KeepRite®

HCE Series

SPLIT HEAT PUMP
3 thru 5 TON
SPECIFICATIONS

COMMERCIAL SPLIT HEAT PUMP FEATURES



12 + SEER
Three Phase

Commercial Comfort™
3 PHASE

REFRIGERATION CIRCUIT

- High efficiency scroll compressors on all models
- Suction line accumulator on all models
- Integrated solid state time / temperature defrost and compressor anti-cycle timer
- Soft defrost change over
- High and Low pressure switches
- Large biflow filter driers
- Low Ambient Control to 0° F

BUILT TO LAST

- G-90 Galvanized steel cabinet with integral base rails
- Triple step painting process
- Copper tube / aluminum fin coil
- Precoated condenser fins
- Coated inlet and discharge grilles ruggedly built for enhanced coil protection
- Top discharge design for quieter operation
- Coil Guard - Standard
- Optional Factory Installed Hail Guard for all models (see model number nomenclature)

EASY TO INSTALL AND SERVICE

- Numerous service friendly features
- Service valves on all models with $3^{-1}/_{2}$" stubs
- Fan motor in-line disconnect plug
- External high and low refrigerant service ports
- One (1) year limited warranty on parts and a (5) year limited warranty on the compressor

MANUFACTURER CERTIFIED TO ARI AS COMPLYING WITH UNITARY AIR-CONDITIONING EQUIPMENT CERTIFICATION SECTION OF ARI STANDARD 210

Rated in accordance with ARI Standard 210.

c UL US LISTED

International Comfort Products
650 Heil-Quaker Ave.
Lewisburg, Tennessee 37091

506 56 1401 02

2/10/04

UNIT SPECIFICATIONS

	MODELS - HCE											
Cooling	**036HC**	**036LC**	**036SC**	**042HC**	**042LC**	**042SC**	**048HC**	**048LC**	**048SC**	**060HC**	**060LC**	**060SC**
Capacity BTUH Range	33,400 to 34,000			38,500 to 40,500			45,000 to 47,000			55,500 to 56,500		
S.E.E.R. Range	11.5 to 13.0			11.5 to 13.0			11.5 to 12.5			11.5 to 12.0		
Electrical												
Volts / Phase / Hertz	230/3/60	460/3/60	575/3/60	230/3/60	460/3/60	575/3/60	230/3/60	460/3/60	575/3/60	230/3/60	460/3/60	575/3/60
Voltage Min - Max	187-253	414-506	517-633	187-253	414-506	517-633	187-253	414-506	517-633	187-253	414-506	517-633
Total Unit Amps	12.9	6.5	5.2	15.5	7.9	6.3	16.2	8.0	5.8	18.8	9.9	7.8
Min. Circuit Amp.	15.7	7.9	6.3	19.0	9.7	7.7	19.9	9.7	7.1	23.1	10.8	9.5
Minimum Fuse Size	25	15	15	30	15	15	30	15	15	35	20	15
Max. Fuse	25	15	15	30	15	15	30	15	15	40	20	15
Compressor												
RLA	11.4	5.7	4.7	14.0	7.0	5.6	16.4	7.9	5.7	19.3	10.0	7.9
LRA	77.0	39.0	31.0	88.0	44.0	34.0	91.0	50.0	37.0	123.0	62.0	50.0
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Condenser Fan Data												
Quantity	1	1	1	1	1	1	1	1	1	1	1	1
Volts/Phase/Hertz	230/1/60	460/1/60	575/1/60	230/1/60	460/1/60	575/1/60	230/1/60	460/1/60	575/1/60	230/1/60	460/1/60	575/1/60
FLA	1.9	0.7	0.57	1.5	0.9	0.68	1.5	0.9	0.68	1.5	0.9	.68
LRA	3.7	2.2	1.88	2.9	1.8	1.65	2.9	1.8	1.65	2.9	1.8	1.65
Blades/Diameter/Pitch	3/20/24	3/20/24	3/20/24	2/26/28	2/26/28	2/26/28	2/26/28	2/26/28	2/26/28	3/26/28	3/26/28	3/26/28
Hp - Rpm - Speeds	1/3-1075 1	1/3-1100 1	1/3-1100 1	1/4-840 2	1/4-840 1	1/4-840 1	1/4-840 2	1/4-840 1	1/4-840 1	1/4-840 2	1/4-840 1	1/4-840 1
Bearing Type	SAB	Sleeve	SAB	SAB	Sleeve	Sleeve	SAB	Sleeve	Sleeve	SAB	Sleeve	Sleeve
Rotation (Shaft End)	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW
Max. CFM	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100	3100
Condenser Coil												
Rows / Fins per Inch	2 / 20	2 / 20	2 / 20	2 / 22	2 / 22	2 / 22	2 / 22	2 / 22	2 / 22	2 / 22	2 / 22	2 / 22
Total Face Area-Sq, ft.	21.3	21.3	21.3	20.0	20.0	20.0	25.3	25.3	25.3	25.3	25.3	25.3
Tube Diameter	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Refrigerant												
Type	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22	R-22
Ounces	222			222			222			252		
Line Size Suction I.D. (in.)	3/4	3/4	3/4	7/8	7/8	7/8	7/8	7/8	7/8	1-1/8	1-1/8	1-1/8
Line Size Liquid I.D. (in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Controls												
Compressor IPR Valve (psi) Average	500	500	500	500	500	500	500	500	500	500	500	500
High Press. Switch Auto Reset - Open / Close psi	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300	420-300
Low Press. Switch Auto Reset - Open- Close psi	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20	5 - 20
Misc.												
Shipping Weight	250	250	250	256	256	256	292	292	292	330	330	330

EXPANDED PERFORMANCE DATA (COOLING)- HCE036 WITH EBX36

			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1337	MBh	33.3	34.5	37.8	-	32.5	33.7	37.0	-	31.8	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-
		KW	2.2	2.2	2.3	-	2.3	2.3	2.4	-	2.4	2.5	2.5	-	2.5	2.6	2.7	-	2.6	2.7	2.8	-	2.7	2.8	2.8	-
	1194	MBh	32.3	33.5	36.7	-	31.6	32.7	35.9	-	30.8	32.0	35.0	-	30.1	31.2	34.2	-	28.6	29.6	32.5	-	26.5	27.4	30.1	-
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
		KW	2.2	2.2	2.2	-	2.3	2.3	2.4	-	2.4	2.5	2.5	-	2.5	2.6	2.6	-	2.6	2.7	2.7	-	2.7	2.7	2.8	-
	1051	MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.1	30.8	-	25.2	26.1	28.6	-
		S/T	0.69	0.57	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-
		KW	2.1	2.2	2.2	-	2.3	2.3	2.4	-	2.4	2.4	2.5	-	2.5	2.5	2.6	-	2.6	2.6	2.7	-	2.6	2.7	2.8	-
75	1337	MBh	33.9	34.9	37.8	40.5	33.1	34.1	36.9	39.6	32.3	33.3	36.0	38.6	31.5	32.5	35.1	37.7	29.9	30.8	33.4	35.8	27.7	28.6	30.9	33.2
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		KW	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.4	2.5	2.6	2.6	2.6	2.6	2.7	2.8	2.6	2.7	2.8	2.9	2.7	2.8	2.9	2.9
	1194	MBh	32.9	33.9	36.7	39.3	32.1	33.1	35.8	38.4	31.4	32.3	35.0	37.5	30.6	31.5	34.1	36.6	29.1	29.9	32.4	34.8	26.9	27.7	30.0	32.2
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		KW	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.5	2.4	2.5	2.5	2.6	2.5	2.6	2.7	2.7	2.6	2.7	2.8	2.8	2.7	2.8	2.8	2.9
	1051	MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39
		KW	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.5	2.6	2.5	2.5	2.6	2.7	2.6	2.6	2.7	2.8	2.7	2.7	2.8	2.9
80	1337	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.6	28.2	28.8	30.8	32.9
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
		KW	2.2	2.2	2.3	2.4	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.7	2.6	2.6	2.7	2.8	2.7	2.7	2.8	2.9	2.7	2.8	2.9	3.0
	1194	MBh	33.5	34.2	36.6	39.1	32.7	33.4	35.7	38.2	31.9	32.6	34.9	37.3	31.1	31.8	34.0	36.3	29.6	30.2	32.3	34.5	27.4	28.0	29.9	32.0
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
		KW	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.4	2.5	2.6	2.6	2.6	2.6	2.7	2.8	2.6	2.7	2.8	2.9	2.7	2.8	2.9	2.9
	1051	MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.92	0.75	0.56
		KW	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.5	2.4	2.5	2.5	2.6	2.5	2.6	2.6	2.7	2.6	2.7	2.7	2.8	2.7	2.7	2.8	2.9
85	1337	MBh	35.1	35.8	37.5	40.0	34.3	34.9	36.6	39.0	33.5	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.7	32.7
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
		KW	2.2	2.2	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.7	2.6	2.6	2.7	2.8	2.7	2.7	2.8	2.9	2.8	2.8	2.9	3.0
	1194	MBh	34.1	34.7	36.4	38.8	33.3	33.9	35.5	37.9	32.5	33.1	34.7	37.0	31.7	32.3	33.8	36.1	30.1	30.7	32.1	34.3	27.9	28.4	29.8	31.8
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		KW	2.2	2.2	2.3	2.4	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.7	2.6	2.6	2.7	2.8	2.7	2.7	2.8	2.9	2.7	2.8	2.9	3.0
	1051	MBh	32.4	33.0	34.5	36.9	31.6	32.2	33.7	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2
		S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73
		KW	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.5	2.4	2.5	2.5	2.6	2.5	2.6	2.7	2.7	2.6	2.7	2.8	2.8	2.7	2.8	2.8	2.9

*Entering Indoor Temperature-Degrees F. Dry Bulb ☐ Standard Rating

EXPANDED PERFORMANCE DATA (HEATING)

			Outdoor Ambient Temperature																	
IDB*	Airflow		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
70	1194	MBh	45.3	42.8	40.4	37.7	36.0	34.9	32.4	29.9	26.4	24.4	22.5	21.2	20.4	18.3	16.2	14.2	12.1	9.9
		T/R	35.1	33.2	31.3	29.2	27.9	27.1	25.1	23.2	20.5	18.9	17.4	16.4	15.8	14.2	12.6	11.0	9.4	7.7
		KW	2.92	2.86	2.81	2.76	2.73	2.71	2.66	2.61	2.72	2.66	2.60	2.57	2.55	2.49	2.44	2.38	2.32	2.27
		COP	4.54	4.38	4.20	4.00	3.86	3.77	3.57	3.36	2.85	2.68	2.52	2.41	2.34	2.15	1.95	1.74	1.52	1.28
		EER	15.5	15.0	14.4	13.7	13.2	12.9	12.2	11.5	9.7	9.2	8.6	8.2	8.0	7.4	6.7	5.9	5.2	4.4

EXPANDED PERFORMANCE DATA (COOLING)- HCE042 WITH EBX48

			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1562	MBh	39.7	41.1	45.1	-	38.8	40.2	44.0	-	37.8	39.2	43.0	-	36.9	38.3	41.9	-	35.1	36.4	39.8	-	32.5	33.7	36.9	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		KW	2.5	2.6	2.6	-	2.7	2.7	2.8	-	2.8	2.9	2.9	-	2.9	3.0	3.1	-	3.0	3.1	3.2	-	3.1	3.2	3.3	-
	1395	MBh	38.5	39.9	43.8	-	37.6	39.0	42.7	-	36.7	38.1	41.7	-	35.8	37.1	40.7	-	34.1	35.3	38.7	-	31.5	32.7	35.8	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		KW	2.5	2.5	2.6	-	2.7	2.7	2.8	-	2.8	2.8	2.9	-	2.9	3.0	3.1	-	3.0	3.1	3.2	-	3.1	3.2	3.3	-
	1228	MBh	35.6	36.9	40.4	-	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	31.4	32.6	35.7	-	29.1	30.2	33.1	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
		KW	2.4	2.5	2.6	-	2.6	2.6	2.7	-	2.7	2.8	2.9	-	2.9	2.9	3.0	-	3.0	3.0	3.1	-	3.0	3.1	3.2	-
75	1562	MBh	40.4	41.6	45.0	48.3	39.4	40.6	43.9	47.2	38.5	39.6	42.9	46.0	37.5	38.7	41.8	44.9	35.7	36.7	39.7	42.7	33.0	34.0	36.8	39.5
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		KW	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.1	3.2	3.3	3.2	3.2	3.3	3.4
	1395	MBh	39.2	40.3	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	36.5	37.5	40.6	43.6	34.6	35.7	38.6	41.4	32.1	33.0	35.7	38.4
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		KW	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	2.9	3.0	2.9	3.0	3.1	3.2	3.0	3.1	3.2	3.3	3.1	3.2	3.3	3.4
	1228	MBh	36.2	37.2	40.3	43.3	35.3	36.4	39.4	42.3	34.5	35.5	38.4	41.2	33.6	34.6	37.5	40.2	32.0	32.9	35.6	38.2	29.6	30.5	33.0	35.4
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		KW	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	3.0	2.9	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.1	3.2	3.3
80	1562	MBh	41.1	42.0	44.8	47.9	40.1	41.0	43.8	46.8	39.2	40.0	42.8	45.7	38.2	39.0	41.7	44.6	36.3	37.1	39.6	42.4	33.6	34.4	36.7	39.2
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
		KW	2.5	2.6	2.7	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.2	3.2	3.3	3.2	3.2	3.3	3.4
	1395	MBh	39.9	40.8	43.5	46.5	39.0	39.8	42.5	45.5	38.0	38.9	41.5	44.4	37.1	37.9	40.5	43.3	35.2	36.0	38.5	41.1	32.6	33.4	35.6	38.1
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
		KW	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.1	3.2	3.3	3.2	3.2	3.3	3.4
	1228	MBh	36.8	37.6	40.2	43.0	36.0	36.7	39.3	42.0	35.1	35.9	38.3	41.0	34.2	35.0	37.4	40.0	32.5	33.2	35.5	38.0	30.1	30.8	32.9	35.2
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58
		KW	2.5	2.5	2.6	2.7	2.6	2.7	2.8	2.8	2.8	2.8	2.9	3.0	2.9	3.0	3.0	3.1	3.0	3.1	3.1	3.2	3.1	3.2	3.2	3.3
85	1562	MBh	41.8	42.6	44.6	47.6	40.8	41.6	43.6	46.5	39.9	40.6	42.5	45.4	38.9	39.6	41.5	44.3	36.9	37.6	39.4	42.1	34.2	34.9	36.5	39.0
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		KW	2.6	2.6	2.7	2.8	2.7	2.8	2.9	2.9	2.9	2.9	3.0	3.1	3.0	3.1	3.1	3.2	3.1	3.2	3.3	3.4	3.2	3.3	3.4	3.5
	1395	MBh	40.6	41.4	43.3	46.2	39.6	40.4	42.3	45.1	38.7	39.4	41.3	44.1	37.7	38.5	40.3	43.0	35.9	36.6	38.3	40.8	33.2	33.9	35.5	37.8
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		KW	2.5	2.6	2.7	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.2	3.2	3.3	3.2	3.2	3.3	3.4
	1228	MBh	37.5	38.2	40.0	42.7	36.6	37.3	39.1	41.7	35.7	36.4	38.1	40.7	34.8	35.5	37.2	39.7	33.1	33.7	35.3	37.7	30.7	31.3	32.7	34.9
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		KW	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.8	2.9	3.0	2.9	3.0	3.1	3.1	3.0	3.1	3.2	3.3	3.1	3.2	3.3	3.4

*Entering Indoor Temperature-Degrees F. Dry Bulb ☐ Standard Rating

EXPANDED PERFORMANCE DATA (HEATING)

			Outdoor Ambient Temperature																	
IDB*	Airflow		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
70	1395	MBh	49.7	47.0	44.3	41.4	39.5	38.3	35.6	32.8	32.1	29.7	27.3	25.8	24.8	22.3	19.8	17.2	14.7	12.0
		T/R	33.0	31.2	29.4	27.5	26.2	25.4	23.6	21.8	21.3	19.7	18.1	17.1	16.5	14.8	13.1	11.4	9.8	8.0
		KW	3.31	3.25	3.19	3.14	3.10	3.08	3.02	2.96	3.17	3.10	3.04	3.00	2.97	2.91	2.84	2.78	2.71	2.65
		COP	4.39	4.23	4.06	3.86	3.73	3.64	3.44	3.24	2.97	2.80	2.63	2.52	2.44	2.24	2.03	1.81	1.59	1.33
		EER	15.0	14.5	13.9	13.2	12.7	12.4	11.8	11.1	10.1	9.6	9.0	8.6	8.4	7.7	7.0	6.2	5.4	4.5

EXPANDED PERFORMANCE DATA (COOLING)-HCE048 WITH EBX48

			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1836	MBh	45.6	47.2	51.7	-	44.5	46.1	50.5	-	43.4	45.0	49.3	-	42.4	43.9	48.1	-	40.3	41.7	45.7	-	37.3	38.7	42.4	-
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-
		KW	3.0	3.0	3.1	-	3.2	3.2	3.3	-	3.3	3.4	3.5	-	3.5	3.6	3.7	-	3.6	3.7	3.8	-	3.7	3.8	3.9	-
	1639	MBh	44.2	45.9	50.2	-	43.2	44.8	49.1	-	42.2	43.7	47.9	-	41.2	42.7	46.7	-	39.1	40.5	44.4	-	36.2	37.5	41.1	-
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		KW	2.9	3.0	3.1	-	3.1	3.2	3.3	-	3.3	3.4	3.5	-	3.5	3.5	3.6	-	3.6	3.7	3.8	-	3.7	3.8	3.9	-
	1442	MBh	42.0	43.6	47.7	-	41.0	42.5	46.6	-	40.1	41.5	45.5	-	39.1	40.5	44.4	-	37.1	38.5	42.2	-	34.4	35.7	39.1	-
		S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.48	-
		KW	2.9	2.9	3.0	-	3.1	3.1	3.2	-	3.3	3.3	3.4	-	3.4	3.5	3.6	-	3.5	3.6	3.7	-	3.6	3.7	3.8	-
75	1836	MBh	46.3	47.7	51.6	55.4	45.3	46.6	50.4	54.1	44.2	45.5	49.2	52.8	43.1	44.4	48.0	51.6	41.0	42.2	45.6	49.0	37.9	39.1	42.3	45.4
		S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.45
		KW	3.0	3.0	3.1	3.2	3.2	3.2	3.3	3.4	3.4	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.6	3.7	3.8	3.9	3.8	3.8	3.9	4.1
	1639	MBh	45.0	46.3	50.1	53.8	43.9	45.2	49.0	52.6	42.9	44.2	47.8	51.3	41.9	43.1	46.6	50.1	39.8	40.9	44.3	47.6	36.8	37.9	41.0	44.0
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42
		KW	3.0	3.0	3.1	3.2	3.2	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.6	3.7	3.8	3.9	3.7	3.8	3.9	4.0
	1442	MBh	42.7	44.0	47.6	51.1	41.7	43.0	46.5	49.9	40.8	42.0	45.4	48.7	39.8	40.9	44.3	47.6	37.8	38.9	42.1	45.2	35.0	36.0	39.0	41.8
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41
		KW	2.9	3.0	3.1	3.1	3.1	3.2	3.3	3.4	3.3	3.3	3.4	3.5	3.4	3.5	3.6	3.7	3.6	3.6	3.7	3.8	3.7	3.7	3.9	4.0
80	1836	MBh	47.2	48.2	51.5	55.0	46.1	47.1	50.3	53.8	45.0	46.0	49.1	52.5	43.9	44.8	47.9	51.2	41.7	42.6	45.5	48.6	38.6	39.5	42.1	45.1
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64
		KW	3.0	3.1	3.1	3.2	3.2	3.3	3.4	3.5	3.4	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.7	3.7	3.9	4.0	3.8	3.9	4.0	4.1
	1639	MBh	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.7	44.6	47.7	51.0	42.6	43.5	46.5	49.7	40.5	41.3	44.2	47.2	37.5	38.3	40.9	43.7
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		KW	3.0	3.0	3.1	3.2	3.2	3.2	3.3	3.4	3.4	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.6	3.7	3.8	3.9	3.8	3.8	3.9	4.1
	1442	MBh	43.5	44.4	47.5	50.8	42.5	43.4	46.4	49.6	41.5	42.4	45.3	48.4	40.5	41.3	44.2	47.2	38.4	39.3	42.0	44.9	35.6	36.4	38.9	41.6
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95	0.78	0.58	1.02	0.96	0.78	0.58
		KW	2.9	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.5	3.5	3.6	3.7	3.6	3.7	3.8	3.9	3.7	3.8	3.9	4.0
85	1836	MBh	48.0	48.9	51.2	54.7	46.9	47.8	50.0	53.4	45.8	46.6	48.8	52.1	44.6	45.5	47.7	50.8	42.4	43.2	45.3	48.3	39.3	40.0	41.9	44.7
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.83
		KW	3.0	3.1	3.2	3.2	3.2	3.3	3.4	3.5	3.4	3.5	3.6	3.7	3.6	3.6	3.7	3.9	3.7	3.8	3.9	4.0	3.8	3.9	4.0	4.1
	1639	MBh	46.6	47.5	49.7	53.1	45.5	46.4	48.6	51.8	44.4	45.3	47.4	50.6	43.3	44.2	46.3	49.4	41.2	42.0	44.0	46.9	38.1	38.9	40.7	43.4
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		KW	3.0	3.1	3.1	3.2	3.2	3.3	3.4	3.5	3.4	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.7	3.7	3.9	4.0	3.8	3.9	4.0	4.1
	1442	MBh	44.3	45.1	47.3	50.4	43.2	44.1	46.2	49.2	42.2	43.0	45.1	48.1	41.2	42.0	44.0	46.9	39.1	39.9	41.8	44.5	36.2	36.9	38.7	41.3
		S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		KW	3.0	3.0	3.1	3.2	3.2	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.6	3.7	3.8	3.9	3.7	3.8	3.9	4.0

*Entering Indoor Temperature-Degrees F. Dry Bulb ☐ Standard Rating

EXPANDED PERFORMANCE DATA (HEATING)

			Outdoor Ambient Temperature																	
IDB*	Airflow		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
70	1639	MBh	61.0	57.7	54.4	50.8	48.5	47.0	43.7	40.3	39.1	36.1	33.3	31.4	30.2	27.1	24.1	21.0	17.9	14.7
		T/R	34.4	32.6	30.7	28.7	27.4	26.5	24.7	22.7	22.1	20.4	18.8	17.7	17.1	15.3	13.6	11.8	10.1	8.3
		KW	3.94	3.86	3.79	3.72	3.68	3.65	3.58	3.51	3.65	3.57	3.50	3.45	3.42	3.34	3.27	3.19	3.11	3.04
		COP	4.53	4.37	4.19	3.99	3.86	3.77	3.57	3.36	3.13	2.96	2.78	2.66	2.59	2.37	2.15	1.92	1.68	1.41
		EER	15.5	14.9	14.3	13.6	13.2	12.9	12.2	11.5	10.7	10.1	9.5	9.1	8.8	8.1	7.4	6.6	5.7	4.8

EXPANDED PERFORMANCE DATA (COOLING)-HCE060 WITH EBX60

			Outdoor Ambient Temperature - Degrees F. Dry Bub																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1836	MBh	54.9	56.9	62.3	-	53.6	55.6	60.9	-	52.3	54.2	59.4	-	51.0	52.9	58.0	-	48.5	50.3	55.1	-	44.9	46.6	51.0	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
		KW	3.4	3.5	3.6	-	3.7	3.7	3.8	-	3.9	4.0	4.1	-	4.1	4.1	4.3	-	4.2	4.3	4.4	-	4.3	4.4	4.6	-
	1639	MBh	53.3	55.2	60.5	-	52.0	53.9	59.1	-	50.8	52.7	57.7	-	49.6	51.4	56.3	-	47.1	48.8	53.5	-	43.6	45.2	49.5	-
		S/T	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
		KW	3.4	3.5	3.6	-	3.6	3.7	3.8	-	3.8	3.9	4.0	-	4.0	4.1	4.2	-	4.2	4.3	4.4	-	4.3	4.4	4.5	-
	1442	MBh	50.6	52.5	57.5	-	49.4	51.2	56.1	-	48.3	50.0	54.8	-	47.1	48.8	53.5	-	44.7	46.4	50.8	-	41.4	42.9	47.1	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-
		KW	3.4	3.4	3.5	-	3.6	3.7	3.8	-	3.8	3.9	4.0	-	4.0	4.0	4.2	-	4.1	4.2	4.3	-	4.2	4.3	4.5	-
75	1836	MBh	55.8	57.5	62.2	66.7	54.5	56.1	60.7	65.2	53.2	54.8	59.3	63.6	51.9	53.4	57.9	62.1	49.3	50.8	55.0	59.0	45.7	47.0	50.9	54.6
		S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
		KW	3.5	3.5	3.6	3.7	3.7	3.8	3.9	4.0	3.9	4.0	4.1	4.2	4.1	4.2	4.3	4.4	4.2	4.3	4.5	4.6	4.4	4.5	4.6	4.7
	1639	MBh	54.2	55.8	60.4	64.8	52.9	54.5	59.0	63.3	51.7	53.2	57.6	61.8	50.4	51.9	56.2	60.3	47.9	49.3	53.4	57.3	44.4	45.7	49.4	53.0
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
		KW	3.4	3.5	3.6	3.7	3.7	3.7	3.8	4.0	3.9	4.0	4.1	4.2	4.1	4.1	4.3	4.4	4.2	4.3	4.4	4.6	4.3	4.4	4.6	4.7
	1442	MBh	51.5	53.0	57.4	61.6	50.3	51.8	56.0	60.1	49.1	50.5	54.7	58.7	47.9	49.3	53.4	57.3	45.5	46.8	50.7	54.4	42.1	43.4	47.0	50.4
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38
		KW	3.4	3.5	3.6	3.7	3.6	3.7	3.8	3.9	3.8	3.9	4.0	4.1	4.0	4.1	4.2	4.3	4.1	4.2	4.4	4.5	4.3	4.4	4.5	4.6
80	1836	MBh	56.8	58.0	62.0	66.3	55.5	56.7	60.6	64.7	54.2	55.3	59.1	63.2	52.8	54.0	57.7	61.7	50.2	51.3	54.8	58.6	46.5	47.5	50.8	54.3
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		KW	3.5	3.6	3.7	3.8	3.7	3.8	3.9	4.0	3.9	4.0	4.1	4.2	4.1	4.2	4.3	4.5	4.3	4.4	4.5	4.6	4.4	4.5	4.6	4.8
	1639	MBh	55.1	56.3	60.2	64.4	53.9	55.0	58.8	62.9	52.6	53.7	57.4	61.4	51.3	52.4	56.0	59.9	48.7	49.8	53.2	56.9	45.1	46.1	49.3	52.7
		S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
		KW	3.5	3.5	3.6	3.7	3.7	3.8	3.9	4.0	3.9	4.0	4.1	4.2	4.1	4.2	4.3	4.4	4.2	4.3	4.5	4.6	4.4	4.5	4.6	4.7
	1442	MBh	52.4	53.5	57.2	61.1	51.2	52.3	55.9	59.7	49.9	51.0	54.5	58.3	48.7	49.8	53.2	56.9	46.3	47.3	50.5	54.0	42.9	43.8	46.8	50.0
		S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		KW	3.4	3.5	3.6	3.7	3.6	3.7	3.8	3.9	3.8	3.9	4.0	4.2	4.0	4.1	4.2	4.4	4.2	4.3	4.4	4.5	4.3	4.4	4.5	4.7
85	1836	MBh	57.8	58.9	61.7	65.8	56.4	57.5	60.3	64.3	55.1	56.2	58.8	62.8	53.8	54.8	57.4	61.2	51.1	52.1	54.5	58.2	47.3	48.2	50.5	53.9
		S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		KW	3.5	3.6	3.7	3.8	3.8	3.8	3.9	4.0	4.0	4.0	4.2	4.3	4.1	4.2	4.4	4.5	4.3	4.4	4.5	4.7	4.4	4.5	4.7	4.8
	1639	MBh	56.1	57.2	59.9	63.9	54.8	55.9	58.5	62.4	53.5	54.5	57.1	60.9	52.2	53.2	55.7	59.4	49.6	50.5	52.9	56.5	45.9	46.8	49.0	52.3
		S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
		KW	3.5	3.6	3.7	3.8	3.7	3.8	3.9	4.0	3.9	4.0	4.1	4.2	4.1	4.2	4.3	4.5	4.3	4.4	4.5	4.6	4.4	4.5	4.6	4.8
	1442	MBh	53.3	54.3	56.9	60.7	52.1	53.1	55.6	59.3	50.8	51.8	54.3	57.9	49.6	50.5	52.9	56.5	47.1	48.0	50.3	53.6	43.6	44.5	46.6	49.7
		S/T	0.88	0.84	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.88	0.71
		KW	3.4	3.5	3.6	3.7	3.7	3.7	3.8	4.0	3.9	4.0	4.1	4.2	4.1	4.1	4.3	4.4	4.2	4.3	4.4	4.6	4.3	4.4	4.6	4.7

*Entering IndoorTemperature-Degrees F. Dry Bulb ☐ Standard Rating

EXPANDED PERFORMANCE DATA (HEATING)

			Outdoor Ambient Temperature																	
IDB*	Airflow		65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
70	1639	MBh	72.9	69.0	65.0	60.7	58.0	56.2	52.2	48.1	46.1	42.6	39.2	37.0	35.6	32.0	28.3	24.7	21.1	17.3
		T/R	41.2	39.0	36.7	34.3	32.8	31.8	29.5	27.2	26.0	24.0	22.1	20.9	20.1	18.1	16.0	14.0	11.9	9.8
		KW	4.51	4.43	4.35	4.27	4.22	4.19	4.11	4.02	4.17	4.08	3.99	3.94	3.91	3.82	3.73	3.64	3.56	3.47
		COP	4.73	4.56	4.38	4.16	4.02	3.93	3.72	3.50	3.24	3.05	2.87	2.75	2.67	2.45	2.22	1.98	1.74	1.46
		EER	16.2	15.6	14.9	14.2	13.7	13.4	12.7	12.0	11.1	10.4	9.8	9.4	9.1	8.4	7.6	6.8	5.9	5.0

HCE COIL MATCHES

Outdoor Model Number	Indoor Model Number	Cooling Capacity (Btuh)	SEER	Heating Hi Temp 47 F Capacity	Heating Hi Temp 47 F COP	Heating HSPF (Btuh/ Watt)	Heating Lo Temp 17 F Capacity (Btuh)	Heating Lo Temp 17 F COP
HCE036(G)H,L,S	EBX36****	34000	12	36000	3.02	7.8	22800	2.28
	EAH5536**+TD1+TXV	33000	12	35000	3.72	7.8	22400	3.06
	EX*36F****+TD1	33000	12	35000	3.48	7.8	22400	2.8
	EX*36F****+MV12F19****	33600	12.5	35000	3.58	8	22000	2.88
	EP*48F****+TD1+TXV	33000	12	35000	3.66	7.8	22400	3
	EMH48F****+TD1+TXV	33400	12	35000	3.5	7.8	22600	2.8
	EX*36J****+MV16J22****	34000	13	35000	3.7	8	21800	2.92
	EX*36J****+TD1	33400	12	35000	3.5	7.8	22600	2.8
	EBP42****+TXV	33000	11.5	36000	2.84	7	22200	2.06
HCE042(G)H,L,S	EBX48****	40500	12	39000	3.12	8	24800	2.2
	EMH48F****+TD1+TXV	38500	11.5	40000	2.68	6.8	26000	1.98
	EX*48L****+TD1	39500	12	38500	3.16	7.8	24800	2.22
	EAH5548**+TD1+TXV	39500	11.5	38500	3.28	7.8	24800	2.3
	EP*48J****+TD1+TXV	39000	11.5	39000	2.98	7.6	25200	2.1
	EP*48J****+MV16J22****+TXV	39000	13	38500	3.06	7.6	24400	2.18
	EX*48N****+TD1	39500	12	38500	3.16	7.6	24800	2.22
	EX*48J****+TD1	39500	12	38500	3.16	7.8	24800	2.22
HCE048(G)H,L,S	EBX48****	46500	12	48500	3.16	8	32000	2.44
	EX*48N****+MV20N26****	45500	12.5	48000	3.32	8.4	31400	2.54
	EX*60N****+TD1	46000	12	48500	3.42	8	31000	2.62
	EX*48J****+TD1	45000	12	48500	3.14	8	32000	2.44
	EX*48L****+TD1	45000	12	48500	3.14	8	32000	2.44
	EX*60L****+TD1	46000	12	48500	3.42	8	31000	2.64
	EX*48J****+MV16J22****	45500	12.5	48000	3.32	8.4	31400	2.54
	EAH5548**+TD1+TXV	45000	11.5	48000	3.38	7.8	31600	2.62
	EBX60****	47000	12	48000	3.38	8.4	31600	2.6
	EX*48N****+TD1	45000	12	48500	3.14	8	32000	2.44
HCE060(G)H,L,S	EBX60****	56000	11.6	58500	3.36	8.2	37400	2.38
	EX*60L****+TD1	56000	11.6	57500	3.4	8	36800	2.42
	EX*60N****+TD1	56000	11.6	57500	3.4	8	36800	2.42
	EX*60N****+MV20N26****	56500	12	57000	3.5	8.4	36400	2.46
	EAH5560**+TD1+TXV	55500	11.5	57500	3.42	7.8	37000	2.44

Many matHCEs require a pin change. Always HCEck pin size to insure maximum performance. PIN=Refrigerant orifice PIN size. TD1=AMA001TDA Indoor Blower Time Delay Kit, required to make SEER indicated. All products using an electronic fan control satisfy TD1 requirements. TXV=Thermostatic Expansion Valve, TXV153 (AMF153) replaces HTXV1,2 or 3 where listed in ratings, TXV335 (AMF335) Replaces HTXV4 or 5 where listed in ratings.

MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER H C E 036 G H C

PRODUCT FAMILY

H = Heat Pump

PRODUCT TYPE

C = Condensor

SERIES

E = Series, 12 SEER

CAPACITY MBTUH

036 = 36,000, 042 = 42,000, 048 = 48,000, 060 = 60,000

Enhanced Hail Guard Option

SALES CODE

ELECTRICAL

CODE	VOLTS	PHASE	CYCLE
H	208/230	3	60
L	460	3	60
S	575	3	60

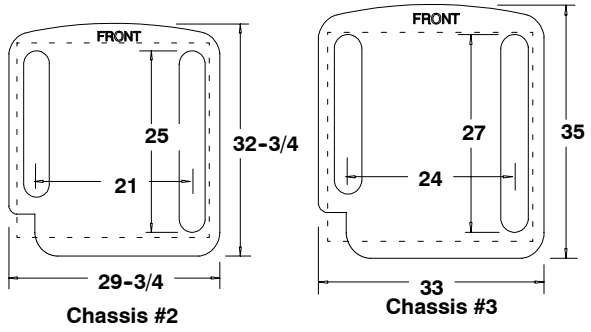
DIMENSIONS AND ACCESSORIES

DIMENSIONS

Model	Chassis	Height (H)
036	2	32-5/8"
042	2	32-5/8"
048	3	40-5/8"
060	3	40-5/8"

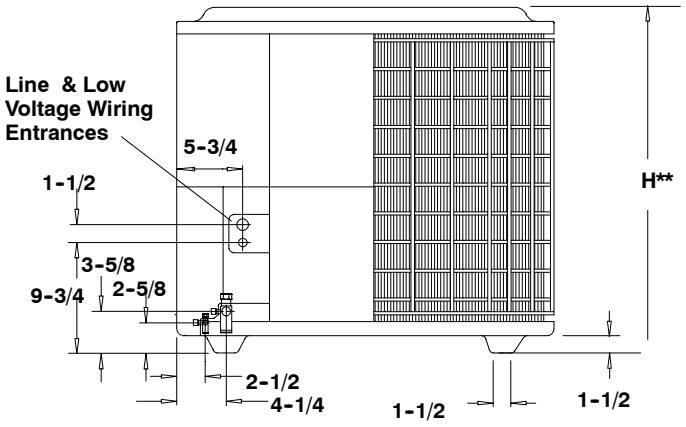
Minimum Mounting Pad Sizes with pad starting at 9" from structure for minimum clearance of 6".

Chassis #2 24" W X 26" D
Chassis #3 27" W X 28" D



Chassis #2 Chassis #3

ALL DIMENSIONS IN INHCES



Accessory	Description	Used On
AMB001CMA	Enhanced Coil Guard (Package of 6 oversized pieces)	All Models
AMF153TKB	Expansion Valve Kit	3 Ton
AMF355TKB	Expansion Valve Kit	3 1/2 - 5 Ton
AXWR01DFA	Fossil Fuel Kit	All Models
AMA001TDA	Indoor Blower Time Delay	All Models
1053477 *	Compressor Crankcase Heater Solid State "Stick On" Type	All Models
1148113 *	Compressor Crankcase Heater "Wrap-around" Type	All Models
1060833*	Compressor Sound Jacket (Small Scroll)	3 Ton
1060834 *	Compressor Sound Jacket (Large Scroll)	3 1/2 - 5 Ton

* Order from Service Parts

EXTENDED REFRIGERANT LINE CORRECTION FACTORS

Varying Line Length in Feet (m) vs. Total Capacity Multiplier					
25 (8)	50 (15)	75 (23)	100 (30)	125 (38)	150 (46)
1.00	.99	.98	.96	.94	.92

REFRIGERANT CHARGE DATA

Refrigerant charge correction per foot (305mm) of line:

1/4" O.D. = .25 oz.; 5/16" O.D. = .45 oz.; 3/8" O.D. = .60 oz.;
1/2" O.D. = 1.2 oz.

VOLTAGE CORRECTION FACTORS

Volts	Capacity	Watts
208	.98	.99

INDOOR AIRFLOW CORRECTION TABLE

% Rated Air	90	95	100	105	110
Total Cap. Mult.	.98	.99	1.00	1.01	1.03
Sens Cap. Mult.	.95	.98	1.00	1.03	1.05

INDOOR TEMPERATURE CORRECTION TABLE

(Based on 95°F Ambient)

Indoor D.B. °F (°C).	Correction Factor	Entering Indoor Wet Bulb °F (°C).						
		59 (15)	61 (16)	63 (17)	65 (18)	67 (19)	69 (20)	71 (21)
70 (21)	Total Cap. Mult.	**.90**	.93	.96	.99	1.02	-	-
	Sens Cap. Mult.	**.86**	.85	.82	.77	.70	-	-
75 (24)	Total Cap. Mult.	.89	.92	**.95**	.98	1.01	1.04	-
	Sens Cap. Mult.	1.04	1.03	**1.00**	.95	.88	.78	-
80 (26)	Total Cap. Mult.	.88	.91	.94	.97	**1.00**	1.03	1.06
	Sens Cap. Mult.	1.18	1.17	1.14	1.08	**1.00**	.89	.73
85 (29)	Total Cap. Mult.	-	.90	.93	.96	.99	1.02	**1.05**
	Sens Cap. Mult.	-	1.29	1.26	1.20	1.11	.98	**.81**

Bold Type = approximately 50% Relative Humidity