,339	5.34
H#R-0600LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,795	4.69	28,164	4.97	31,946	5.23	35,727	5.48	39,658	5.73	43,369	5.98
H#R-0650LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28,398	5.58	32,820	5.97	37,942	6.40	43,064	6.82	47,140	7.19	50,659	7.56
H#R-0700LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32,265	6.52	36,850	6.95	41,995	7.59	47,140	8.06	51,412	8.52	55,831	8.95
H#R-0900LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41,773	7.66	47,799	8.11	54,606	8.90	61,412	9.52	67,118	10.07	72,720	10.62
H#R-1000LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47,725	8.82	54,478	9.39	62,679	10.33	70,879	11.07	78,234	11.88	85,648	12.75
H#R-1200LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54,731	10.16	62,804	10.95	71,630	12.00	80,455	12.75	88,648	13.61	96,240	14.50
H#R-1400LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58,959	11.80	68,819	12.77	78,234	13.84	88,648	14.90	98,668	16.05	108,688	17.11
H#R-1600LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68,323	13.88	80,354	14.98	90,766	16.05	102,366	17.11	113,976	18.26	125,586	19.41
H#R-1900LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	81,392	15.13	93,354	16.36	107,860	17.68	122,366	19.41	136,876	20.68	151,382	21.64
H#R-2200LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90,140	16.35	103,569	17.68	119,360	19.96	135,151	21.64	151,382	22.21	167,603	23.32
H#R-2500LV	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102,950	17.67	117,842	19.15	135,993	20.68	154,143	22.21	171,394	23.32	188,645	24.37
H#R-0050LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,509	0.73	4,105	0.80	4,791	0.88	5,477	0.95	6,163	1.14	6,849	1.23
H#R-0070LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,543	0.96	5,267	1.05	6,046	1.14	6,832	1.23	7,618	1.43	8,404	1.54
H#R-0100LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,938	1.20	6,858	1.31	7,963	1.43	9,068	1.54	10,173	1.72	11,278	1.84
H#R-0150LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,478	1.84	9,659	1.98	11,138	2.13	12,617	2.28	14,096	2.43	15,554	2.58
H#R-0200LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,831	2.12	11,319	2.28	12,936	2.46	14,553	2.64	16,170	2.80	17,787	2.96
H#R-0220LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10,715	2.38	12,213	2.57	13,903	2.80	15,592	3.02	17,280	3.16	18,967	3.30
H#R-0300LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14,232	2.85	16,268	3.05	18,554	3.25	21,440	3.45	23,725	3.69	25,999	3.93
H#R-0400LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,892	3.23	18,201	3.49	20,963	3.74	23,725	3.99	26,488	4.23	29,253	4.47
H#R-0500LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,332	4.12	22,202	4.44	25,345	4.77	28,458	5.09	31,571	5.41	34,684	5.73
H#R-0600LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,186	4.88	25,350	5.17	29,072	5.41	32,793	5.65	35,916	5.99	39,039	6.23
H#R-0650LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,078	5.81	29,320	6.23	33,963	6.71	38,606	7.19	43,093	7.65	47,140	8.06
H#R-0700LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29,053	6.54	33,375	6.94	38,234	7.59	43,093	8.06	47,140	8.52	51,412	8.95
H#R-0900LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37,676	7.87	43,334	8.34	49,976	9.21	56,618	9.90	63,260	10.62	69,501	11.33
H#R-1000LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43,230	9.19	49,802	9.82	57,235	10.73	64,668	11.52	71,140	12.26	77,981	12.79
H#R-1200LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49,642	10.55	56,996	11.47	65,632	12.48	74,267	13.48	81,577	14.49	87,918	15.50
H#R-1400LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54,129	11.62	62,522	12.47	72,050	13.32	81,577	14.49	90,088	15.50	97,619	16.51
H#R-1600LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62,721	12.24	72,447	13.32	83,502	14.49	94,557	15.65	105,608	16.80	116,659	17.81
H#R-1900LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	74,598	14.54	86,308	15.72	99,687	16.93	113,066	18.13	125,542	19.41	136,876	20.68
H#R-2200LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82,425	15.72	95,528	17.05	110,535	18.47	125,542	19.89	143,114	21.64	160,695	23.32
H#R-2500LV	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	94,121	16.35	108,716	17.96	125,915	20.68	143,114	21.64	160,695	23.32	178,240	24.37

See page 7 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSR Performance

IR Impact - Medium Temperature - R-404A

UNIT MODEL	AMB TEMP	EVAP TEMP = 0F			EVAP TEMP = 5F			EVAP TEMP = 10F			EVAP TEMP = 15F			EVAP TEMP = 20F			EVAP TEMP = 25F			EVAP TEMP = 30F			EVAP TEMP = 35F			EVAP TEMP = 40F		
		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]	
H#R-0050MS	95	5,729	0.85		6,551	0.90		7,372	0.94		8,378	0.98		9,383	1.02		10,475	1.06		11,567	1.10		12,803	1.14		14,038	1.17	
H#R-0070MS	95	7,768	1.16		8,833	1.23		9,898	1.29		11,127	1.36		12,356	1.42		13,671	1.48		14,986	1.54		16,560	1.60		18,133	1.66	
H#R-0100MS	95	9,723	1.49		11,041	1.58		12,358	1.67		13,783	1.77		15,207	1.86		16,601	1.95		18,395	2.04		20,162	2.13		21,928	2.21	
H#R-0150MS	95	14,722	2.11		16,641	2.24		18,559	2.37		20,768	2.50		22,977	2.62		25,492	2.74		28,006	2.86		30,625	2.99		33,296	3.11	
H#R-0200MS	95	17,804	2.59		20,119	2.76		22,434	2.92		25,100	3.08		27,766	3.24		30,615	3.40		33,464	3.56		36,625	3.72		39,786	3.87	
H#R-0220MS	95	20,382	3.01		22,899	3.21		25,415	3.41		28,266	3.61		31,116	3.81		34,306	4.01		37,496	4.20		41,031	4.39		44,566	4.57	
H#R-0300MS	95	25,322	3.64		28,595	3.88		31,868	4.11		35,417	4.36		38,965	4.60		43,198	4.83		47,430	5.05		51,879	5.28		56,327	5.50	
H#R-0400MS	95	27,644	4.05		31,226	4.31		34,804	4.57		38,684	4.83		42,560	5.09		46,894	5.34		51,228	5.58		56,027	5.81		60,826	6.03	
H#R-0500MS	95	36,475	4.97		41,233	5.29		45,990	5.60		51,784	5.88		57,577	6.16		63,877	6.43		70,176	6.69		76,809	6.95		83,442	7.21	
H#R-0600MS	95	42,585	5.88		48,202	6.25		53,818	6.62		60,282	6.97		66,745	7.31		73,642	7.65		80,539	7.99		88,728	8.26		96,916	8.53	
H#R-0700MS	95	51,279	7.27		57,781	7.73		64,282	8.19		71,314	8.65		78,346	9.11		85,707	9.51		93,067	9.91		103,826	10.30		112,585	10.68	
H#R-0800MS	95	53,960	7.33		60,609	7.86		67,258	8.38		74,789	8.90		82,320	9.41		91,374	9.89		100,428	10.36		109,976	10.82		119,523	11.28	
H#R-0900MS	95	64,876	9.05		72,760	9.69		80,644	10.32		90,123	10.93		99,602	11.53		109,659	12.15		119,715	12.76		130,863	13.36		142,010	13.95	
H#R-1000MS	95	80,260	10.23		90,711	10.91		101,162	11.58		112,463	12.28		123,764	12.97		137,276	13.63		150,787	14.29		165,014	14.98		179,240	15.67	
H#R-1200MS	95	90,495	12.14		102,342	13.00		114,189	13.85		127,866	14.70		141,543	15.54		156,230	16.39		170,916	17.23		187,370	18.05		203,823	18.87	
H#R-1400MS	95	101,630	14.27		113,878	15.27		126,125	16.27		140,801	17.21		155,476	18.15		171,217	19.12		186,957	20.09		204,499	21.03		222,040	21.97	
H#R-1600MS	95	115,286	16.81		129,056	18.01		142,825	19.21		158,386	20.43		173,946	21.64		191,387	22.84		208,828	24.04		228,238	25.22		247,647	26.39	
H#R-1900MS	95	131,078	19.79		146,545	21.23		162,011	22.66		179,456	24.14		196,900	25.61		215,080	27.19		233,259	28.77		253,045	30.39		272,830	32.00	
H#R-2200MS	95	143,517	21.04		160,144	22.67		176,771	24.29		196,454	25.87		216,156	27.45		236,744	29.10		257,331	30.74		278,008	32.49		298,685	34.23	
H#R-2500MS	95	161,861	26.01		179,953	27.95		198,045	29.89		218,032	31.89		238,019	33.89		259,914	35.94		281,808	37.99		-	-		-	-	
H#R-0050MS	105	4,981	0.88		5,754	0.93		6,527	0.98		7,375	1.03		8,222	1.08		9,258	1.13		10,294	1.17		11,403	1.22		12,511	1.26	
H#R-0070MS	105	6,817	1.20		7,766	1.28		8,714	1.35		9,608	1.43		10,501	1.50		12,150	1.57		13,399	1.64		14,816	1.71		16,233	1.78	
H#R-0100MS	105	8,647	1.52		9,834	1.63		11,021	1.73		12,292	1.84		13,563	1.94		14,980	2.05		16,396	2.15		18,095	2.25		19,794	2.34	
H#R-0150MS	105	13,228	2.19		14,960	2.34		16,691	2.48		18,680	2.63		20,668	2.78		22,927	2.92		25,186	3.06		27,542	3.21		29,897	3.35	
H#R-0200MS	105	16,032	2.69		18,125	2.87		20,217	3.05		22,468	3.24		24,719	3.43		27,419	3.61		30,118	3.78		32,936	3.96		35,754	4.13	
H#R-0220MS	105	18,049	3.13		20,421	3.35		22,792	3.56		25,335	3.79		27,877	4.01		30,932	4.22		33,986	4.42		37,164	4.63		40,342	4.84	
H#R-0300MS	105	22,844	3.79		25,623	4.07		28,401	4.34		31,744	4.61		35,087	4.87		38,883	5.12		42,679	5.37		46,635	5.64		50,590	5.90	
H#R-0400MS	105	24,814	4.20		27,843	4.50		30,871	4.79		34,524	5.07		38,176	5.35		42,027	5.63		45,878	5.90		50,130	6.16		54,381	6.42	
H#R-0500MS	105	32,803	5.14		37,101	5.50		41,398	5.85		46,333	6.19		51,267	6.52		56,875	6.84		62,482	7.15		68,798	7.44		75,113	7.72	
H#R-0600MS	105	37,839	6.11		42,847	6.54		47,854	6.96		53,598	7.36		59,342	7.75		65,865	8.12		72,387	8.48		79,729	8.80		87,071	9.12	
H#R-0700MS	105	45,833	7.62		51,639	8.14		57,444	8.65		64,073	9.15		70,701	9.64		78,196	10.10		85,691	10.56		93,467	11.01		101,243	11.46	
H#R-0700MS	105	47,491	7.52		53,779	8.09		60,067	8.65		67,292	9.20		74,517	9.75		82,182	10.31		89,847	10.86		98,393	11.39		106,938	11.92	
H#R-0900MS	105	58,029	9.27		65,034	9.97		72,039	10.66		80,482	11.34		88,924	12.01		97,787	12.70		106,649	13.38		116,444	14.06		126,238	14.74	
H#R-1000MS	105	71,136	10.47		80,405	11.23		89,674	11.98		100,298	12.74		110,922	13.49		123,011	14.25		135,099	15.00		148,764	15.74		162,428	16.48	
H#R-1200MS	105	80,819	12.33		91,515	13.27		102,210	14.20		114,563	15.14		126,916	16.07		140,095	17.02		153,273	17.97		168,042	18.90		182,810	19.83	
H#R-1400MS	105	91,325	14.95		102,864	16.03		114,402	17.10		127,640	18.17		140,878	19.24		154,973	20.35		169,068	21.46		184,751	22.55		200,433	23.64	
H#R-1600MS	105	104,447	17.41		116,808	18.73		129,168	20.05		143,075	21.39		156,981	22.73		172,523	24.08		188,064	25.42		205,329	26.75		222,594	28.08	
H#R-1900MS	105	118,436	20.42		132,265	21.97		146,093	23.52		161,605	25.13		177,116	26.74		193,045	28.47		208,973	30.20		-	-		-	-	
H#R-2200MS	105	129,451	21.79		145,222	23.51		160,992	25.23		177,528	27.04		194,064	28.85		-	-		-	-		-	-		-	-	
H#R-2500MS	105	145,922	26.84		162,708	28.87		179,793	30.90		-	-		-	-		-	-		-	-		-	-		-	-	

See page 7 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSR Performance

IR Impact - Low Temperature - R-404A

UNIT MODEL	AMB TEMP	EVAP TEMP = -40F			EVAP TEMP = -35F			EVAP TEMP = -30F			EVAP TEMP = -25F			EVAP TEMP = -20F			EVAP TEMP = -15F			EVAP TEMP = -10F			EVAP TEMP = -5F			EVAP TEMP = 0F		
		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]	
H#RR-0050LS	95	1,126	0.42	1,551	0.49	1,976	0.55	2,502	0.61	3,028	0.66	3,643	0.71	4,258	0.76	4,994	0.81	5,729	0.85	6,517	0.88	7,359	0.91	8,251	0.94	9,194	0.97	
H#RR-0070LS	95	1,902	0.58	2,460	0.66	3,017	0.74	3,678	0.82	4,339	0.89	5,103	0.96	5,866	1.03	6,617	1.10	7,468	1.16	8,319	1.19	9,170	1.22	10,021	1.25	10,872	1.28	
H#RR-0100LS	95	2,676	0.74	3,333	0.83	3,990	0.92	4,775	1.02	5,560	1.11	6,345	1.21	7,130	1.30	7,915	1.38	8,700	1.46	9,485	1.50	10,270	1.54	11,055	1.58	11,840	1.62	
H#RR-0150LS	95	4,171	1.09	5,077	1.22	5,983	1.34	7,014	1.47	8,045	1.60	9,345	1.74	10,645	1.88	12,102	2.03	13,559	2.17	15,016	2.31	16,473	2.45	17,930	2.59	19,387	2.73	
H#RR-0200LS	95	5,125	1.32	6,186	1.47	7,246	1.62	8,500	1.79	9,753	1.95	11,249	2.13	12,744	2.31	14,388	2.50	16,032	2.69	17,776	2.87	19,519	3.05	21,262	3.23	23,005	3.40	
H#RR-0220LS	95	6,175	1.49	7,493	1.67	8,811	1.85	10,394	2.04	11,977	2.23	13,899	2.43	15,820	2.62	18,101	2.82	20,382	3.01	22,654	3.20	24,927	3.39	27,170	3.57	29,402	3.75	
H#RR-0300LS	95	7,606	1.82	9,134	2.04	10,662	2.25	12,562	2.49	14,462	2.72	16,759	2.96	19,055	3.20	21,636	3.46	24,217	3.71	26,798	3.95	29,360	4.14	31,922	4.33	34,483	4.52	
H#RR-0400LS	95	8,352	1.99	10,038	2.24	11,724	2.48	13,724	2.75	15,723	3.01	18,237	3.29	20,750	3.56	23,567	3.84	26,384	4.12	29,001	4.31	31,592	4.50	34,199	4.69	36,816	4.88	
H#RR-0500LS	95	9,929	2.38	12,047	2.70	14,164	3.02	16,659	3.37	19,154	3.71	22,123	4.07	25,092	4.43	28,342	4.81	31,592	5.19	34,199	5.38	36,816	5.57	39,433	5.76	42,067	5.95	
H#RR-0600LS	95	11,866	2.79	14,309	3.17	16,751	3.55	19,912	3.96	23,072	4.37	26,701	4.79	30,329	5.21	34,556	5.64	38,782	6.07	42,858	6.46	47,169	6.85	51,476	7.24	55,094	7.63	
H#RR-0650LS	95	15,623	3.59	18,530	4.04	21,436	4.49	25,183	4.97	29,030	5.45	33,220	5.96	37,509	6.47	42,488	6.99	47,467	7.51	52,446	7.99	57,404	8.48	62,362	8.97	67,280	9.46	
H#RR-0700LS	95	14,224	3.34	17,766	3.81	21,307	4.28	25,317	4.79	29,327	5.29	33,994	5.83	38,661	6.36	43,711	6.92	48,761	7.48	53,552	7.96	58,393	8.44	63,020	8.92	67,531	9.39	
H#RR-0900LS	95	18,774	4.27	23,059	4.84	27,343	5.40	32,491	6.00	37,639	6.59	43,739	7.21	49,838	7.83	56,595	8.47	63,352	9.10	70,169	9.68	76,999	10.19	83,829	10.68	91,459	11.17	
H#RR-1000LS	95	21,496	4.85	26,647	5.51	31,798	6.17	37,962	6.86	44,125	7.54	51,053	8.25	57,980	8.95	65,943	9.68	73,905	10.41	81,876	11.12	89,807	11.83	97,728	12.54	105,629	13.25	
H#RR-1200LS	95	24,438	5.66	30,297	6.40	36,155	7.14	42,814	7.94	49,473	8.74	57,246	9.61	65,018	10.47	73,999	11.38	82,979	12.29	91,930	13.00	100,881	13.71	110,832	14.42	120,683	15.13	
H#RR-1400LS	95	29,770	6.99	36,327	7.85	42,883	8.70	50,383	9.64	57,883	10.58	66,614	11.58	75,345	12.58	85,388	13.63	95,430	14.67	105,481	15.66	115,531	16.65	125,582	17.64	135,633	18.63	
H#RR-1600LS	95	34,430	8.13	41,635	9.14	48,839	10.15	57,318	11.26	65,796	12.36	75,637	13.55	85,477	14.73	96,167	16.01	106,857	17.28	117,547	18.42	128,237	19.50	138,927	20.69	149,607	21.87	
H#RR-1900LS	95	41,939	10.06	50,687	11.11	59,435	12.15	69,885	13.32	80,334	14.49	92,125	15.77	103,915	17.05	117,497	18.42	131,078	19.79	146,159	21.04	160,221	22.31	174,373	23.58	188,525	24.85	
H#RR-2200LS	95	42,951	9.40	52,556	10.74	62,161	12.08	74,015	13.51	85,868	14.94	99,254	16.45	112,639	17.95	128,078	19.50	143,517	21.04	164,400	22.59	185,283	24.15	206,156	25.70	226,909	26.81	
H#RR-2500LS	95	51,539	12.44	62,778	13.98	74,017	15.51	86,832	17.16	99,647	18.81	114,545	20.55	129,442	22.29	145,652	24.15	161,861	26.01	183,180	27.56	204,519	29.07	225,258	31.58	245,937	33.59	
H#RR-0050LS	105	836	0.38	1,228	0.46	1,619	0.53	2,095	0.60	2,571	0.66	3,150	0.72	3,728	0.77	4,355	0.83	4,981	0.88	5,607	0.93	6,233	0.98	6,859	1.03	7,485	1.08	
H#RR-0070LS	105	1,496	0.54	2,014	0.63	2,532	0.72	3,135	0.81	3,737	0.89	4,461	0.97	5,185	1.05	5,909	1.13	6,633	1.20	7,357	1.25	8,081	1.30	8,805	1.35	9,529	1.40	
H#RR-0100LS	105	2,116	0.69	2,765	0.80	3,413	0.90	4,139	1.01	4,864	1.11	5,733	1.21	6,602	1.31	7,625	1.42	8,617	1.52	9,610	1.62	10,603	1.72	11,596	1.82	12,589	1.92	
H#RR-0150LS	105	3,498	1.06	4,310	1.20	5,122	1.33	6,111	1.48	7,100	1.62	8,215	1.78	9,330	1.93	10,700	2.09	12,069	2.25	13,438	2.40	14,807	2.55	16,176	2.70	17,545	2.85	
H#RR-0200LS	105	4,344	1.30	5,340	1.46	6,336	1.62	7,486	1.80	8,636	1.98	9,988	2.17	11,339	2.36	12,898	2.56	14,456	2.76	16,014	2.95	17,572	3.14	19,129	3.33	20,694	3.52	
H#RR-0220LS	105	5,131	1.44	6,365	1.64	7,599	1.84	9,047	2.05	10,495	2.25	12,322	2.47	14,149	2.68	16,099	2.91	18,049	3.13	19,999	3.35	21,949	3.57	23,899	3.81	25,849	4.05	
H#RR-0300LS	105	6,573	1.79	8,008	2.03	9,442	2.26	11,191	2.52	12,940	2.77	15,029	3.03	17,118	3.29	19,435	3.57	21,752	3.85	23,561	4.09	25,370	4.31	27,179	4.53	28,988	4.75	
H#RR-0400LS	105	6,973	1.93	8,546	2.20	10,118	2.47	12,032	2.76	13,945	3.05	16,229	3.35	18,512	3.64	21,037	3.95	23,561	4.25	26,080	4.55	28,599	4.85	31,118	5.15	33,637	5.45	
H#RR-0500LS	105	8,347	2.31	10,332	2.65	12,317	2.99	14,600	3.36	16,882	3.73	19,568	4.12	22,234	4.50	25,312	4.91	28,389	5.31	31,450	5.69	34,507	6.07	37,564	6.45	40,621	6.83	
H#RR-0600LS	105	9,830	2.69	12,224	3.11	14,618	3.53	17,527	3.97	20,435	4.41	23,716	4.87	26,997	5.32	30,775	5.79	34,553	6.26	38,079	6.72	42,553	7.18	46,553	7.64	50,553	8.10	
H#RR-0650LS	105	13,066	3.56	15,945	4.05	18,833	4.54	22,516	5.06	26,799	5.58	28,702	6.14	33,605	6.69	38,079	7.26	42,553	7.83	46,553	8.39	50,553	8.91	54,553	9.43	58,553	9.95	
H#RR-0700LS	105	11,812	3.20	15,104	3.70	18,935	4.20	22,060	4.74	25,725	5.27	29,939	5.84	34,153	6.41	38,660	7.02	43,167	7.62	47,171	8.19	51,171	8.71	55,171	9.25	59,171	9.79	
H#RR-0900LS	105	15,553	4.16	19,736	4.76	23,918	5.36	28,652	5.99	33,386	6.62	38,916	7.28	44,445	7.94	50,479	8.63	56,509	9.32	62,042	10.01	68,072	10.69	74,075	11.37	80,108	12.03	
H#RR-1000LS	105	18,154	4.71	22,950	5.40	27,745	6.08	33,374	6.80	39,002	7.52	45,203	8.27	51,404	9.02	58,457	9.81	65,509	10.59	73,562	11.37	81,615	12.13	89,670	12.89	97,775	13.65	
H#RR-1200LS	105	20,550	5.45	25,937	6.22	31,323	6.98	37,336	7.82	43,348	8.66	50,297	9.58	57,246	10.49	65,227	11.46	73,207	12.43	81,168	13.23	89,129	14.09	97,040	14.85	104,901	15.61	
H#RR-1400LS	105	25,786	6.96	31,908	7.89	38,029	8.81	45,175	9.82	52,320	10.82	60,246	11.91	68,172	13.00	77,197	14.15	86,222	15.30	94,273	16.01	102,324	16.77	110,375	17.53	118,426	18.29	
H#RR-1600LS	105	29,994	8.05	36,762	9.13	43,530	10.20	51,327	11.38	59,124	12.56	68,039	13.84	76,953	15.11	86,466	16.49	95,979	17.86	104,901	18.42	112,951	19.18	120,902	20.00	128,853	20.72	
H#RR-1900LS	105	35,919	10.10	44,147	11.20	52,374	12.30	61,984	13.54	71,593	14.78	82,775	16.13	93,957	17.48	106,197	18.95	118,436	20.42	129,671	21.79	142,146	22.59	154,656	23.87	166,666	24.95	
H#RR-2200LS	105	36,680	9.18	46,025	10.63	55,369	1																					

See page 7 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSD Specifications

Copeland Discus – High Temperature – R-22

UNIT MODEL	COMPRESSOR MODEL	208 /1/60		208 /3/60		380/3/50		460/3/60		575/3/60	REF LINE CONNECTIONS		RCVR STD DIAXHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	COMP	FLA	RLA	LIQ OD IN	SUCT OD IN			
H##D-0500HV	2DC3R53KE	-	-	22.3	4.4	10.4	2.2	10.4	2.2	7.7	1.8	1/2	1-3/8	8 5/8 x 30	53.9	800	C
H##D-0501HV	2DD3R63KE	-	-	22.3	4.4	10.5	2.2	10.5	2.2	7.9	1.8	5/8	1-3/8	10 3/4 x 30	82.3	800	C
H##D-0750HV	2DL3R78KE	-	-	31.6	4.4	13.8	2.2	13.8	2.2	13.2	1.8	5/8	1-3/8	12 3/4 x 30	100.1	800	D
H##D-0751HV	2DA3R89KE	-	-	32	6.8	14.1	3.4	14.1	3.4	13.3	2.7	5/8	1-3/8	12 3/4 x 30	100.1	1250	E
H##D-0752HV	3DA3R10ME	-	-	41	6.8	20	3.4	20	3.4	16.5	2.7	5/8	1-3/8	12 3/4 x 30	100.1	1250	E
H##D-1000HV	3DE3R12ME	-	-	43.6	6.8	20	3.4	20	3.4	16.5	2.7	7/8	1-3/8	12 3/4 x 30	100.1	1250	F
H##D-1200HV	3DF3R15ME	-	-	48.2	8.7	23.6	4.4	23.6	4.4	-	-	7/8	1-3/8	12 3/4 x 30	100.1	1575	J
H##D-1500HV	3DS3R17ME	-	-	59.6	8.7	29	4.4	29	4.4	23.6	3.5	7/8	1-5/8	12 3/4 x 30	100.1	1575	J

Copeland Discus – Low Temperature – R-22

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208 /3/60		380/3/50		460/3/60		575/3/60	REF LINE CONNECTIONS		RCVR STD DIAXHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	COMP	FLA	RLA	LIQ OD IN	SUCT OD IN			
H##D-0300LV	2DF3F16KE	25.8	2.5	16.8	2.5	8.1	1.3	8.1	1.3	6.7	1.0	1/2	1-3/8	6 x 23	21.4	800	B
H##D-0400LV	2DL3F20KE	-	-	26.3	2.5	10.2	1.3	10.2	1.3	7.7	1.0	5/8	1-3/8	6 x 30	27.9	800	B
H##D-0600LV	2DB3F25KE	-	-	28.2	2.5	13.3	1.3	13.3	1.3	9.6	1.0	5/8	1-3/8	6 x 30	27.9	800	B
H##D-0601LV	3DA3F28KE	-	-	30.3	4.4	13.7	2.2	13.7	2.2	10.5	1.8	5/8	1-3/8	8 5/8 x 30	53.9	800	C
H##D-0750LV	3DB3F33KE	-	-	31.5	6.8	16.1	3.4	16.1	3.4	11	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1250	E
H##D-0900LV	3DF3F40KE	-	-	39	6.8	16.9	3.4	16.9	3.4	16.5	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1250	E
H##D-1000LV	3DS3F46KE	-	-	42	6.8	18.6	3.4	18.6	3.4	16.8	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1250	E
H##D-1500LV	4DL3F63KE	-	-	52.6	6.8	26.3	3.4	26.3	3.4	20.9	2.7	7/8	1-5/8	12 3/4 x 30	100.1	1250	F
H##D-2200LV	4DT3F76KE	-	-	66	8.7	33	4.4	33	4.4	24.2	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J

RECEIVER SIZE AND CAPACITY

RECEIVER SIZE	CAPACITY – 90% FULL	
	R-22 (LBS)	R-404A/R-507 (LBS)
A 6 x 12	12.8	11.1
B 6 x 18	19.2	16.7
C 6 x 23	24.6	21.4
D 6 x 30	32.0	27.9
E 8-5/8 x 30	62.0	53.9
F 10-3/4 x 30	94.6	82.3
G 10-3/4 x 38	122.0	106.2
H 12-3/4 x 30	115.0	100.1

CABINET SIZE

	L	W	H
SMALL	41.750	32.320	24.471
MEDIUM	48.000	34.105	41.946
LARGE	84.000	35.072	41.891
X-LARGE	99.000	35.002	54.424

H-Series Condensing Units

HTSD Specifications

Copeland Discus - High Temperature - R-404A

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD IN	SUCT OD IN					
H##D-0500HS	2DC3R53KE	-	-	22.3	4.4	10.4	2.2	10.4	2.2	7.7	1.8	1/2	1-3/8	8 5/8 x 30	53.9	800	C	MEDIUM
H##D-0501HS	2DD3R63KE	-	-	22.3	4.4	10.5	2.2	10.5	2.2	7.9	1.8	5/8	1-3/8	10 3/4 x 30	82.3	800	C	MEDIUM
H##D-0750HS	2DL3R78KE	-	-	31.6	4.4	13.8	2.2	13.8	2.2	13.2	1.8	5/8	1-3/8	12 3/4 x 30	100.1	800	D	MEDIUM
H##D-0751HS	2DA3R89KE	-	-	32	6.8	14.1	3.4	14.1	3.4	13.3	2.7	5/8	1-3/8	12 3/4 x 30	100.1	1250	E	LARGE
H##D-0752HS	3DA3R10ME	-	-	41	6.8	20	3.4	20	3.4	16.5	2.7	5/8	1-3/8	12 3/4 x 30	100.1	1250	E	LARGE
H##D-1000HS	3DB3R12ME	-	-	43.6	6.8	20	3.4	20	3.4	16.5	2.7	7/8	1-3/8	12 3/4 x 30	100.1	1250	E	LARGE
H##D-1200HS	3DF3R15ME	-	-	48.2	8.7	23.6	4.4	23.6	4.4	-	-	7/8	1-3/8	12 3/4 x 30	100.1	1575	J	X-LARGE
H##D-1500HS	3DS3R17ME	-	-	59.6	8.7	29	4.4	29	4.4	23.6	3.5	7/8	1-5/8	12 3/4 x 30	100.1	1575	J	X-LARGE

Copeland Discus - Low Temperature - R-404A

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD IN	SUCT OD IN					
H##D-0300LS	2DF3F16KE	25.8	2.5	16.8	2.5	8.1	1.3	8.1	1.3	6.7	1.0	1/2	1-3/8	6 x 23	21.4	800	B	MEDIUM
H##D-0400LS	2DL3F20KE	-	-	26.3	2.5	10.2	1.3	10.2	1.3	7.7	1.0	5/8	1-3/8	6 x 30	27.9	800	B	MEDIUM
H##D-0600LS	2DB3F25KE	-	-	28.2	4.4	13.3	2.2	13.3	2.2	9.6	1.8	5/8	1-3/8	6 x 30	27.9	800	C	MEDIUM
H##D-0601LS	3DA3F28KE	-	-	30.3	4.4	13.7	2.2	13.7	2.2	10.5	1.8	5/8	1-3/8	8 5/8 x 30	53.9	800	D	MEDIUM
H##D-0750LS	3DB3F33KE	-	-	31.5	6.8	16.1	3.4	16.1	3.4	11	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1250	E	LARGE
H##D-0900LS	3DF3F40KE	-	-	39	6.8	16.9	3.4	16.9	3.4	16.5	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1250	E	LARGE
H##D-1000LS	3DS3F46KE	-	-	42	6.8	18.6	3.4	18.6	3.4	16.8	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1250	E	LARGE
H##D-1001LS	4DA3F47KL	-	-	45.2	6.8	22.6	3.4	22.6	3.4	17.5	2.7	7/8	1-5/8	12 3/4 x 30	100.1	1250	E	LARGE
H##D-1500LS	4DL3F63KE	-	-	52.6	6.8	26.3	3.4	26.3	3.4	20.9	2.7	7/8	1-5/8	12 3/4 x 30	100.1	1250	F	LARGE
H##D-2200LS	4DT3F76KE	-	-	66	8.7	33	4.4	33	4.4	24.2	3.5	7/8	2-1/8	12 3/4 x 30	100.1	1575	J	X-LARGE

See page 14 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSD Performance

Copeland Discus - High Temperature - R-22

UNIT MODEL	AMB TEMP	EVAP TEMP = 0F		EVAP TEMP = 5F		EVAP TEMP = 10F		EVAP TEMP = 15F		EVAP TEMP = 20F		EVAP TEMP = 25F		EVAP TEMP = 30F		EVAP TEMP = 35F		EVAP TEMP = 40F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#D-0500HV	95	22,843	2.98	26,439	3.20	30,034	3.42	34,304	3.62	38,573	3.81	43,301	4.00	48,028	4.18	53,448	4.35	58,867	4.51
H#D-0500HV	95	26,536	3.51	30,611	3.77	34,886	4.02	39,322	4.26	43,958	4.50	49,248	4.73	54,538	4.96	60,576	5.17	66,813	5.37
H#D-0750HV	95	33,842	4.42	38,949	4.77	44,056	5.11	49,737	5.43	55,417	5.74	61,576	6.05	67,735	6.35	74,693	6.64	81,651	6.92
H#D-0750HV	95	39,367	4.93	45,664	5.32	51,940	5.70	58,875	6.02	65,809	6.34	73,306	6.63	80,809	6.92	89,554	7.14	98,305	7.35
H#D-0750HV	95	50,071	6.51	56,723	6.86	63,375	7.21	70,845	7.56	78,314	7.91	87,224	8.21	96,133	8.50	105,974	8.80	115,815	9.09
H#D-1000HV	95	60,379	7.81	68,040	8.21	75,701	8.61	84,612	8.99	93,522	9.36	103,471	9.75	113,420	10.13	124,801	10.49	136,182	10.85
H#D-1200HV	95	70,992	9.12	80,164	9.61	89,345	10.10	100,252	10.59	111,158	11.07	123,770	11.54	136,382	12.00	150,692	12.43	164,981	12.84
H#D-1500HV	95	80,510	10.36	90,965	10.95	101,419	11.53	113,440	12.08	125,460	12.63	138,810	13.18	152,150	13.73	168,002	14.17	183,844	14.60
H#D-0500HV	105	20,288	3.05	23,860	3.30	27,432	3.54	31,329	3.78	35,225	4.02	39,664	4.25	44,102	4.47	49,173	4.68	54,244	4.88
H#D-0500HV	105	24,079	3.61	27,971	3.90	31,962	4.18	36,251	4.46	40,640	4.73	45,620	5.00	50,599	5.27	56,262	5.52	61,925	5.77
H#D-0750HV	105	30,826	4.58	35,820	4.96	40,814	5.33	45,947	5.71	51,080	6.08	57,057	6.42	63,033	6.75	69,522	7.09	76,011	7.42
H#D-0750HV	105	35,264	5.06	41,427	5.52	47,590	5.97	54,255	6.36	60,919	6.75	68,272	7.08	75,624	7.40	83,501	7.71	91,377	8.02
H#D-0750HV	105	46,191	6.81	52,486	7.21	58,780	7.61	66,072	8.00	73,364	8.38	81,449	8.77	89,534	9.15	98,734	9.52	107,933	9.88
H#D-1000HV	105	56,424	8.15	63,697	8.61	70,969	9.06	79,079	9.54	87,189	10.01	96,876	10.44	106,563	10.86	117,267	11.30	127,970	11.73
H#D-1200HV	105	66,169	9.66	74,710	10.20	83,251	10.74	93,418	11.30	103,584	11.85	115,357	12.40	127,130	12.94	140,491	13.46	153,851	13.98
H#D-1500HV	105	75,667	10.95	85,441	11.61	95,215	12.27	106,391	12.90	117,567	13.53	130,414	14.12	143,260	14.71	157,444	15.30	171,628	15.89

Copeland Discus - Low Temperature - R-22

UNIT MODEL	AMB TEMP	EVAP TEMP = -40F		EVAP TEMP = -35F		EVAP TEMP = -30F		EVAP TEMP = -25F		EVAP TEMP = -20F		EVAP TEMP = -15F		EVAP TEMP = -10F		EVAP TEMP = -5F		EVAP TEMP = 0F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#D-0300LV	95	7,720	2.00	9,598	2.27	11,476	2.53	13,713	2.76	15,949	2.99	18,684	3.23	21,418	3.46	24,956	3.74	28,493	4.02
H#D-0400LV	95	9,072	2.42	11,261	2.70	13,450	2.98	16,170	3.27	18,890	3.55	22,162	3.84	25,434	4.13	29,057	4.43	32,679	4.73
H#D-0600LV	95	11,676	2.99	14,219	3.32	16,762	3.65	19,836	3.99	22,909	4.33	26,685	4.68	30,460	5.03	34,762	5.42	39,063	5.81
H#D-0601LV	95	13,596	3.52	16,504	3.91	19,411	4.29	23,110	4.67	26,809	5.04	31,198	5.42	35,587	5.80	40,715	6.22	45,842	6.64
H#D-0750LV	95	18,091	4.23	21,932	4.65	25,773	5.07	30,152	5.50	34,531	5.93	39,843	6.37	45,155	6.80	51,665	7.25	58,174	7.70
H#D-0900LV	95	20,549	5.28	25,172	5.73	29,794	6.18	35,429	6.71	41,063	7.23	47,577	7.80	54,090	8.36	61,894	8.89	69,697	9.41
H#D-1000LV	95	22,238	5.86	27,210	6.38	32,182	6.90	38,138	7.45	44,093	8.00	51,000	8.61	57,907	9.21	66,413	9.85	74,919	10.48
H#D-1500LV	95	30,442	8.21	37,178	9.06	43,914	9.90	52,053	10.72	60,192	11.54	69,506	12.42	78,820	13.29	89,906	14.22	100,992	15.14
H#D-2200LV	95	37,558	9.69	45,939	10.70	54,320	11.70	63,334	12.57	72,348	13.43	83,293	14.32	94,237	15.20	108,411	16.26	122,584	17.32
H#D-0300LV	105	6,440	1.91	8,186	2.22	9,932	2.53	12,032	2.80	14,132	3.06	16,766	3.32	19,399	3.57	22,543	3.86	25,687	4.14
H#D-0400LV	105	7,812	2.40	9,754	2.71	11,696	3.01	14,324	3.32	16,951	3.62	19,886	3.94	22,821	4.26	26,347	4.58	29,872	4.89
H#D-0600LV	105	10,243	3.00	12,565	3.35	14,887	3.69	17,743	4.05	20,599	4.41	24,161	4.79	27,722	5.17	31,804	5.59	35,886	6.01
H#D-0601LV	105	11,457	3.48	14,383	3.92	17,308	4.36	20,704	4.79	24,099	5.22	28,210	5.65	32,320	6.07	37,278	6.51	42,235	6.94
H#D-0750LV	105	15,370	4.30	19,060	4.76	22,749	5.21	26,924	5.68	31,098	6.15	36,355	6.62	41,612	7.08	47,855	7.57	54,097	8.05
H#D-0900LV	105	18,241	5.41	22,332	5.89	26,423	6.37	31,706	6.93	36,988	7.49	43,436	8.08	49,883	8.67	57,209	9.28	64,535	9.88
H#D-1000LV	105	19,749	6.07	24,308	6.61	28,866	7.14	34,416	7.73	39,965	8.31	46,711	8.95	53,457	9.59	61,307	10.31	69,157	11.03
H#D-1500LV	105	25,854	8.36	32,462	9.28	39,070	10.19	46,502	11.13	53,933	12.06	62,756	13.03	71,579	14.00	82,128	15.03	92,676	16.06
H#D-2200LV	105	33,393	9.92	41,715	11.03	50,037	12.14	58,636	13.11	67,235	14.08	77,627	15.06	88,019	16.03	101,053	17.22	114,087	18.41

See page 14 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSD Performance

Copeland Discus - High Temperature - R-404A

UNIT MODEL	AMB TEMP	EVAP TEMP = 0F		EVAP TEMP = 5F		EVAP TEMP = 10F		EVAP TEMP = 15F		EVAP TEMP = 20F		EVAP TEMP = 25F		EVAP TEMP = 30F		EVAP TEMP = 35F		EVAP TEMP = 40F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#D-0500HS	95	24,528	3.46	27,867	3.67	31,205	3.87	35,145	4.07	39,085	4.26	43,336	4.46	47,587	4.65	52,299	4.83	57,010	5.00
H#D-0501HS	95	29,203	4.11	33,083	4.35	36,963	4.59	41,295	4.85	45,627	5.10	50,488	5.35	55,348	5.60	60,656	5.82	65,964	6.04
H#D-0750HS	95	36,163	5.16	40,744	5.46	45,325	5.76	50,401	6.07	55,476	6.38	60,821	6.71	66,166	7.04	72,429	7.34	78,692	7.63
H#D-0751HS	95	44,807	5.90	50,426	6.20	56,045	6.50	62,328	6.80	68,611	7.10	75,446	7.41	82,280	7.72	90,547	8.00	98,813	8.27
H#D-0752HS	95	51,647	7.06	57,919	7.46	64,191	7.84	71,464	8.20	78,736	8.55	86,561	8.91	94,386	9.27	103,052	9.60	111,717	9.92
H#D-1000HS	95	61,286	8.67	68,123	9.17	74,960	9.66	83,096	10.12	91,231	10.57	99,960	11.03	108,689	11.49	118,473	11.93	128,296	12.36
H#D-1200HS	95	78,644	10.60	87,897	11.17	97,150	11.74	107,892	12.30	118,634	12.86	131,015	13.41	143,396	13.95	156,637	14.54	169,878	15.12
H#D-1500HS	95	86,294	11.80	96,429	12.44	106,564	13.07	118,318	13.70	130,072	14.33	142,787	15.00	155,502	15.67	170,788	16.27	186,074	16.87
H#D-0500HS	105	22,048	3.57	25,030	3.79	28,011	4.01	31,518	4.23	35,024	4.45	38,772	4.68	42,519	4.90	46,653	5.11	50,787	5.31
H#D-0501HS	105	26,369	4.26	29,813	4.52	33,257	4.77	37,068	5.05	40,878	5.33	45,131	5.61	49,383	5.89	53,996	6.15	58,608	6.41
H#D-0750HS	105	32,766	5.34	36,877	5.67	40,988	5.99	45,476	6.34	49,963	6.68	54,986	7.03	60,008	7.37	65,060	7.73	70,111	8.09
H#D-0751HS	105	40,721	6.11	45,667	6.46	50,413	6.81	55,983	7.16	61,562	7.50	67,949	7.84	74,345	8.17	81,674	8.50	89,002	8.83
H#D-0752HS	105	47,275	7.42	52,855	7.85	58,435	8.28	64,823	8.69	71,210	9.10	78,452	9.48	85,694	9.85	93,243	10.24	100,791	10.62
H#D-1000HS	105	55,519	9.07	61,956	9.60	68,393	10.13	75,646	10.64	82,898	11.15	90,547	11.67	98,195	12.19	106,703	12.69	115,211	13.19
H#D-1200HS	105	71,487	11.11	79,739	11.74	87,990	12.37	96,409	12.97	108	13.57	117,122	14.19	130,062	14.81	141,674	15.48	153,286	16.15
H#D-1500HS	105	78,378	12.35	87,406	13.06	96,434	13.77	106,778	14.48	117,122	15.19	128,949	15.90	140,775	16.61	154,249	17.31	167,722	18.01

Copeland Discus - Low Temperature - R-404A

UNIT MODEL	AMB TEMP	EVAP TEMP = -40F		EVAP TEMP = -35F		EVAP TEMP = -30F		EVAP TEMP = -25F		EVAP TEMP = -20F		EVAP TEMP = -15F		EVAP TEMP = -10F		EVAP TEMP = -5F		EVAP TEMP = 0F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#D-0300LS	95	10,330	2.57	12,411	2.88	14,491	3.19	16,849	3.48	19,206	3.76	21,935	4.04	24,664	4.31	27,774	4.59	30,883	4.86
H#D-0400LS	95	12,063	2.88	14,312	3.20	16,561	3.51	19,301	3.83	22,041	4.14	24,918	4.47	27,794	4.80	31,234	5.13	34,674	5.45
H#D-0600LS	95	15,115	3.47	18,074	3.86	21,032	4.25	24,309	4.63	27,586	5.01	31,316	5.39	35,046	5.77	39,262	6.16	43,478	6.54
H#D-0601LS	95	17,836	4.12	20,911	4.53	23,986	4.93	27,532	5.35	31,078	5.76	35,191	6.19	39,304	6.61	43,973	7.05	48,641	7.48
H#D-0750LS	95	21,639	4.85	25,535	5.33	29,431	5.81	33,842	6.28	38,252	6.74	43,449	7.21	48,645	7.67	54,779	8.16	60,913	8.65
H#D-0900LS	95	26,032	5.81	30,549	6.40	35,066	6.98	40,455	7.59	45,843	8.19	52,202	8.81	58,560	9.43	65,643	10.08	72,726	10.72
H#D-1000LS	95	30,008	6.56	34,997	7.24	39,986	7.92	45,806	8.61	51,626	9.30	58,064	10.02	64,501	10.73	72,129	11.42	79,757	12.10
H#D-1001LS	95	29,121	6.76	34,951	7.56	40,781	8.36	48,636	9.10	52,491	9.83	59,391	10.52	66,290	11.20	74,171	11.93	82,051	12.65
H#D-1500LS	95	38,528	9.15	45,569	10.11	52,609	11.06	60,404	11.95	69,198	12.84	78,538	13.74	84,878	14.64	94,577	15.59	104,276	16.54
H#D-2200LS	95	48,270	10.52	57,223	11.69	66,176	12.86	75,819	13.94	85,461	15.02	96,132	16.06	106,803	17.09	118,155	18.19	129,506	19.29
H#D-0300LS	105	8,744	2.48	10,664	2.83	12,584	3.17	14,874	3.49	17,164	3.81	19,631	4.11	22,098	4.41	24,850	4.70	27,602	4.99
H#D-0400LS	105	10,377	2.84	12,568	3.18	14,658	3.51	17,040	3.86	19,422	4.20	22,132	4.55	24,842	4.90	27,917	5.25	30,991	5.60
H#D-0600LS	105	13,376	3.47	16,025	3.90	18,674	4.32	21,787	4.72	24,899	5.12	28,253	5.53	31,607	5.93	35,353	6.34	39,098	6.75
H#D-0601LS	105	15,467	4.07	18,416	4.54	21,364	5.00	24,806	5.46	28,247	5.91	32,006	6.38	35,764	6.84	39,967	7.32	44,170	7.80
H#D-0750LS	105	19,332	4.86	22,968	5.40	26,604	5.94	30,700	6.47	34,796	6.99	39,724	7.50	44,651	8.00	49,899	8.56	55,146	9.12
H#D-0900LS	105	23,134	5.86	27,576	6.50	32,017	7.14	37,034	7.80	42,051	8.46	47,621	9.15	53,190	9.84	59,876	10.52	66,562	11.19
H#D-1000LS	105	27,093	6.59	31,831	7.33	36,568	8.07	41,740	8.84	46,911	9.60	53,027	10.36	59,143	11.12	65,691	11.88	72,239	12.64
H#D-1001LS	105	24,840	6.52	30,447	7.47	36,054	8.41	41,890	9.26	47,726	10.10	54,103	10.88	60,479	11.66	67,552	12.46	74,624	13.25
H#D-1500LS	105	33,749	9.09	40,410	10.15	47,071	11.21	54,319	12.21	61,566	13.21	69,264	14.23	76,962	15.23	85,690	16.29	94,617	17.35
H#D-2200LS	105	42,079	10.36	50,673	11.69	59,266	13.02	68,312	14.23	77,358	15.44	86,672	16.63	95,986	17.82	106,852	18.98	117,717	20.13

See page 14 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSS Specifications

Copeland Semi-Hermetic - Medium Temperature - R-22

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP RLA	FAN RLA	COMP RLA	FAN RLA	COMP RLA	FAN RLA	COMP RLA	FAN FLA	COMP RLA	FAN FLA	LIQ OD IN	SUCT OD IN					
H##S-0050MV	HAI#-005E	3.7	2.5	2.2	2.5	-	-	-	-	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0070MV	KAN#-007E	5.4	2.5	-	-	-	-	-	-	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0071MV	KAE#-007E	5.4	2.5	3.4	2.5	-	-	-	-	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0100MV	KAR#-010E	7.4	2.5	4.3	2.5	2	1.3	2	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0201MV	ERC#-021E	-	-	8.8	2.5	3.5	1.3	3.5	1.3	-	-	1/2	7/8	6 x 30	27.9	400	A	SMALL
H##S-0300MV	ERF#-031E	17	2.5	12.4	2.5	5.8	1.3	5.8	1.3	-	-	1/2	1-1/8	6 x 30	27.9	400	A	SMALL
H##S-0301MV	3RA#-031E	-	-	14.2	2.5	6.3	1.3	6.3	1.3	-	-	1/2	1-1/8	6 x 30	27.9	550	B	MEDIUM

Copeland Semi-Hermetic - Low Temperature - R-22

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP RLA	FAN RLA	COMP RLA	FAN RLA	COMP RLA	FAN RLA	COMP RLA	FAN FLA	COMP RLA	FAN FLA	LIQ OD IN	SUCT OD IN					
H##S-0070LV	KAM#-007E	5.4	2.5	3.4	2.5	-	-	-	-	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0100LV	KAJ#-010E	6.9	2.5	4.6	2.5	2.1	1.3	2.1	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0200LV	EAV#-021E	14.7	2.5	7.4	2.5	3.9	1.3	3.9	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0201LV	EAD#-021E	10	2.5	6.8	2.5	-	-	-	-	-	-	1/2	7/8	6 x 23	21.4	400	A	SMALL
H##S-0250LV	LAH#-032E	16.7	2.5	12.8	2.5	4.1	1.3	4.1	1.3	-	-	1/2	1-1/8	6 x 23	21.4	550	B	MEDIUM

Copeland Semi-Hermetic - Medium Temperature - R-404A

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP RLA	FAN RLA	COMP RLA	FAN RLA	COMP RLA	FAN RLA	COMP RLA	FAN FLA	COMP RLA	FAN FLA	LIQ OD IN	SUCT OD IN					
H##S-0050MS	HAI#-005E	3.7	2.5	2.2	2.5	-	-	-	-	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0100MS	KAR#-010E	7.4	2.5	4.3	2.5	2	1.3	2	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0101MS	KAG#-010E	7.5	2.5	4.3	2.5	2.2	1.3	2.2	1.3	-	-	1/2	7/8	6 x 23	21.4	400	A	SMALL
H##S-0200MS	KAK#-021E	10.6	2.5	6.8	2.5	3	1.3	3	1.3	-	-	1/2	7/8	6 x 23	21.4	400	A	SMALL
H##S-0201MS	ERC#-021E	-	-	8.8	2.5	3.5	1.3	3.5	1.3	-	-	1/2	7/8	6 x 23	21.4	400	A	SMALL
H##S-0300MS	ERF#-031E	17	2.5	12.4	2.5	5.8	1.3	5.8	1.3	-	-	1/2	1-1/8	6 x 23	21.4	550	B	MEDIUM
H##S-0301MS	3RA#-031E	-	-	14.2	2.5	6.3	1.3	6.3	1.3	-	-	1/2	1-1/8	6 x 30	27.9	550	B	MEDIUM
H##S-0400MS	NRB#-040E	-	-	21.8	2.5	14.1	1.3	14.1	1.3	-	-	1/2	1-1/8	8 5/8 x 30	53.9	550	B	MEDIUM

Copeland Semi-Hermetic - Low Temperature - R-404A

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD DIAxHGT IN	RCVR CAP LBS	EST SHIP WEIGHT LBS	DEFAULT CONDENSER	CABINET SIZE
		COMP RLA	FAN RLA	COMP RLA	FAN RLA	COMP RLA	FAN RLA	COMP RLA	FAN FLA	COMP RLA	FAN FLA	LIQ OD IN	SUCT OD IN					
H##S-0050LS	KAN#-005E	3.6	2.5	2.2	2.5	-	-	-	-	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0070LS	KAM#-007E	5.4	2.5	3.4	2.5	-	-	-	-	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0100LS	KAJ#-010E	6.9	2.5	4.6	2.5	2.1	1.3	2.1	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0150LS	KAL#-015E	9.9	2.5	6.6	2.5	3.4	1.3	3.4	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##S-0200LS	EAV#-021E	14.7	2.5	7.4	2.5	3.9	1.3	3.9	1.3	-	-	1/2	7/8	6 x 23	21.4	400	A	SMALL
H##S-0250LS	LAH#-032E	16.7	2.5	12.8	2.5	4.1	1.3	4.1	1.3	-	-	1/2	1-1/8	6 x 23	21.4	550	B	MEDIUM

RECEIVER SIZE AND CAPACITY

RECEIVER SIZE		CAPACITY- 90% FULL	
		R-22 (LBS)	R-404A/R-507 (LBS)
A	6 x 12	12.8	11.1
B	6 x 18	19.2	16.7
C	6 x 23	24.6	21.4
D	6 x 30	32.0	27.9
E	8-5/8 x 30	62.0	53.9
F	10-3/4 x 30	94.6	82.3
G	10-3/4 x 38	122.0	106.2
H	12-3/4 x 30	115.0	100.1

CABINET SIZE

	L	W	H
SMALL	41.750	32.320	24.471
MEDIUM	48.000	34.105	41.946
LARGE	84.000	35.072	41.891
X-LARGE	99.000	35.002	54.424

H-Series Condensing Units

HTSS Performance

Copeland Semi-Hermetic - Medium Temperature - R-22

UNIT MODEL	AMB TEMP	EVAP TEMP = 0F		EVAP TEMP = 5F		EVAP TEMP = 10F		EVAP TEMP = 15F		EVAP TEMP = 20F		EVAP TEMP = 25F		EVAP TEMP = 30F		EVAP TEMP = 35F		EVAP TEMP = 40F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#S-0050MV	95	2,644	0.43	3,055	0.45	3,465	0.47	3,956	0.49	4,446	0.51	5,014	0.53	5,581	0.55	6,258	0.57	6,935	0.58
H#S-0070MV	95	3,354	0.56	3,992	0.58	4,630	0.59	5,337	0.62	6,044	0.65	6,911	0.68	7,778	0.70	8,800	0.72	9,822	0.73
H#S-0071MV	95	4,344	0.69	4,952	0.74	5,560	0.78	6,315	0.82	7,069	0.86	7,927	0.90	8,785	0.94	9,679	0.98	10,572	1.02
H#S-0100MV	95	5,296	0.83	6,028	0.89	6,760	0.94	7,673	1.00	8,586	1.05	9,629	1.11	10,671	1.17	11,884	1.22	13,096	1.27
H#S-0201MV	95	9,247	1.50	10,680	1.62	12,112	1.73	13,868	1.83	15,623	1.93	17,713	2.05	19,802	2.16	22,007	2.33	24,212	2.49
H#S-0300MV	95	11,408	1.81	12,925	1.93	14,441	2.04	16,276	2.14	18,110	2.24	20,226	2.32	22,341	2.40	24,988	2.44	27,634	2.48
H#S-0301MV	95	17,248	2.83	19,826	3.04	22,404	3.25	25,169	3.44	27,934	3.63	31,046	3.81	-	-	-	-	-	-
H#S-0050MV	105	2,397	0.44	2,779	0.47	3,161	0.49	3,618	0.52	4,075	0.54	4,604	0.57	5,132	0.59	5,764	0.61	6,396	0.63
H#S-0070MV	105	2,929	0.57	3,553	0.59	4,177	0.61	4,881	0.65	5,585	0.68	6,378	0.72	7,170	0.75	8,125	0.77	9,079	0.79
H#S-0071MV	105	3,954	0.72	4,544	0.77	5,133	0.81	5,809	0.86	6,485	0.90	7,275	0.95	8,064	0.99	8,920	1.04	9,776	1.08
H#S-0100MV	105	4,858	0.84	5,560	0.90	6,281	0.96	7,076	1.03	7,890	1.09	8,851	1.16	9,811	1.23	10,930	1.29	12,049	1.35
H#S-0201MV	105	8,371	1.54	9,746	1.67	11,121	1.79	12,738	1.91	14,355	2.03	16,179	2.17	18,002	2.31	20,198	2.48	22,393	2.65
H#S-0300MV	105	9,957	1.87	11,393	1.99	12,829	2.11	14,380	2.23	15,930	2.35	17,958	2.45	19,985	2.54	22,414	2.60	24,842	2.66
H#S-0301MV	105	15,590	2.91	18,030	3.15	20,469	3.39	23,119	3.61	25,768	3.83	28,788	4.04	-	-	-	-	-	-

Copeland Semi-Hermetic - Low Temperature - R-22

UNIT MODEL	AMB TEMP	EVAP TEMP = -40F			EVAP TEMP = -35F			EVAP TEMP = -30F			EVAP TEMP = -25F			EVAP TEMP = -20F			EVAP TEMP = -15F			EVAP TEMP = -10F			EVAP TEMP = -5F			EVAP TEMP = 0F		
		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]	
H#S-0070LV	95	1,399	0.44		1,789	0.49		2,178	0.54		2,653	0.59		3,128	0.64		3,706	0.69		4,283	0.74		4,931	0.79		5,579	0.83	
H#S-0100LV	95	2,134	0.65		2,634	0.70		3,134	0.75		3,724	0.81		4,313	0.86		5,039	0.92		5,765	0.98		6,632	1.04		7,498	1.10	
H#S-0201LV	95	3,272	0.93		4,088	1.05		4,904	1.17		5,893	1.29		6,882	1.41		8,072	1.54		9,262	1.66		10,622	1.79		11,982	1.92	
H#S-0200LV	95	3,987	1.07		4,715	1.17		5,443	1.27		6,631	1.41		7,819	1.55		9,287	1.72		10,755	1.88		12,395	2.04		14,035	2.19	
H#S-0250LV	95	5,591	1.50		6,941	1.68		8,291	1.85		10,267	2.08		12,243	2.30		14,698	2.55		17,152	2.80		19,810	3.04		22,468	3.28	
H#S-0070LV	105	1,148	0.43		1,521	0.49		1,893	0.54		2,342	0.59		2,791	0.64		3,334	0.70		3,877	0.75		4,507	0.81		5,136	0.86	
H#S-0100LV	105	1,876	0.64		2,351	0.70		2,826	0.76		3,378	0.82		3,930	0.88		4,607	0.95		5,284	1.01		6,119	1.08		6,954	1.14	
H#S-0201LV	105	2,817	0.91		3,560	1.04		4,302	1.16		5,210	1.30		6,117	1.43		7,217	1.57		8,316	1.70		9,635	1.84		10,953	1.98	
H#S-0200LV	105	3,524	1.05		4,207	1.16		4,890	1.27		5,947	1.42		7,004	1.57		8,407	1.74		9,810	1.91		11,256	2.09		12,701	2.26	
H#S-0250LV	105	4,906	1.48		6,169	1.67		7,431	1.86		9,270	2.11		11,109	2.35		13,394	2.62		15,658	2.88		18,084	3.15		20,509	3.41	

See page 18 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSS Performance

Copeland Semi-Hermetic - Medium Temperature - R-404A

UNIT MODEL	AMB TEMP	EVAP TEMP = 0F		EVAP TEMP = 5F		EVAP TEMP = 10F		EVAP TEMP = 15F		EVAP TEMP = 20F		EVAP TEMP = 25F		EVAP TEMP = 30F		EVAP TEMP = 35F		EVAP TEMP = 40F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#S-0050MS	95	2,901	0.52	3,306	0.55	3,710	0.57	4,173	0.60	4,636	0.62	5,233	0.64	-	-	-	-	-	-
H#S-0100MS	95	5,638	0.99	6,368	1.05	7,077	1.11	7,902	1.17	8,727	1.22	9,743	1.26	-	-	-	-	-	-
H#S-0101MS	105	5,635	1.03	7,468	1.09	8,301	1.15	9,291	1.21	10,281	1.26	11,456	1.31	-	-	-	-	-	-
H#S-0200MS	95	9,161	1.85	10,243	1.92	11,325	1.98	12,588	2.05	13,851	2.11	15,269	2.20	-	-	-	-	-	-
H#S-0201MS	105	9,163	1.85	11,859	1.98	13,185	2.10	14,667	2.22	16,148	2.34	17,961	2.45	-	-	-	-	-	-
H#S-0300MS	95	16,374	2.65	18,500	2.81	20,626	2.97	22,952	3.14	25,277	3.30	28,034	3.45	-	-	-	-	-	-
H#S-0301MS	105	18,285	3.20	20,990	3.42	23,695	3.64	26,620	3.87	29,545	4.10	32,632	4.35	-	-	-	-	-	-
H#S-0400MS	95	20,469	3.69	23,326	3.95	26,183	4.21	29,393	4.46	32,603	4.70	35,900	4.95	-	-	-	-	-	-
H#S-0050MS	105	2,522	0.53	2,877	0.56	3,232	0.59	3,671	0.62	4,110	0.64	4,593	0.67	-	-	-	-	-	-
H#S-0100MS	105	4,936	1.00	5,583	1.07	6,249	1.14	6,991	1.20	7,733	1.26	8,777	1.31	-	-	-	-	-	-
H#S-0101MS	105	5,816	1.06	6,606	1.13	7,395	1.19	8,283	1.25	9,170	1.31	10,231	1.38	-	-	-	-	-	-
H#S-0200MS	105	8,166	1.90	9,172	1.97	10,177	2.04	11,286	2.12	12,395	2.19	13,636	2.29	-	-	-	-	-	-
H#S-0201MS	105	9,246	1.89	10,420	2.03	11,594	2.16	12,901	2.30	14,208	2.43	15,828	2.55	-	-	-	-	-	-
H#S-0300MS	105	14,371	2.73	16,286	2.91	18,201	3.09	20,401	3.27	22,600	3.45	25,070	3.62	-	-	-	-	-	-
H#S-0301MS	105	15,881	3.26	18,291	3.51	20,700	3.75	23,264	4.00	25,827	4.25	28,403	4.52	-	-	-	-	-	-
H#S-0400MS	105	17,856	3.71	20,415	3.99	22,974	4.27	25,791	4.54	28,607	4.81	31,934	5.06	-	-	-	-	-	-

Copeland Semi-Hermetic - Low Temperature - R-404A

UNIT MODEL	AMB TEMP	EVAP TEMP = -40F		EVAP TEMP = -35F		EVAP TEMP = -30F		EVAP TEMP = -25F		EVAP TEMP = -20F		EVAP TEMP = -15F		EVAP TEMP = -10F		EVAP TEMP = -5F		EVAP TEMP = 0F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#S-0050LS	95	824	0.37	1,083	0.42	1,342	0.47	1,689	0.52	2,036	0.56	2,469	0.60	2,901	0.64	3,418	0.68	3,934	0.72
H#S-0070LS	95	1,548	0.51	1,946	0.57	2,343	0.63	2,847	0.69	3,351	0.74	3,832	0.80	4,512	0.85	5,181	0.91	5,850	0.96
H#S-0100LS	95	2,410	0.75	2,945	0.82	3,479	0.88	4,075	0.95	4,671	1.02	5,419	1.10	6,167	1.17	7,012	1.25	7,856	1.33
H#S-0150LS	95	3,509	1.17	4,244	1.27	4,978	1.37	5,841	1.48	6,703	1.59	7,716	1.71	8,728	1.82	9,915	1.94	11,102	2.06
H#S-0200LS	95	3,889	1.18	4,905	1.32	5,820	1.46	7,040	1.62	8,259	1.78	9,653	1.95	11,047	2.12	12,506	2.31	13,964	2.50
H#S-0250LS	95	6,288	1.76	7,960	1.99	9,631	2.21	11,693	2.46	13,755	2.71	16,056	2.97	18,357	3.23	20,953	3.50	23,548	3.77
H#S-0050LS	105	602	0.33	842	0.39	1,082	0.44	1,397	0.49	1,711	0.54	2,097	0.59	2,483	0.64	2,939	0.69	3,395	0.73
H#S-0070LS	105	1,237	0.49	1,605	0.55	1,973	0.61	2,434	0.68	2,894	0.74	3,417	0.80	3,940	0.86	4,537	0.92	5,134	0.98
H#S-0100LS	105	2,016	0.73	2,495	0.81	2,973	0.88	3,535	0.96	4,096	1.03	4,736	1.12	5,376	1.20	6,182	1.29	6,988	1.37
H#S-0150LS	105	2,894	1.16	3,602	1.27	4,309	1.37	5,094	1.49	5,879	1.60	6,796	1.73	7,713	1.85	8,785	1.99	9,857	2.12
H#S-0200LS	105	3,455	1.17	4,253	1.32	5,050	1.46	6,075	1.62	7,100	1.78	8,392	1.96	9,684	2.14	11,058	2.34	12,431	2.53
H#S-0250LS	105	5,004	1.68	6,559	1.91	8,113	2.14	9,874	2.40	11,634	2.66	13,838	2.95	16,042	3.23	18,426	3.53	20,809	3.83

See page 18 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSZ Specifications

Copeland Scroll - Medium Temperature - R-22

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD	RCVR CAP	EST SHIP WEIGHT	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD	SUCT OD	DIAxHGT	LBS	LBS		
		RLA	RLA	RLA	RLA	RLA	RLA	RLA	FLA	RLA	FLA	IN	IN	IN				
H##Z-0200MV	ZS15K4E	13.6	2.5	9.3	2.5	4.3	1.3	4.3	1.3	-	-	1/2	7/8	6 x 23	21.4	400	A	SMALL
H##Z-0250MV	ZS19K4E	16.4	2.5	9.7	2.5	5	1.3	5	1.3	-	-	1/2	7/8	6 x 23	21.4	650	B	MEDIUM
H##Z-0300MV	ZS21K4E	16.4	2.5	11.1	2.5	5.7	1.3	5.7	1.3	4.3	1.0	1/2	7/8	6 x 30	27.9	650	B	MEDIUM
H##Z-0350MV	ZS26K4E	20.7	2.5	13.6	2.5	7.1	1.3	7.1	1.3	5	1.0	1/2	7/8	6 x 30	27.9	650	B	MEDIUM
H##Z-0400MV	ZS30K4E	26.8	2.5	15	2.5	8.2	1.3	8.2	1.3	6.8	1.0	5/8	7/8	8 5/8 x 30	53.9	650	B	MEDIUM
H##Z-0500MV	ZS38K4E	31.8	4.4	21.4	4.4	9.6	2.2	9.6	2.2	7.9	1.8	5/8	7/8	8 5/8 x 30	53.9	650	C	MEDIUM
H##Z-0600MV	ZS45K4E	-	-	23.9	4.4	9.3	2.2	9.3	2.2	7.9	1.8	5/8	7/8	10 3/4 x 30	82.3	650	C	MEDIUM
H##Z-0750MV	ZS56K4E	-	-	30.9	6.8	16.2	3.4	16.2	3.4	11.8	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1200	E	LARGE
H##Z-1000MV	ZS75K4E	-	-	44.9	6.8	21.7	3.4	21.7	3.4	16.6	2.7	5/8	1-3/8	12 3/4 x 30	100.1	1200	E	LARGE
H##Z-1300MV	ZS92K4E	-	-	54.4	6.8	25.8	3.4	25.8	3.4	20.6	2.7	7/8	1-3/8	12 3/4 x 30	100.1	1200	F	LARGE
H##Z-1500MV	ZS11M4E	-	-	60	8.7	28.2	4.4	28.2	4.4	22.5	3.5	7/8	1-3/8	12 3/4 x 30	100.1	1550	J	X-LARGE

Copeland Scroll - Low Temperature - R-22

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD	RCVR CAP	EST SHIP WEIGHT	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD	SUCT OD	DIAxHGT	LBS	LBS		
		RLA	RLA	RLA	RLA	RLA	RLA	RLA	FLA	RLA	FLA	IN	IN	IN				
H##Z-0200LV	ZF06K4E	13.6	2.5	9.3	2.5	4.3	1.3	4.3	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##Z-0250LV	ZF08K4E	16.4	2.5	9.7	2.5	5	1.3	5	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##Z-0300LV	ZF09K4E	16.4	2.5	11.1	2.5	5.7	1.3	5.7	1.3	4.3	1.0	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##Z-0350LV	ZF11K4E	20.7	2.5	13.6	2.5	7.1	1.3	7.1	1.3	5	1.0	1/2	7/8	6 x 23	21.4	650	B	MEDIUM
H##Z-0400LV	ZF13K4E	26.8	2.5	15	2.5	8.2	1.3	8.2	1.3	6.8	1.0	1/2	7/8	6 x 23	21.4	650	B	MEDIUM
H##Z-0500LV	ZF15K4E	31.8	2.5	21.4	2.5	9.6	1.3	9.6	1.3	7.9	1.0	1/2	7/8	6 x 23	21.4	650	B	MEDIUM
H##Z-0600LV	ZF18K4E	-	-	23.9	2.5	9.3	1.3	9.3	1.3	7.9	1.0	5/8	7/8	6 x 30	27.9	650	B	MEDIUM
H##Z-0750LV	ZF24K4E	-	-	30.9	4.4	16.2	2.2	16.2	2.2	11.8	1.8	5/8	1-3/8	8 5/8 x 30	53.9	650	C	MEDIUM
H##Z-1000LV	ZF33K4E	-	-	44.9	6.8	21.7	3.4	21.7	3.4	16.6	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1200	E	LARGE

Copeland Scroll - Medium Temperature - R-404A

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD	RCVR CAP	EST SHIP WEIGHT	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD	SUCT OD	DIAxHGT	LBS	LBS		
		RLA	RLA	RLA	RLA	RLA	RLA	RLA	FLA	RLA	FLA	IN	IN	IN				
H##Z-0200MS	ZS15K4E	13.6	2.5	9.3	2.5	4.3	1.3	4.3	1.3	-	-	1/2	7/8	6 x 23	21.4	400	A	SMALL
H##Z-0250MS	ZS19K4E	16.4	2.5	9.7	2.5	5	1.3	5	1.3	-	-	1/2	7/8	6 x 30	27.9	650	B	MEDIUM
H##Z-0300MS	ZS21K4E	16.4	2.5	11.1	2.5	5.7	1.3	5.7	1.3	4.3	1.0	1/2	7/8	6 x 30	27.9	650	B	MEDIUM
H##Z-0350MS	ZS26K4E	20.7	2.5	13.6	2.5	7.1	1.3	7.1	1.3	5	1.0	1/2	7/8	8 5/8 x 30	53.9	650	B	MEDIUM
H##Z-0400MS	ZS30K4E	26.8	2.5	15	2.5	8.2	1.3	8.2	1.3	6.8	1.0	5/8	7/8	8 5/8 x 30	53.9	650	B	MEDIUM
H##Z-0500MS	ZS38K4E	31.8	4.4	21.4	4.4	9.6	2.2	9.6	2.2	7.9	1.8	5/8	7/8	8 5/8 x 30	53.9	650	C	MEDIUM
H##Z-0600MS	ZS45K4E	-	-	23.9	4.4	9.3	2.2	9.3	2.2	7.9	1.8	5/8	7/8	10 3/4 x 30	82.3	650	C	MEDIUM
H##Z-0750MS	ZS56K4E	-	-	30.9	6.8	16.2	3.4	16.2	3.4	11.8	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1200	E	LARGE
H##Z-1000MS	ZS75K4E	-	-	44.9	6.8	21.7	3.4	21.7	3.4	16.6	2.7	5/8	1-3/8	12 3/4 x 30	100.1	1200	E	LARGE
H##Z-1300MS	ZS92K4E	-	-	54.4	6.8	25.8	3.4	25.8	3.4	20.6	2.7	7/8	1-3/8	12 3/4 x 30	100.1	1200	F	LARGE
H##Z-1500MS	ZS11M4E	-	-	60	8.7	28.2	4.4	28.2	4.4	22.5	3.5	7/8	1-3/8	12 3/4 x 30	100.1	1550	J	X-LARGE

Copeland Scroll - Low Temperature - R-404A

UNIT MODEL	COMPRESSOR MODEL	208/1/60		208/3/60		380/3/50		460/3/60		575/3/60		REF LINE CONNECTIONS		RCVR STD	RCVR CAP	EST SHIP WEIGHT	DEFAULT CONDENSER	CABINET SIZE
		COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	COMP	FAN	LIQ OD	SUCT OD	DIAxHGT	LBS	LBS		
		RLA	RLA	RLA	RLA	RLA	RLA	RLA	FLA	RLA	FLA	IN	IN	IN				
H##Z-0200LS	ZF06K4E	13.6	2.5	9.3	2.5	4.3	1.3	4.3	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##Z-0250LS	ZF08K4E	16.4	2.5	9.7	2.5	5	1.3	5	1.3	-	-	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##Z-0300LS	ZF09K4E	16.4	2.5	11.1	2.5	5.7	1.3	5.7	1.3	4.3	1.0	1/2	7/8	6 x 18	16.7	400	A	SMALL
H##Z-0350LS	ZF11K4E	20.7	2.5	13.6	2.5	7.1	1.3	7.1	1.3	5	1.0	1/2	7/8	6 x 23	21.4	650	B	MEDIUM
H##Z-0400LS	ZF13K4E	26.8	2.5	15	2.5	8.2	1.3	8.2	1.3	6.8	1.0	1/2	7/8	6 x 23	21.4	650	B	MEDIUM
H##Z-0500LS	ZF15K4E	31.8	2.5	21.4	2.5	9.6	1.3	9.6	1.3	7.9	1.0	1/2	7/8	6 x 23	21.4	650	B	MEDIUM
H##Z-0600LS	ZF18K4E	-	-	23.9	4.4	9.3	2.2	9.3	2.2	7.9	1.8	5/8	7/8	8 5/8 x 30	53.9	650	C	MEDIUM
H##Z-0750LS	ZF24K4E	-	-	30.9	4.4	16.2	2.2	16.2	2.2	11.8	1.8	5/8	1-3/8	8 5/8 x 30	53.9	650	C	MEDIUM
H##Z-1000LS	ZF33K4E	-	-	44.9	6.8	21.7	3.4	21.7	3.4	16.6	2.7	5/8	1-3/8	10 3/4 x 30	82.3	1200	E	LARGE

See page 18 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSZ Performance

Copeland Scroll – Medium Temperature – R-22

UNIT MODEL	AMB TEMP	EVAP TEMP = 0F			EVAP TEMP = 5F			EVAP TEMP = 10F			EVAP TEMP = 15F			EVAP TEMP = 20F			EVAP TEMP = 25F			EVAP TEMP = 30F			EVAP TEMP = 35F			EVAP TEMP = 40F			
		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		CAP [BTUH]	POW [kW]		
H#HZ-0200MV	95	-	-	-	12,907	1.79	14,272	1.88	15,637	1.96	17,205	2.05	18,772	2.14	20,559	2.25	22,345	2.35	24,180	2.43	26,066	2.53	27,911	2.65	29,711	2.77	31,566	2.89	
H#HZ-0250MV	95	-	-	-	16,492	2.14	18,295	2.23	20,097	2.32	22,184	2.43	24,270	2.53	26,666	2.65	29,062	2.77	31,462	2.89	33,858	3.01	36,254	3.13	38,991	3.25	41,778	3.37	
H#HZ-0300MV	95	-	-	-	18,380	2.14	20,388	2.23	22,395	2.32	24,719	2.43	27,042	2.53	29,711	2.65	32,380	2.77	35,017	2.89	37,691	3.01	40,366	3.13	43,111	3.25	45,858	3.37	
H#HZ-0350MV	95	-	-	-	22,443	2.73	24,823	2.86	27,203	2.98	30,017	3.12	32,830	3.25	35,911	3.37	38,991	3.50	42,066	3.63	45,141	3.75	48,216	3.87	51,291	4.00	54,436	4.13	
H#HZ-0400MV	95	-	-	-	25,678	3.13	28,454	3.29	31,229	3.44	34,060	3.60	37,370	3.75	41,104	3.95	44,478	4.15	47,842	4.35	51,037	4.54	54,593	4.80	58,419	5.06	62,100	5.30	
H#HZ-0500MV	95	-	-	-	31,794	3.78	35,249	3.95	38,703	4.12	42,679	4.33	46,655	4.54	51,037	4.80	55,419	5.06	59,478	5.28	63,858	5.50	68,100	5.75	72,111	5.97	76,111	6.17	
H#HZ-0600MV	95	-	-	-	37,790	4.73	41,849	4.94	45,907	5.14	50,560	5.38	55,213	5.62	60,495	5.90	65,777	6.17	71,333	6.43	76,373	6.67	81,633	6.96	87,305	7.25	92,888	7.52	
H#HZ-0750MV	95	-	-	-	46,809	5.74	52,037	5.96	57,264	6.18	63,323	6.43	69,381	6.67	76,373	6.96	83,365	7.25	90,350	7.52	97,833	7.81	105,111	8.07	112,888	8.32	120,444	8.58	
H#HZ-1000MV	95	-	-	-	65,670	8.27	72,878	8.62	80,086	8.96	87,640	9.39	95,194	9.81	103,182	10.27	111,170	10.72	119,158	11.17	127,777	11.62	136,444	12.07	145,111	12.52	153,888	12.97	
H#HZ-1300MV	95	-	-	-	79,491	10.10	88,479	10.50	97,466	10.89	107,489	11.36	117,511	11.82	128,777	12.35	140,042	12.87	151,358	13.32	162,666	13.77	174,111	14.22	185,888	14.67	197,666	15.12	
H#HZ-1500MV	95	75,857	11.65	84,620	12.10	93,961	13.03	103,961	13.52	114,539	14.08	126,610	14.63	138,681	15.18	151,920	15.73	165,159	16.28	178,555	16.73	192,111	17.18	205,888	17.63	219,666	18.08	233,888	18.53
H#HZ-0200MV	105	-	-	-	12,218	1.96	13,501	2.04	14,784	2.12	16,309	2.21	17,833	2.29	19,521	2.40	21,208	2.50	22,955	2.62	24,702	2.72	26,449	2.84	28,196	2.96	29,943	3.08	
H#HZ-0250MV	105	-	-	-	15,651	2.33	17,353	2.42	19,055	2.51	21,025	2.62	22,995	2.72	25,260	2.84	27,524	2.96	29,789	3.08	32,044	3.20	34,299	3.32	36,554	3.44	38,809	3.56	
H#HZ-0300MV	105	-	-	-	17,435	2.33	19,331	2.42	21,226	2.51	23,419	2.62	25,612	2.72	28,133	2.84	30,654	2.96	32,880	3.08	35,106	3.20	37,331	3.32	39,582	3.44	41,858	3.56	
H#HZ-0350MV	105	-	-	-	21,321	2.99	23,601	3.10	25,880	3.21	28,451	3.36	31,022	3.50	34,045	3.66	37,067	3.81	40,089	3.96	43,111	4.10	46,133	4.25	49,177	4.39	52,231	4.53	
H#HZ-0400MV	105	-	-	-	24,352	3.43	26,977	3.57	29,602	3.71	32,575	3.89	35,547	4.06	38,892	4.25	42,237	4.43	45,582	4.61	48,927	4.79	52,372	4.97	55,767	5.15	58,562	5.33	
H#HZ-0500MV	105	-	-	-	30,321	4.10	33,563	4.27	36,805	4.43	40,436	4.65	44,066	4.87	48,197	5.13	52,327	5.38	56,458	5.63	60,589	5.89	64,720	6.15	68,851	6.41	72,982	6.63	
H#HZ-0600MV	105	-	-	-	35,757	5.20	39,685	5.39	43,613	5.57	47,999	5.81	52,385	6.05	57,367	6.33	62,349	6.60	67,331	6.87	72,313	7.15	77,295	7.43	82,277	7.71	87,259	7.99	
H#HZ-0750MV	105	-	-	-	44,401	6.18	49,337	6.42	54,272	6.65	59,973	6.90	65,674	7.15	72,244	7.43	78,813	7.71	84,982	8.00	91,151	8.28	97,320	8.56	103,489	8.84	109,658	9.12	
H#HZ-1000MV	105	-	-	-	61,653	9.00	68,746	9.34	75,838	9.67	83,413	10.09	90,988	10.50	99,246	10.93	107,504	11.35	115,762	11.77	124,020	12.19	132,278	12.61	140,536	13.03	148,794	13.45	
H#HZ-1300MV	105	-	-	-	75,315	10.92	83,699	11.36	92,082	11.79	101,415	12.29	110,748	12.79	121,243	13.34	131,737	13.89	142,231	14.44	152,725	14.99	163,219	15.54	173,713	16.09	184,207	16.64	
H#HZ-1500MV	105	73,698	12.71	81,170	13.18	88,642	13.64	98,219	14.14	107,796	14.64	119,155	15.20	130,514	15.76	143,330	16.40	156,146	17.03	168,962	17.67	181,778	18.31	194,594	18.95	207,410	19.59	220,226	20.23

Copeland Scroll – Low Temperature – R-22

UNIT MODEL	AMB TEMP	EVAP TEMP = -40F		EVAP TEMP = -35F		EVAP TEMP = -30F		EVAP TEMP = -25F		EVAP TEMP = -20F		EVAP TEMP = -15F		EVAP TEMP = -10F		EVAP TEMP = -5F		EVAP TEMP = 0F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#H#Z-0200LV	95	4.234	1.54	4.841	1.57	5.447	1.59	6.194	1.63	6.941	1.66	7.857	1.69	8.773	1.71	9.833	1.75	10.892	1.79
H#H#Z-0250LV	95	5.348	1.96	6.100	2.00	6.851	2.04	7.804	2.07	8.757	2.10	9.888	2.14	11.018	2.18	12.343	2.23	13.668	2.28
H#H#Z-0300LV	95	5.977	1.97	6.868	2.01	7.759	2.05	8.782	2.11	9.805	2.17	11.002	2.23	12.199	2.29	13.559	2.37	14.919	2.45
H#H#Z-0350LV	95	7.545	2.10	8.657	2.16	9.768	2.21	11.086	2.27	12.404	2.33	13.965	2.41	15.525	2.48	17.314	2.58	19.103	2.68
H#H#Z-0400LV	95	8.730	2.51	9.987	2.59	11.243	2.66	12.767	2.75	14.290	2.83	16.070	2.93	17.850	3.03	19.941	3.14	22.031	3.24
H#H#Z-0500LV	95	10.644	3.21	12.178	3.29	13.711	3.36	15.518	3.46	17.324	3.55	19.517	3.65	21.710	3.75	24.156	3.90	26.601	4.04
H#H#Z-0600LV	95	12.373	3.98	14.154	4.05	15.934	4.12	18.068	4.23	20.202	4.34	22.737	4.48	25.271	4.61	28.168	4.80	31.065	4.98
H#H#Z-0750LV	95	14.965	4.93	17.078	5.11	19.191	5.29	21.782	5.45	24.373	5.61	27.409	5.80	30.445	5.98	34.043	6.17	37.640	6.36
H#H#Z-1000LV	95	21.881	5.94	24.857	6.19	27.832	6.44	31.571	6.69	35.310	6.93	39.723	7.22	44.136	7.50	49.295	7.81	54.454	8.11
H#H#Z-0200LV	105	4.076	1.73	4.650	1.75	5.224	1.77	5.942	1.80	6.660	1.82	7.528	1.85	8.396	1.87	9.395	1.91	10.393	1.95
H#H#Z-0250LV	105	5.143	2.19	5.865	2.22	6.586	2.25	7.488	2.28	8.389	2.30	9.452	2.35	10.515	2.39	11.759	2.44	13.002	2.49
H#H#Z-0300LV	105	5.700	2.16	6.530	2.22	7.360	2.27	8.343	2.32	9.326	2.37	10.451	2.44	11.575	2.51	12.896	2.58	14.197	2.65
H#H#Z-0350LV	105	7.158	2.31	8.208	2.37	9.258	2.43	10.502	2.50	11.746	2.56	13.221	2.64	14.695	2.72	16.382	2.82	18.069	2.92
H#H#Z-0400LV	105	8.300	2.73	9.493	2.81	10.685	2.89	12.128	2.98	13.570	3.06	15.248	3.17	16.925	3.27	18.895	3.39	20.865	3.50
H#H#Z-0500LV	105	10.111	3.50	11.562	3.58	13.012	3.66	14.714	3.77	16.415	3.87	18.488	3.98	20.860	4.08	22.857	4.23	25.153	4.38
H#H#Z-0600LV	105	11.745	4.32	13.431	4.40	15.117	4.48	17.127	4.60	19.137	4.72	21.518	4.87	23.899	5.01	26.699	5.19	29.498	5.36
H#H#Z-0750LV	105	14.225	5.20	16.241	5.42	18.256	5.64	20.706	5.83	23.156	6.02	26.007	6.23	28.857	6.44	32.225	6.66	35.592	6.87
H#H#Z-1000LV	105	21.592	6.38	24.212	6.66	26.832	6.94	30.263	7.22	33.694	7.49	37.630	7.80	41.966	8.10	46.883	8.43	51.799	8.75

See page 18 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

HTSZ Performance

Copeland Scroll - Medium Temperature - R-404A

UNIT MODEL	AMB TEMP	EVAP TEMP = 0F		EVAP TEMP = 5F		EVAP TEMP = 10F		EVAP TEMP = 15F		EVAP TEMP = 20F		EVAP TEMP = 25F		EVAP TEMP = 30F		EVAP TEMP = 35F		EVAP TEMP = 40F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#H#Z-0200MS	95	11,288	1.91	12,479	1.99	13,670	2.06	14,949	2.15	16,228	2.23	17,747	2.32	19,266	2.40	20,857	2.50	22,448	2.60
H#H#Z-0250MS	95	14,522	2.17	16,145	2.25	17,767	2.32	19,553	2.42	21,338	2.51	23,363	2.61	25,387	2.70	27,665	2.81	29,943	2.92
H#H#Z-0300MS	95	15,844	2.50	17,541	2.60	19,237	2.69	21,280	2.79	23,322	2.88	25,542	2.99	27,762	3.10	30,104	3.24	32,446	3.37
H#H#Z-0350MS	95	19,427	3.03	21,518	3.15	23,609	3.26	26,001	3.39	28,392	3.52	30,939	3.68	33,486	3.83	36,494	3.99	39,501	4.14
H#H#Z-0400MS	95	22,077	3.50	24,444	3.64	26,810	3.78	29,487	3.93	32,164	4.08	34,930	4.27	37,815	4.46	40,928	4.67	44,041	4.87
H#H#Z-0450MS	95	27,554	4.30	30,418	4.48	33,281	4.66	36,574	4.86	39,666	5.06	43,401	5.31	46,936	5.55	50,897	5.83	54,858	6.10
H#H#Z-0500MS	95	32,949	4.95	36,214	5.18	39,478	5.40	43,354	5.62	47,229	5.83	51,348	6.08	55,466	6.33	60,021	6.60	64,575	6.86
H#H#Z-0750MS	95	40,929	6.20	45,321	6.45	49,712	6.69	54,997	6.92	60,282	7.14	66,066	7.41	71,849	7.68	78,405	7.98	84,961	8.28
H#H#Z-1000MS	95	58,159	8.78	62,694	9.19	68,229	9.60	76,326	10.04	83,422	10.47	90,290	10.97	97,157	11.46	104,298	11.94	111,439	12.41
H#H#Z-1300MS	95	69,127	10.87	76,119	11.36	83,110	11.84	91,399	12.30	99,688	12.76	108,465	13.29	117,241	13.81	127,604	14.33	137,966	14.84
H#H#Z-1500MS	95	81,472	13.07	90,216	13.60	98,959	14.13	108,936	14.68	118,913	15.22	130,195	15.80	141,476	16.38	154,132	17.00	166,788	17.62
H#H#Z-0200MS	105	10,272	2.08	11,331	2.16	12,390	2.24	13,592	2.32	14,793	2.40	16,150	2.49	17,506	2.57	18,909	2.67	20,312	2.77
H#H#Z-0250MS	105	13,294	2.36	14,761	2.44	16,227	2.52	17,825	2.62	19,422	2.71	21,349	2.80	23,275	2.89	25,330	3.00	27,385	3.10
H#H#Z-0300MS	105	14,479	2.72	16,086	2.81	17,693	2.90	19,443	3.01	21,193	3.11	23,171	3.23	25,148	3.34	27,370	3.46	29,592	3.58
H#H#Z-0350MS	105	17,710	3.29	19,686	3.40	21,650	3.51	23,805	3.64	25,959	3.77	28,233	3.93	30,507	4.08	33,221	4.24	35,935	4.39
H#H#Z-0400MS	105	20,271	3.80	22,380	3.95	24,489	4.09	26,713	4.27	28,936	4.44	31,599	4.61	34,262	4.78	37,009	4.99	39,756	5.19
H#H#Z-0450MS	105	25,026	4.75	27,574	4.94	30,121	5.12	33,054	5.33	35,987	5.53	39,349	5.75	42,711	5.97	46,260	6.25	49,808	6.52
H#H#Z-0500MS	105	30,112	5.36	33,181	5.59	36,250	5.81	39,715	6.04	43,180	6.26	46,709	6.52	50,418	6.78	54,394	7.06	58,369	7.33
H#H#Z-0750MS	105	37,605	6.62	41,746	6.87	45,887	7.11	50,404	7.38	54,920	7.64	60,047	7.92	65,174	8.20	71,396	8.47	77,618	8.74
H#H#Z-1000MS	105	51,062	9.37	56,920	9.80	62,778	10.22	69,337	10.66	75,696	11.13	82,313	11.61	88,729	12.15	95,568	12.64	102,447	13.12
H#H#Z-1300MS	105	63,216	11.68	69,744	12.17	76,271	12.65	83,665	13.14	91,059	13.63	98,772	14.19	106,484	14.75	115,663	15.29	124,841	15.82
H#H#Z-1500MS	105	74,777	14.05	83,016	14.58	91,254	15.10	100,220	15.68	109,185	16.26	119,291	16.87	129,397	17.47	140,714	18.12	152,030	18.76

Copeland Scroll - Low Temperature - R-404A

UNIT MODEL	AMB TEMP	EVAP TEMP = -40F		EVAP TEMP = -30F		EVAP TEMP = -25F		EVAP TEMP = -20F		EVAP TEMP = -15F		EVAP TEMP = -10F		EVAP TEMP = -5F		EVAP TEMP = 0F	
		CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]	CAP [BTUH]	POW [kW]
H#H#Z-0200LS	95	4,533	1.67	5,240	1.68	5,946	1.69	6,704	1.74	7,462	1.78	8,355	1.84	9,247	1.89	10,232	1.97
H#H#Z-0250LS	95	5,784	2.09	6,582	2.14	7,380	2.18	8,339	2.23	9,287	2.28	10,370	2.36	11,442	2.43	12,615	2.53
H#H#Z-0300LS	95	6,379	1.94	7,257	2.01	8,134	2.07	9,147	2.14	10,159	2.20	11,329	2.28	12,499	2.36	13,848	2.44
H#H#Z-0350LS	95	8,203	2.43	9,376	2.49	10,548	2.54	11,920	2.61	13,291	2.68	14,832	2.78	16,373	2.88	18,240	2.98
H#H#Z-0400LS	95	8,820	2.72	10,212	2.82	11,604	2.92	13,285	3.01	14,965	3.09	16,816	3.19	18,667	3.29	20,767	3.41
H#H#Z-0500LS	95	11,418	3.44	12,971	3.57	14,524	3.69	16,319	3.83	18,114	3.96	20,196	4.11	22,278	4.26	24,691	4.43
H#H#Z-0600LS	95	13,611	3.84	15,585	3.92	17,558	3.99	19,725	4.12	21,891	4.25	24,482	4.39	27,073	4.53	29,967	4.72
H#H#Z-0750LS	95	15,990	4.91	18,395	5.07	20,799	5.23	23,452	5.45	26,105	5.66	29,132	5.90	32,158	6.14	35,439	6.43
H#H#Z-1000LS	95	22,723	6.62	26,257	6.88	29,790	7.14	33,801	7.41	42,242	7.98	46,673	8.29	51,747	8.62	56,821	8.94
H#H#Z-0200LS	105	4,153	1.89	4,817	1.89	5,480	1.89	6,174	1.93	6,867	1.96	7,671	2.02	8,475	2.07	9,349	2.15
H#H#Z-0250LS	105	5,241	2.40	5,998	2.43	6,755	2.40	7,624	2.50	8,493	2.54	9,449	2.61	10,404	2.68	11,498	2.76
H#H#Z-0300LS	105	5,835	2.17	6,640	2.24	7,444	2.30	8,356	2.37	9,267	2.44	10,307	2.52	11,347	2.59	12,538	2.67
H#H#Z-0350LS	105	7,589	2.71	8,661	2.77	9,732	2.82	10,974	2.89	12,215	2.96	13,665	3.05	15,115	3.13	16,723	3.25
H#H#Z-0400LS	105	8,016	3.03	9,244	3.12	10,472	3.21	11,941	3.31	13,410	3.40	15,043	3.51	16,675	3.62	18,542	3.74
H#H#Z-0500LS	105	10,383	3.80	11,836	3.94	13,288	4.07	14,889	4.23	16,489	4.38	18,331	4.55	20,173	4.72	22,302	4.90
H#H#Z-0600LS	105	12,660	4.21	14,459	4.29	16,258	4.37	18,285	4.49	20,311	4.60	22,535	4.74	24,758	4.94	27,317	5.14
H#H#Z-0750LS	105	14,686	5.22	16,904	5.42	19,121	5.61	21,505	5.85	23,889	6.09	26,571	6.36	29,252	6.62	32,294	6.90
H#H#Z-1000LS	105	20,859	7.21	24,127	7.50	27,395	7.79	31,049	8.09	34,702	8.39	38,670	8.73	42,638	9.06	47,419	9.37

See page 18 for Cabinet Sizes, Receiver Sizes and Capacity.

H-Series Condensing Units

Receiver Options

RECEIVER OPTIONS ON STANDARD BASE			
CABINET SIZE	RECEIVER DIA. X HEIGHT (INCHES)		
	STANDARD	OPTION 1	OPTION 2
SMALL	A - 6 x 12	B - 6 x 18	-
SMALL	B - 6 x 18	-	-
MEDIUM	C - 6 x 23	D - 6 x 30	E - 8-5/8 x 30
MEDIUM	D - 6 x 30	E - 8-5/8 x 30	-
MEDIUM	E - 8-5/8 x 30	-	-
LARGE	E - 8-5/8 x 30	F - 10-3/4 x 30	H - 12-3/4 x 30
LARGE	F - 10-3/4 x 30	H - 12-3/4 x 30	-
LARGE	H - 12-3/4 x 30	-	-
X-LARGE	H - 12-3/4 x 30	-	-

RECEIVER OPTIONS ON HEAVY DUTY BASE					
CABINET SIZE	RECEIVER DIA. X LENGTH (INCHES)				
	STANDARD	OPTION 1	OPTION 2	OPTION 2	OPTION 2
SMALL	A - 6 x 12	B - 6 x 18	C - 6 x 23	D - 6 x 30	E - 8-5/8 x 30
SMALL	B - 6 x 18	C - 6 x 23	D - 6 x 30	E - 8-5/8 x 30	-
MEDIUM	C - 6 x 23	D - 6 x 30	E - 8-5/8 x 30	F - 10-3/4 x 30	G - 10-3/4 x 38
MEDIUM	D - 6 x 30	E - 8-5/8 x 30	F - 10-3/4 x 30	G - 10-3/4 x 38	-
MEDIUM	E - 8-5/8 x 30	F - 10-3/4 x 30	G - 10-3/4 x 38	-	-
LARGE	E - 8-5/8 x 30	F - 10-3/4 x 30	G - 10-3/4 x 38	-	-
LARGE	F - 10-3/4 x 30	G - 10-3/4 x 38	-	-	-
LARGE	G - 10-3/4 x 38	-	-	-	-
X-LARGE	G - 10-3/4 x 38	-	-	-	-

Condenser Sizes

CONDENSER DIMENSIONS		
CONDENSER NUMBER	STANDARD	NUMBER OF FANS
A	20W x 32L - 2 Rows	1
B	37.75W x 36L - 3 Rows	1
C	37.75W x 36L - 3 Rows	2
D	37.75W x 36L - 4 Rows	2
E	37.75W x 72L - 3 Rows	4
F	37.75W x 72L - 4 Rows	4
G (Double-Stack Units)	(2X) 37.75W x 36L - 3 Rows	4
H (Double-Stack Units)	(2X) 37.75W x 36L - 4 Rows	4
J	50W x 87L - 4 Rows	6

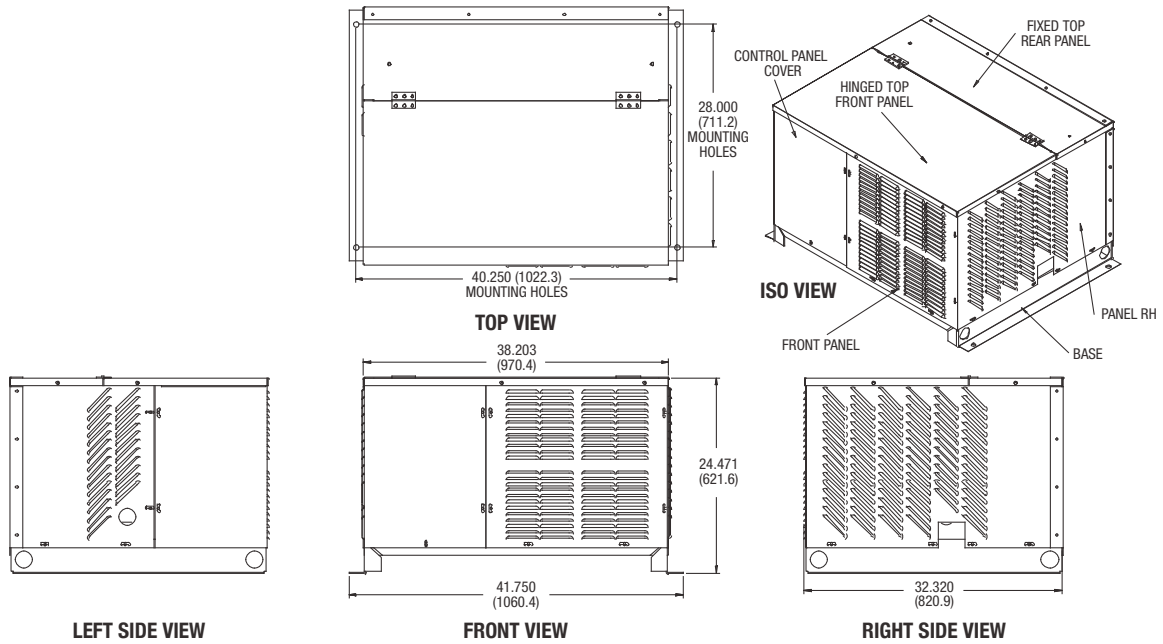
*The condenser model and number of fans is shown on the following pages.

H-Series Condensing Units

Cabinet Drawings

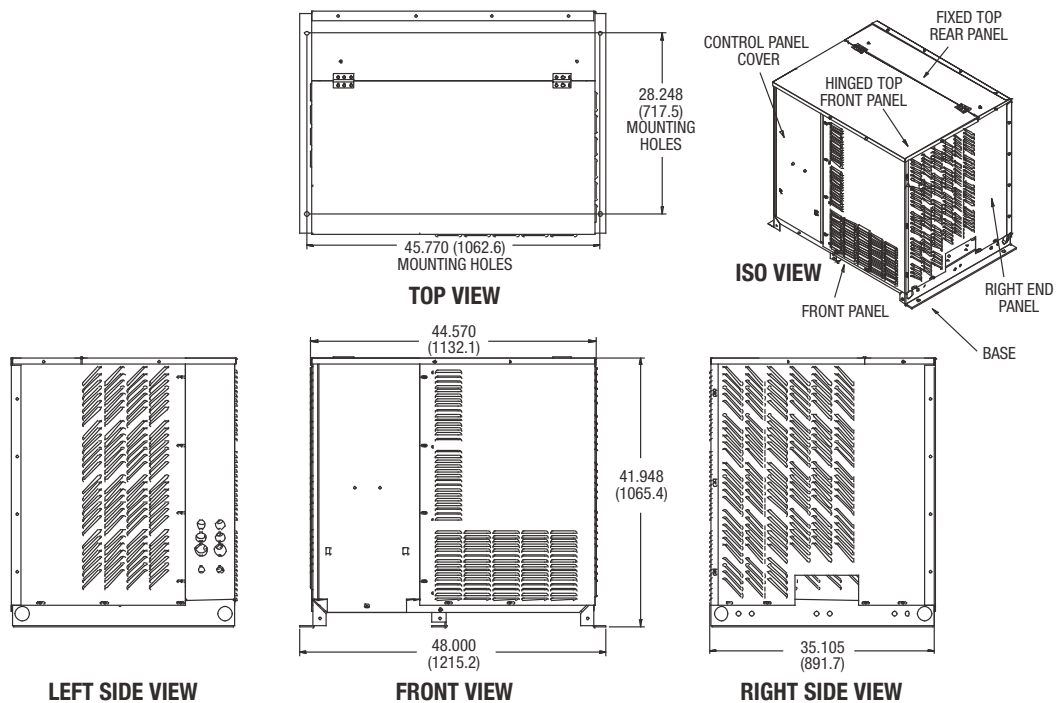
SMALL SIZE OUTDOOR UNIT

STANDARD LEGS "HTS-x-xxxxxxx-xx-A UNIT"



MEDIUM SIZE OUTDOOR UNIT

STANDARD LEGS "HTS-x-xxxxxxx-xx-A UNIT"

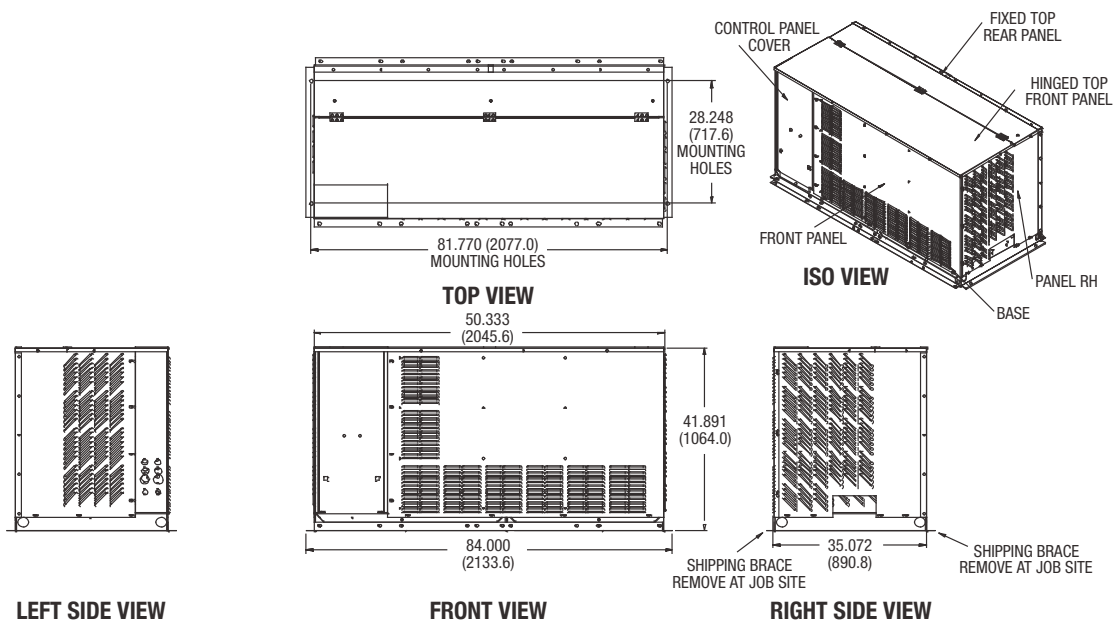


H-Series Condensing Units

Cabinet Drawings

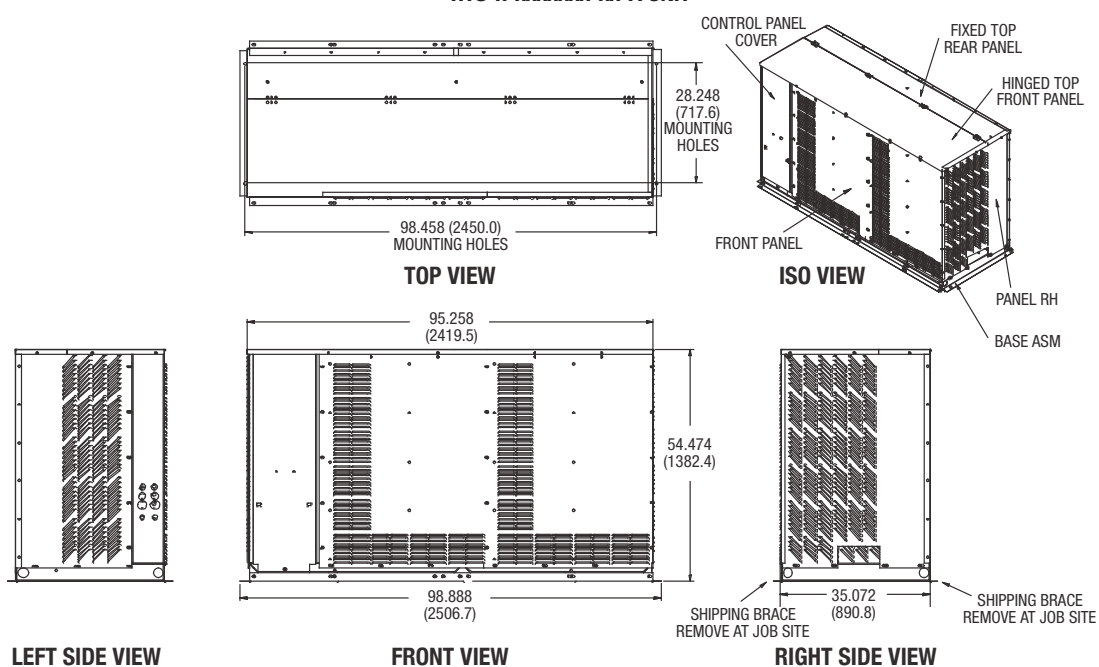
LARGE SIZE OUTDOOR UNIT

STANDARD LEGS "HTS-x-xxxxxxx-xx-A UNIT"



X-LARGE SIZE OUTDOOR UNIT

STANDARD LEGS "HTS-x-xxxxxxx-xx-A UNIT"



Electrical Diagram – Compressor/Defrost Unit Cooler

[illegible]

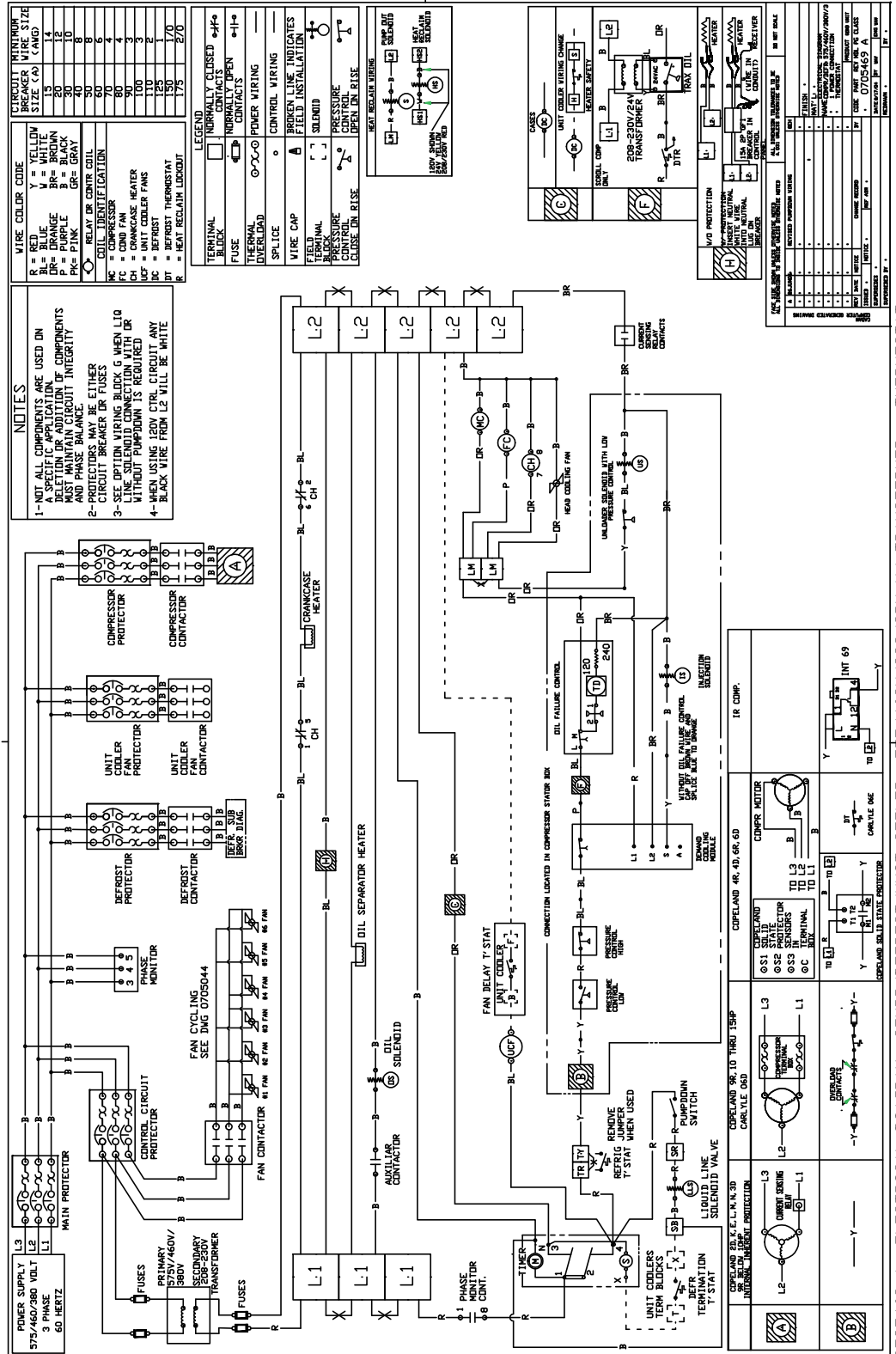
Electrical Diagram – Compressor/Defrost Unit Cooler

[illegible]

0705035-B ELECTRICAL DIAGRAM, COMPR/DEFROST/UNIT COOLER: 208-230V/3PH - THERMOSTAT

Electrical Diagram – Compressor/Defrost Unit Cooler

575/460/380/3PH WITH TRANSFORMER THERMOSTAT



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H-Series Condensing Units

Notes

H-Series Condensing Units

Notes

H-Series Condensing Units

Notes



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