



HCC Series

SPLIT HEAT PUMP

3 thru 5 TON

SPECIFICATIONS

COMMERCIAL SPLIT HEAT PUMP FEATURES

REFRIGERATION CIRCUIT

- High efficiency scroll compressors on all models
- Suction line accumulator on all models
- Integrated solid state time / temperature defrost and Compressor anticycle timer
- Soft defrost change over
- High and Low pressure switches
- Large biflow filter driers

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
- 1 Year parts, 5 year compressor limited warranties

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



10 - 11 SEER
Three Phase



Rated in accordance
with ARI Standard 210.



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

506 56 1301 03

2/10/04

UNIT SPECIFICATIONS												
	MODELS - HCC											
Cooling	036HC	036LC	036SC	042HC	042LC	042SC	048HC	048LC	048SC	060HC	060LC	060SC
Net Capacity BTUH Range	32,400 to 35,400			39,000 to 42,000			43,000 to 47,000			51,000 to 58,000		
S.E.E.R. RANGE	10.0 - 11.0			10.0 - 11.0			10.0 - 11.0			10.0 - 10.5		
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	197-253	414-506	517-633	197-253	414-506	517-633	197-253	414-506	517-633	197-253	414-506	517-633
Total Unit Amps	12.2	5.9	4.8	14.3	7.2	5.4	14.3	7.3	5.8	20.1	9.9	7.3
Min. Circuit Amp.	14.7	7.2	5.9	17.5	8.8	6.6	17.5	8.9	7.1	24.7	10.8	8.9
Minimum Fuse Size	20	15	15	25	15	15	25	15	15	35	20	15
Max. Fuse	20	15	15	25	15	15	30	15	15	40	20	15
Compressor												
RLA	11.4	5.7	4.7	13.9	7.1	5.4	14.3	7.2	5.7	20.7	9.0	7.4
LRA	77.0	39.0	31.0	88.0	44.0	34.0	91.0	46.0	37.0	128.0	62.0	49.0
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	0.74	0.57	1.9	0.74	0.57	1.5	0.87	0.68	1.5	0.87	0.68
LRA	3.7	2.15	1.88	3.7	2.15	1.88	2.9	1.8	1.65	2.9	1.8	1.65
Blades/Diameter/Pitch	3/20/24	3/20/24	3/20/24	3/20/31	3/20/31	3/20/31	3/26/27	3/26/27	3/26/27	2/26/25	2/26/25	2/26/25
Hp - Rpm - Speeds	1/3-1075-1	1/3-1100-1	1/3-1100-1	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
Bearing Type	SAB	Sleeve	SAB	SAB	Sleeve	SAB	SAB	Sleeve	Sleeve	SAB	Sleeve	Sleeve
Rotation (Shaft End)	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW	CW
Max. CFM	3200	3200	3200	3200	3200	3200	3900	3900	3900	3900	3900	3900
Condenser Coil												
Rows / Fins per Inch	1 / 18	1 / 18	1 / 18	1 / 22	1 / 22	1 / 22	1 / 18	1 / 18	1 / 18	2 / 18	2 / 18	2 / 18
Total Face Area-Sq. ft.	17.8	17.8	17.8	20.4	20.4	20.4	25.4	25.4	25.4	20.0	20.0	20.0
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 *	117			150			186.1			274		
Supplied Optional Orifice Size	.070	.070	.070	.073	.073	.073	.082	.082	.082	.093	.093	.093
Line Size Suction I.D. (in.)	3/4	3/4	3/4	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8	7/8
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	201	201	201	216	216	216	242	242	242	280	280	280

* Units shipped with holding charge.

EXPANDED PERFORMANCE DATA (COOLING)-HCC036 WITH EBX036

		Outdoor Ambient Temperature - Degrees F. Dry Bulb																								
		65				75				85				95				105				115				
IDB*	Airflow	Entering Indoor Temperature - Degrees F. Wet Bulb																								
		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	1344	MBh	33.6	34.8	38.2	-	32.8	34.0	37.3	-	32.0	33.2	36.4	-	31.3	32.4	35.5	-	29.7	30.8	33.7	-	27.5	28.5	31.2	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		KW	2.2	2.3	2.3	-	2.4	2.4	2.5	-	2.5	2.6	2.6	-	2.6	2.7	2.8	-	2.7	2.8	2.9	-	2.8	2.9	2.9	-
	1200	MBh	32.6	33.8	37.1	-	31.9	33.0	36.2	-	31.1	32.2	35.3	-	30.4	31.5	34.5	-	28.8	29.9	32.7	-	26.7	27.7	30.3	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		KW	2.2	2.2	2.3	-	2.4	2.4	2.5	-	2.5	2.5	2.6	-	2.6	2.7	2.7	-	2.7	2.8	2.8	-	2.8	2.8	2.9	-
	1056	MBh	31.0	32.1	35.2	-	30.3	31.4	34.4	-	29.6	30.6	33.6	-	28.8	29.9	32.7	-	27.4	28.4	31.1	-	25.4	26.3	28.8	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		KW	2.2	2.2	2.3	-	2.3	2.4	2.4	-	2.4	2.5	2.6	-	2.6	2.6	2.7	-	2.7	2.7	2.8	-	2.7	2.8	2.9	-
75	1344	MBh	34.2	35.2	38.1	40.9	33.4	34.4	37.2	39.9	32.6	33.6	36.3	39.0	31.8	32.7	35.4	38.0	30.2	31.1	33.7	36.1	28.0	28.8	31.2	33.5
		S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
		KW	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.6	2.5	2.6	2.6	2.7	2.6	2.7	2.8	2.9	2.7	2.8	2.9	3.0	2.8	2.9	3.0	3.1
	1200	MBh	33.2	34.2	37.0	39.7	32.4	33.4	36.1	38.8	31.6	32.6	35.3	37.8	30.9	31.8	34.4	36.9	29.3	30.2	32.7	35.1	27.2	28.0	30.3	32.5
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		KW	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.6	2.5	2.6	2.6	2.7	2.6	2.7	2.8	2.8	2.7	2.8	2.9	2.9	2.8	2.9	2.9	3.0
	1056	MBh	31.5	32.5	35.1	37.7	30.8	31.7	34.3	36.8	30.1	30.9	33.5	36.0	29.3	30.2	32.7	35.1	27.9	28.7	31.0	33.3	25.8	26.6	28.8	30.9
		S/T	0.79	0.71	0.54	0.35	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		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	2.8	2.8	2.9	3.0
80	1344	MBh	34.8	35.5	38.0	40.6	34.0	34.7	37.1	39.7	33.2	33.9	36.2	38.7	32.4	33.1	35.3	37.8	30.7	31.4	33.6	35.9	28.5	29.1	31.1	33.2
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		KW	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.6	2.5	2.6	2.7	2.7	2.7	2.7	2.8	2.9	2.8	2.8	2.9	3.0	2.8	2.9	3.0	3.1
	1200	MBh	33.8	34.5	36.9	39.4	33.0	33.7	36.0	38.5	32.2	32.9	35.2	37.6	31.4	32.1	34.3	36.7	29.8	30.5	32.6	34.8	27.6	28.3	30.2	32.3
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
		KW	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.6	2.5	2.6	2.6	2.7	2.6	2.7	2.8	2.9	2.7	2.8	2.9	3.0	2.8	2.9	3.0	3.1
	1056	MBh	32.1	32.8	35.0	37.4	31.3	32.0	34.2	36.6	30.6	31.3	33.4	35.7	29.8	30.5	32.6	34.8	28.4	29.0	31.0	33.1	26.3	26.8	28.7	30.7
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57
		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	2.7	2.7	2.8	2.7	2.8	2.8	2.9	2.8	2.8	2.9	3.0
85	1344	MBh	35.4	36.1	37.8	40.3	34.6	35.2	36.9	39.4	33.7	34.4	36.0	38.4	32.9	33.6	35.2	37.5	31.3	31.9	33.4	35.6	29.0	29.5	30.9	33.0
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
		KW	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.8	2.7	2.7	2.8	2.9	2.8	2.8	2.9	3.0	2.9	2.9	3.0	3.1
	1200	MBh	34.4	35.0	36.7	39.1	33.6	34.2	35.8	38.2	32.8	33.4	35.0	37.3	32.0	32.6	34.1	36.4	30.4	31.0	32.4	34.6	28.1	28.7	30.0	32.0
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
		KW	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.6	2.5	2.6	2.7	2.7	2.7	2.7	2.8	2.9	2.8	2.8	2.9	3.0	2.8	2.9	3.0	3.1
	1056	MBh	32.6	33.3	34.9	37.2	31.9	32.5	34.0	36.3	31.1	31.7	33.2	35.5	30.4	31.0	32.4	34.6	28.9	29.4	30.8	32.9	26.7	27.2	28.5	30.4
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		KW	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.6	2.5	2.6	2.6	2.7	2.6	2.7	2.8	2.8	2.7	2.8	2.9	2.9	2.8	2.9	2.9	3.0

*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
70	1200	MBh	44.9	42.5	40.0	37.4	35.7	34.6	32.1	29.6	27.5	25.4	23.4
		T/R	34.6	32.8	30.9	28.8	27.5	26.7	24.8	22.9	21.2	19.6	18.1
		KW	2.82	2.77	2.72	2.67	2.64	2.62	2.57	2.52	2.74	2.68	2.62
		QOP	4.66	4.49	4.31	4.10	3.96	3.87	3.66	3.45	2.95	2.78	2.61
		EER	15.9	15.3	14.7	14.0	13.5	13.2	12.5	11.8	10.1	9.5	8.9

EXPANDED PERFORMANCE DATA (COOLING)-HCC042 WITH EBX048

IDB* Airflow			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			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	1568	MBh	38.9	40.3	44.2	-	38.0	39.4	43.2	-	37.1	38.4	42.1	-	36.2	37.5	41.1	-	34.4	35.6	39.0	-	31.8	33.0	36.2	-
		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	2.7	2.8	2.8	-	2.9	3.0	3.0	-	3.1	3.1	3.2	-	3.2	3.3	3.4	-	3.3	3.4	3.5	-	3.4	3.5	3.6	-
	1400	MBh	37.8	39.1	42.9	-	36.9	38.2	41.9	-	36.0	37.3	40.9	-	35.1	36.4	39.9	-	33.4	34.6	37.9	-	30.9	32.0	35.1	-
		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	2.7	2.8	2.8	-	2.9	2.9	3.0	-	3.0	3.1	3.2	-	3.2	3.2	3.3	-	3.3	3.4	3.5	-	3.4	3.5	3.6	-
	1232	MBh	35.9	37.2	40.7	-	35.0	36.3	39.8	-	34.2	35.5	38.9	-	33.4	34.6	37.9	-	31.7	32.9	36.0	-	29.4	30.4	33.4	-
		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	2.7	2.7	2.8	-	2.8	2.9	3.0	-	3.0	3.1	3.1	-	3.1	3.2	3.3	-	3.2	3.3	3.4	-	3.3	3.4	3.5	-
75	1568	MBh	39.6	40.7	44.1	47.3	38.6	39.8	43.1	46.2	37.7	38.8	42.0	45.1	36.8	37.9	41.0	44.0	35.0	36.0	39.0	41.8	32.4	33.3	36.1	38.7
		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	2.7	2.8	2.9	2.9	2.9	3.0	3.1	3.1	3.1	3.1	3.2	3.3	3.2	3.3	3.4	3.5	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.7
	1400	MBh	38.4	39.5	42.8	45.9	37.5	38.6	41.8	44.9	36.6	37.7	40.8	43.8	35.7	36.8	39.8	42.7	33.9	34.9	37.8	40.6	31.4	32.4	35.0	37.6
		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	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.3	3.2	3.3	3.4	3.5	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.7
	1232	MBh	36.5	37.6	40.7	43.6	35.6	36.7	39.7	42.6	34.8	35.8	38.8	41.6	33.9	34.9	37.8	40.6	32.2	33.2	35.9	38.6	29.9	30.8	33.3	35.7
		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	2.7	2.7	2.8	2.9	2.9	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.2	3.2	3.3	3.4	3.3	3.3	3.4	3.5	3.4	3.4	3.5	3.6
80	1568	MBh	40.3	41.1	44.0	47.0	39.3	40.2	42.9	45.9	38.4	39.2	41.9	44.8	37.5	38.3	40.9	43.7	35.6	36.4	38.8	41.5	33.0	33.7	36.0	38.5
		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	2.8	2.8	2.9	3.0	2.9	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.2	3.3	3.4	3.5	3.4	3.4	3.5	3.6	3.5	3.5	3.7	3.8
	1400	MBh	39.1	39.9	42.7	45.6	38.2	39.0	41.7	44.6	37.3	38.1	40.7	43.5	36.4	37.2	39.7	42.4	34.5	35.3	37.7	40.3	32.0	32.7	34.9	37.3
		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	2.7	2.8	2.9	2.9	2.9	3.0	3.1	3.1	3.1	3.1	3.2	3.3	3.2	3.3	3.4	3.5	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.7
	1232	MBh	37.1	37.9	40.5	43.3	36.3	37.1	39.6	42.3	35.4	36.2	38.7	41.3	34.5	35.3	37.7	40.3	32.8	33.5	35.8	38.3	30.4	31.1	33.2	35.5
		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	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.2	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.7
85	1568	MBh	41.0	41.8	43.7	46.7	40.0	40.8	42.7	45.6	39.1	39.8	41.7	44.5	38.1	38.8	40.7	43.4	36.2	36.9	38.7	41.2	33.5	34.2	35.8	38.2
		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	2.8	2.8	2.9	3.0	3.0	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.3	3.3	3.4	3.5	3.4	3.5	3.6	3.7	3.5	3.6	3.7	3.8
	1400	MBh	39.8	40.5	42.5	45.3	38.9	39.6	41.5	44.2	37.9	38.7	40.5	43.2	37.0	37.7	39.5	42.1	35.2	35.8	37.5	40.0	32.6	33.2	34.8	37.1
		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	2.8	2.8	2.9	3.0	2.9	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.2	3.3	3.4	3.5	3.4	3.4	3.5	3.6	3.5	3.5	3.7	3.8
	1232	MBh	37.8	38.5	40.3	43.0	36.9	37.6	39.4	42.0	36.0	36.7	38.5	41.0	35.2	35.8	37.5	40.0	33.4	34.0	35.7	38.0	30.9	31.5	33.0	35.2
		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	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.1	3.1	3.2	3.3	3.2	3.3	3.4	3.5	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.7

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

EXPANDED PERFORMANCE DATA (HEATING)

IDB* Airflow			Outdoor Ambient Temperature																											
			65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10										
70	1400	MBh	47.6	45.1	42.5	39.7	37.9	36.7	34.1	31.5	3.8	3.5	3.3	3.1	3.0	2.7	2.4	2.1	1.7	1.4										
		T/R	31.5	29.8	28.1	26.2	25.1	24.3	22.6	20.8	2.5	2.3	2.2	2.0	2.0	1.8	1.6	1.4	1.2	0.9										
		KW	3.32	3.26	3.20	3.14	3.11	3.09	3.03	2.97	3.25	3.18	3.11	3.07	3.04	2.97	2.91	2.84	2.77	2.71										
		QOP	4.20	4.05	3.88	3.69	3.57	3.48	3.30	3.10	0.34	0.33	0.31	0.29	0.28	0.26	0.24	0.21	0.18	0.16										
		EER	14.4	13.8	13.3	12.6	12.2	11.9	11.3	10.6	1.2	1.1	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5										

EXPANDED PERFORMANCE DATA (COOLING)-HCC048 WITH EBX048

IDB* Airflow			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
			65				75				85				95				105				115			
			Entering Indoor Temperature - Degrees F. Wet Bulb																							
			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	1792	MBh	43.1	44.7	49.0	-	42.1	43.6	47.8	-	41.1	42.6	46.7	-	40.1	41.6	45.5	-	38.1	39.5	43.3	-	35.3	36.6	40.1	-
		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	3.0	3.0	3.1	-	3.2	3.2	3.3	-	3.3	3.4	3.5	-	3.5	3.5	3.7	-	3.6	3.7	3.8	-	3.7	3.8	3.9	-
	1600	MBh	41.9	43.4	47.5	-	40.9	42.4	46.4	-	39.9	41.4	45.3	-	38.9	40.4	44.2	-	37.0	38.3	42.0	-	34.3	35.5	38.9	-
		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	2.9	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	-
	1408	MBh	39.8	41.2	45.2	-	38.8	40.3	44.1	-	37.9	39.3	43.1	-	37.0	38.3	42.0	-	35.1	36.4	39.9	-	32.6	33.7	37.0	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		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	1792	MBh	43.8	45.1	48.9	52.4	42.8	44.1	47.7	51.2	41.8	43.0	46.6	50.0	40.8	42.0	45.5	48.8	38.7	39.9	43.2	46.3	35.9	37.0	40.0	42.9
		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	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
	1600	MBh	42.6	43.8	47.4	50.9	41.6	42.8	46.3	49.7	40.6	41.8	45.2	48.5	39.6	40.8	44.1	47.4	37.6	38.7	41.9	45.0	34.8	35.9	38.8	41.7
		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	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	3.5	3.7	3.8	3.6	3.7	3.8	3.9	3.7	3.8	3.9	4.0
	1408	MBh	40.4	41.6	45.1	48.4	39.5	40.7	44.0	47.2	38.6	39.7	43.0	46.1	37.6	38.7	41.9	45.0	35.7	36.8	39.8	42.7	33.1	34.1	36.9	39.6
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		KW	2.9	3.0	3.0	3.1	3.1	3.2	3.3	3.3	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	1792	MBh	44.6	45.6	48.7	52.1	43.6	44.5	47.6	50.9	42.6	43.5	46.5	49.7	41.5	42.4	45.3	48.4	39.4	40.3	43.1	46.0	36.5	37.3	39.9	42.6
		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	3.0	3.1	3.1	3.2	3.2	3.3	3.4	3.4	3.4	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.7	3.7	3.8	4.0	3.8	3.9	4.0	4.1
	1600	MBh	43.3	44.3	47.3	50.6	42.3	43.2	46.2	49.4	41.3	42.2	45.1	48.2	40.3	41.2	44.0	47.0	38.3	39.1	41.8	44.7	35.5	36.2	38.7	41.4
		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	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
	1408	MBh	41.2	42.1	44.9	48.0	40.2	41.1	43.9	46.9	39.2	40.1	42.8	45.8	38.3	39.1	41.8	44.7	36.4	37.2	39.7	42.4	33.7	34.4	36.8	39.3
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.01	0.95	0.77	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	1792	MBh	45.4	46.3	48.5	51.7	44.4	45.2	47.3	50.5	43.3	44.1	46.2	49.3	42.2	43.1	45.1	48.1	40.1	40.9	42.8	45.7	37.2	37.9	39.7	42.3
		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	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	3.8	3.7	3.8	3.9	4.0	3.8	3.9	4.0	4.1
	1600	MBh	44.1	44.9	47.1	50.2	43.1	43.9	46.0	49.0	42.0	42.8	44.9	47.9	41.0	41.8	43.8	46.7	39.0	39.7	41.6	44.4	36.1	36.8	38.5	41.1
		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	3.0	3.1	3.1	3.2	3.2	3.3	3.4	3.4	3.4	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.7	3.7	3.8	4.0	3.8	3.9	4.0	4.1
	1408	MBh	41.9	42.7	44.7	47.7	40.9	41.7	43.7	46.6	39.9	40.7	42.6	45.5	39.0	39.7	41.6	44.4	37.0	37.7	39.5	42.2	34.3	34.9	36.6	39.0
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		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	3.5	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
70	1600	MBh	59.0	55.8	52.6	49.1	46.9	45.4	42.2	38.9	3.8	3.5	3.3	3.1	3.0	2.7	2.4
		T/R	34.1	32.3	30.4	28.4	27.1	26.3	24.4	22.5	2.2	2.0	1.9	1.8	1.7	1.5	1.4
		KW	3.66	3.60	3.53	3.47	3.43	3.40	3.34	3.27	3.24	3.17	3.11	3.07	3.04	2.98	2.91
		QOP	4.71	4.54	4.36	4.14	4.00	3.91	3.70	3.48	0.35	0.33	0.31	0.29	0.28	0.26	0.24
		EBR	16.1	15.5	14.9	14.2	13.7	13.4	12.6	11.9	1.2	1.1	1.0	1.0	1.0	0.9	0.8

EXPANDED PERFORMANCE DATA (COOLING) - HCC060 WITH EBX060

IDB* Airflow		Outdoor Ambient Temperature - Degrees F. Dry Bulb																												
		65				75				85				95				105				115								
		Entering Indoor Temperature - Degrees F. Wet Bulb																												
		59	63	67	71	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	2016	MBh	55.1	57.1	62.5	-	53.8	55.8	61.1	-	52.5	54.4	59.6	-	51.2	53.1	58.2	-	48.7	50.4	55.3	-	45.1	46.7	51.2	-				
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-				
		KW	3.6	3.7	3.8	-	3.8	3.9	4.0	-	4.1	4.1	4.3	-	4.3	4.3	4.5	-	4.4	4.5	4.6	-	4.6	4.6	4.8	-				
	1800	MBh	53.5	55.4	60.7	-	52.2	54.1	59.3	-	51.0	52.8	57.9	-	49.7	51.6	56.5	-	47.3	49.0	53.7	-	43.8	45.4	49.7	-				
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-				
		KW	3.6	3.6	3.7	-	3.8	3.9	4.0	-	4.0	4.1	4.2	-	4.2	4.3	4.4	-	4.4	4.5	4.6	-	4.5	4.6	4.8	-				
	1584	MBh	50.8	52.6	57.7	-	49.6	51.4	56.3	-	48.4	50.2	55.0	-	47.3	49.0	53.7	-	44.9	46.5	51.0	-	41.6	43.1	47.2	-				
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.70	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-				
		KW	3.5	3.6	3.7	-	3.8	3.8	3.9	-	4.0	4.1	4.2	-	4.2	4.2	4.4	-	4.3	4.4	4.5	-	4.5	4.5	4.7	-				
75	2016	MBh	56.0	57.7	62.4	67.0	54.7	56.3	61.0	65.4	53.4	55.0	59.5	63.9	52.1	53.6	58.1	62.3	49.5	51.0	55.2	59.2	45.8	47.2	51.1	54.8				
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41				
		KW	3.6	3.7	3.8	3.9	3.9	3.9	4.1	4.2	4.1	4.2	4.3	4.4	4.3	4.4	4.5	4.6	4.4	4.5	4.7	4.8	4.6	4.7	4.8	5.0				
	1800	MBh	54.4	56.0	60.6	65.0	53.1	54.7	59.2	63.5	51.8	53.4	57.8	62.0	50.6	52.1	56.4	60.5	48.1	49.5	53.6	57.5	44.5	45.8	49.6	53.2				
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39				
		KW	3.6	3.7	3.8	3.9	3.8	3.9	4.0	4.2	4.1	4.1	4.3	4.4	4.3	4.3	4.5	4.6	4.4	4.5	4.6	4.8	4.6	4.6	4.8	4.9				
	1584	MBh	51.7	53.2	57.6	61.8	50.5	51.9	56.2	60.3	49.3	50.7	54.9	58.9	48.1	49.5	53.6	57.5	45.6	47.0	50.9	54.6	42.3	43.5	47.1	50.6				
		S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.86	0.76	0.58	0.37	0.86	0.77	0.58	0.38				
		KW	3.6	3.6	3.7	3.8	3.8	3.9	4.0	4.1	4.0	4.1	4.2	4.3	4.2	4.3	4.4	4.5	4.3	4.4	4.6	4.7	4.5	4.6	4.7	4.9				
80	2016	MBh	57.0	58.2	62.2	66.5	55.7	56.9	60.8	65.0	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	50.4	51.5	55.0	58.8	46.7	47.7	50.9	54.5				
		S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59				
		KW	3.7	3.7	3.8	3.9	3.9	4.0	4.1	4.2	4.1	4.2	4.3	4.5	4.3	4.4	4.5	4.7	4.5	4.6	4.7	4.9	4.6	4.7	4.9	5.0				
	1800	MBh	55.3	56.5	60.4	64.6	54.1	55.2	59.0	63.1	52.8	53.9	57.6	61.6	51.5	52.6	56.2	60.1	48.9	50.0	53.4	57.1	45.3	46.3	49.5	52.9				
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	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	0.93	0.75	0.56				
		KW	3.6	3.7	3.8	3.9	3.9	3.9	4.1	4.2	4.1	4.2	4.3	4.4	4.3	4.4	4.5	4.6	4.4	4.5	4.7	4.8	4.6	4.7	4.8	5.0				
	1584	MBh	52.6	53.7	57.4	61.4	51.4	52.5	56.1	59.9	50.1	51.2	54.7	58.5	48.9	50.0	53.4	57.1	46.5	47.5	50.7	54.2	43.0	44.0	47.0	50.2				
		S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54				
		KW	3.6	3.6	3.7	3.9	3.8	3.9	4.0	4.1	4.0	4.1	4.2	4.4	4.2	4.3	4.4	4.6	4.4	4.5	4.6	4.7	4.5	4.6	4.8	4.9				
85	2016	MBh	58.0	59.1	61.9	66.1	56.6	57.7	60.5	64.5	55.3	56.4	59.0	63.0	53.9	55.0	57.6	61.4	51.3	52.2	54.7	58.4	47.5	48.4	50.7	54.1				
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77				
		KW	3.7	3.7	3.8	4.0	3.8	4.0	4.1	4.2	4.2	4.2	4.4	4.5	4.3	4.4	4.6	4.7	4.5	4.6	4.7	4.9	4.7	4.8	4.9	5.1				
	1800	MBh	56.3	57.4	60.1	64.1	55.0	56.1	58.7	62.6	53.7	54.7	57.3	61.1	52.4	53.4	55.9	59.7	49.8	50.7	53.1	56.7	46.1	47.0	49.2	52.5				
		S/T	0.90	0.87	0.79	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	0.73	1.00	1.00	0.90	0.73				
		KW	3.7	3.7	3.8	3.9	3.9	4.0	4.1	4.2	4.1	4.2	4.3	4.5	4.3	4.4	4.5	4.7	4.5	4.6	4.7	4.9	4.6	4.7	4.9	5.0				
	1584	MBh	53.5	54.5	57.1	60.9	52.2	53.3	55.8	59.5	51.0	52.0	54.5	58.1	49.8	50.7	53.1	56.7	47.3	48.2	50.5	53.8	43.8	44.6	46.7	49.9				
		S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.95	0.86	0.69	0.99	0.96	0.86	0.70				
		KW	3.6	3.7	3.8	3.9	3.8	3.9	4.0	4.1	4.1	4.1	4.3	4.4	4.3	4.3	4.5	4.6	4.4	4.5	4.6	4.8	4.6	4.6	4.8	4.9				

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

EXPANDED PERFORMANCE DATA (HEATING)

IDB* Airflow			Outdoor Ambient Temperature																	
			65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
70	1800	MBh	77.9	73.8	69.5	64.9	62.0	60.1	55.8	51.5	47.8	44.2	40.7	38.4	37.0	33.2	29.4	25.7	21.9	17.9
		T/R	40.1	38.0	35.8	33.4	31.9	30.9	28.7	26.5	24.6	22.7	20.9	19.8	19.0	17.1	15.1	13.2	11.3	9.2
		KW	4.58	4.49	4.41	4.33	4.28	4.24	4.16	4.08	4.11	4.02	3.94	3.89	3.86	3.77	3.68	3.60	3.51	3.43
		QOP	4.98	4.80	4.61	4.39	4.24	4.14	3.92	3.69	3.41	3.21	3.02	2.89	2.81	2.58	2.34	2.08	1.82	1.53
		EER	17.0	16.4	15.8	15.0	14.5	14.2	13.4	12.6	11.6	11.0	10.3	9.9	9.6	8.8	8.0	7.1	6.2	5.2

HCC COIL MATCHES

Outdoor Model Number	Indoor Model Number	Cooling Capacity (Btuh)	SEER	Heating Hi Temp 47 F Capacity (Btuh)	Heating Hi Temp 47 F COP	Heating HSPF (Btuh/ Watt)	Heating Lo Temp 17 F Capacity (Btuh)	Heating Lo Temp 17 F COP
HCC036A(G)H,L,SC	EBP36****	34000	10	35000	3.1	7.2	22200	2.18
	EX*36F****+MV12F19****	35000	10.5	31200	3.34	7.5	21400	2.34
	EX*36F****+TD1	35000	10.3	33200	3.4	7.4	21800	2.26
	EMH42F****+TD1	34000	10.2	32000	3.2	7.2	21800	2.24
	EP*42F****+TD1+TXV	34200	10.2	32800	3.24	7.2	21800	2.24
	EP*36B****+TD1	32400	10	32400	3.2	7.2	21400	2.18
	EP*36J****+TD1	33000	10	34600	3.24	7.2	21800	2.2
	EP*36F****+TD1	33000	10	34600	3.24	7.2	21800	2.2
	EP*42J****+TD1	34200	10	33200	3.36	7.4	21800	2.26
	EX*36B****+TD1	34800	10.2	31600	3.22	7.2	22000	2.24
	EX*36J****+TD1	35000	10.3	32400	3.34	7.4	22000	2.28
	EP*42F****+TD1	34200	10	33600	3.38	7.4	21800	2.24
	EP*36B****+TD1+TXV	32400	10	34200	3.14	7.2	21600	2.18
	EP*36F****+TD1+TXV	33000	10	34600	3.16	7.2	22000	2.2
	EP*36J****+TD1+TXV	33000	10	34600	3.16	7.2	22000	2.2
	EP*42J****+TD1+TXV	34200	10.2	32000	3.2	7.2	22000	2.24
	EP*42J****+MV16J22****+TXV	34200	10.5	31600	3.24	7.4	21800	2.28
	EP*42F****+MV12F19****+TXV	34200	10.5	32400	3.34	7.4	21400	2.32
	EAH5536**+TD1+TXV	34400	10.2	30000	3.2	7.4	22200	2.28
	EX*36J****+MV16J22****	35000	11	29800	3.32	7.5	21400	2.38
	EBP42****	34800	10	34600	3.24	7.2	22000	2.22
	EAH5536**+TD1	34400	10	32400	3.4	7.4	22000	2.28
	EBP42****+TXV	35000	10.2	34600	3.24	7.4	22000	2.22
HCC042A(G)H,L,SC	EBP42****	40000	10	36800	2.92	7	25200	2.08
	EP*48J****+TD1	39500	10	37600	3.06	7.3	25400	2.18
	EP*48F****+TD1	39000	10	37600	3.02	7.3	25400	2.16
	EP*42J****+TD1	39000	10	37400	2.98	7.2	25400	2.14
	EX*48N****+TD1	39500	10.2	37000	3.12	7.4	25600	2.2
	EX*42J****+TD1	39500	10.2	37800	3.1	7.4	25600	2.2
	EX*48L****+TD1	39500	10.2	37000	3.12	7.4	25600	2.2
	EP*42F****+TD1	39000	10	37400	2.98	7.2	25400	2.14
	EP*48L****+TD1	39500	10	37600	3.06	7.3	25400	2.18
	EP*48N****+TD1	39500	10	37600	3.06	7.3	25400	2.18
	EX*42J****+MV16J22****	40000	10.5	37400	3.22	7.6	26600	2.32
	EP*48N****+MV16J22****+TXV	39500	10.5	37000	3.2	7.4	26600	2.32
	EP*48J****+MV16J22****+TXV	39500	10.5	37000	3.2	7.4	26600	2.32
	EP*48F****+MV16J22****+TXV	39000	10.5	37000	3.12	7.4	26600	2.28
	EBP48****	40500	10	36800	3	7.2	25200	2.12
	EAH5548**+TD1	40000	10	38000	3.18	7.4	25600	2.22

Many matches require a pin change. Always check 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.

HCC COIL MATCHES

Outdoor Model Number	Indoor Model Number	Cooling Capacity (Btuh)	SEER	Heating Hi Temp 47 F Capacity (Btuh)	Heating Hi Temp 47 F COP	Heating HSPF (Btuh/ Watt)	Heating Lo Temp 17 F Capacity (Btuh)	Heating Lo Temp 17 F COP
HCC048A(G)H,L,SC	EBP48****	44500	10	46500	3.22	7.4	30200	2.3
	EP*60N****+TD1	44000	10	46000	3.36	7.6	30000	2.36
	EX*48L****+TD1	44000	10.2	46500	3.34	7.4	29800	2.36
	EP*60J****+TD1	44000	10	46000	3.36	7.6	30000	2.36
	EP*60N****+TD1+TXV	44500	10.2	46000	3.36	7.6	30000	2.36
	EP*60J****+TD1+TXV	44500	10.2	46000	3.36	7.6	30000	2.36
	EAH5548**+TD1	43500	10	46000	3.42	7.4	30200	2.38
	EX*48N****+TD1	44000	10.2	46000	3.32	7.4	29800	2.36
	EAH5548**+TD1+TXV	44000	10	46500	3.42	7.4	30200	2.38
	EP*48J****+TD1+TXV	43500	10.2	45500	3.22	7.4	29600	2.32
	EX*48N****+MV20N26****	44500	10.5	46000	3.46	7.8	29800	3.36
	EBP60****	45000	10	47000	3.26	7.4	30600	2.32
	EP*48J****+TD1	43500	10	46000	3.28	7.4	30000	2.34
	EMH48F****+TD1	43000	10	46000	3.26	7.4	30000	2.34
HCC060A(G)H,L,SC	EBP60****	56500	10	60000	3.14	7.6	39000	2.36
	EAH5560**+TD1+TXV	56500	10.2	59000	3.28	7.4	38500	2.42
	EP*60J****+TD1	53500	10	59000	3.2	7.4	38500	2.4
	EP*60L****+TD1	53500	10	59000	3.2	7.4	38500	2.4
	EP*60N****+TD1	53500	10	59000	3.2	7.4	38500	2.4
	EX*60N****+TD1	57000	10.3	59000	3.28	7.6	38500	2.44
	EE*60J****+TD1	51000	10	59000	3	7.4	37600	2.32
	EX*60N****+MV20N26****	58000	10.5	59000	3.34	7.8	38500	2.48
	EX*60L****+TD1	57000	10.3	59000	3.28	7.4	38500	2.44
	EAH5560**+TD1	57000	10.2	59000	3.32	7.4	38500	2.44

Many matches require a pin change. Always check 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	C	036	H	C					
PRODUCT FAMILY							SALES CODE				
H = Heat Pump							ELECTRICAL				
PRODUCT TYPE							CODE	VOLTS	PHASE	CYCLE	
C= Condener							H	208/230	3	60	
							L	460	3	60	
							S	575	3	60	
SERIES							CAPACITY MBTUH				
C = 10-11 SEER Series							036 = 36,000, 042 = 42,000, 048 = 48,000, 060 = 60,000				

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

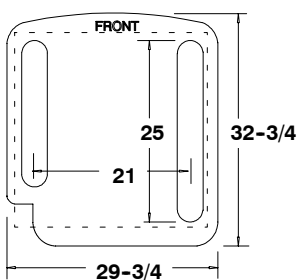
Bold Type = approximately 50% Relative Humidity

DIMENSIONS AND ACCESSORIES

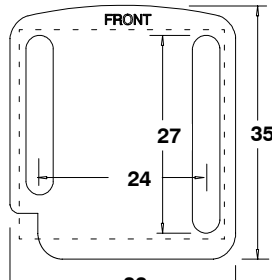
Dimensions		
Model	Chassis	Height (H)
036	2	32-5/8
042	2	36-5/8
048	3	40-5/8
060	3	32-5/8

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

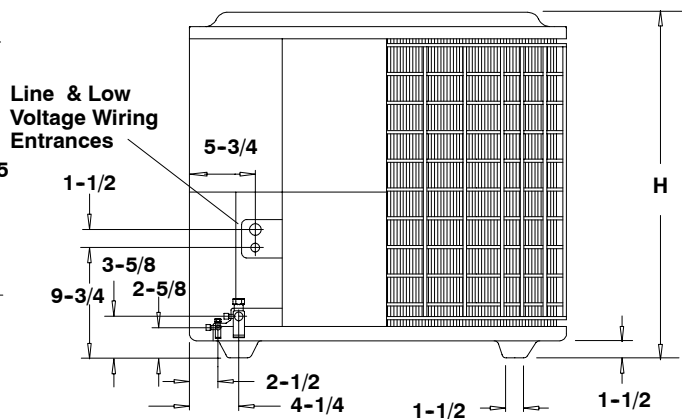
Chassis #2 24" W X 26" D
Chassis #3 27" W X 28" D



Chassis #2



Chassis #3



ALL DIMENSIONS IN INCHES

Accessory	Description	Used On
AMB001CMA	Enhanced Coil Guard (Pkg 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