



Air Conditioning & Heating

## PRODUCT SPECIFICATIONS



**50 Hz,  
2- TO 6-TON**

**NOMINAL CAPACITY:  
24,600 TO 64,000 BTU/H  
[10.6 kW TO 20.5 kW]**



# CKF

## SPLIT SYSTEM AIR CONDITIONER

This 50-Hz split system air conditioner allows for ground-level or rooftop applications and has been tested for optimum performance by an independent third party.

### Standard Features

- Quiet-operating top discharge
- Brass suction and liquid line shut-off valves
- High-pressure manual reset control
- Copper tube/aluminum fin coils
- Factory-installed liquid line filter dryer
- Contactor with lug connections
- Ground lug connection
- Sweat connections on all units
- Totally enclosed, permanently lubricated condenser motor designed for PSC operation with internal thermal overload protection
- Isolated compressor compartment
- Energy-efficient compressor with internal overload protection
- Designed for use with A Series air handlers
- CE Certified

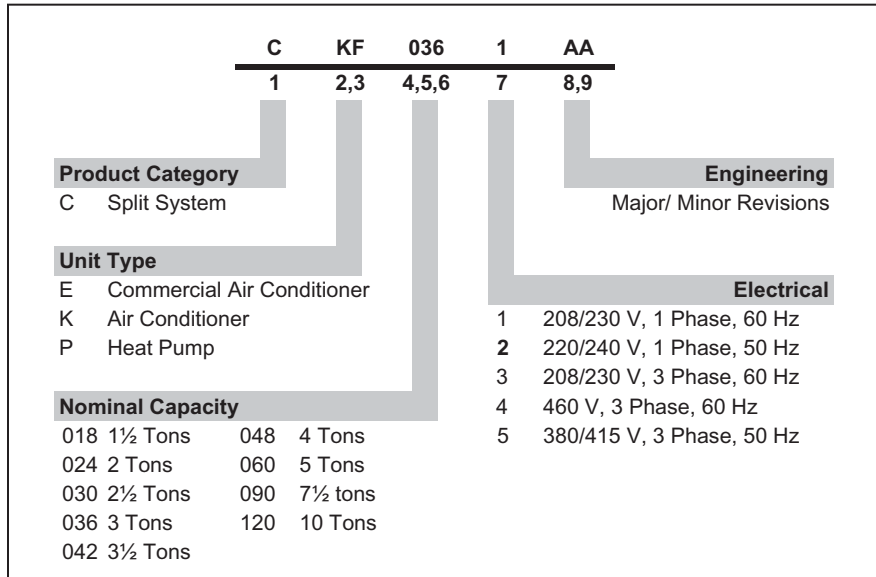
### Cabinet Features

- Unique Goodman® sound control design
- Heavy-gauge, galvanized-steel cabinet properly reinforced and braced
- Steel louver coil guard
- Attractive architectural gray powder-paint finish with 500-hour salt spray approval
- Removable access panels

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# NOMENCLATURE



# PERFORMANCE RATINGS

Outdoor Unit	Indoor Unit	Cooling Capacity (BTU/h)				dBs
		Total	Sensible	EER <sup>1</sup>	kWI <sup>2</sup>	
CKF24-2*	A24-00-2RA	24,000	16,800	9.0	2.66	76
	CA*F1824*6*	24,600	17,400	9.0	2.73	76
CKF36-2*	A36-00-2RA	33,000	23,400	9.0	3.67	76
	CA*F3030*6*	34,000	24,200	9.0	3.78	76
CKF36-5*	A36-00-2RA	33,000	23,400	9.0	3.67	76
	CA*F3030*6*	34,000	24,200	9.0	3.78	76
CKF48-5*	A48-00-2A	44,000	32,400	9.0	4.89	78
	CA*F3636*6*	44,000	32,400	9.0	4.89	78
CKF60-5*	A60-00-2R	55,000	37,800	9.0	6.11	78
	CA*F3642*6*	55,000	37,800	9.0	6.11	78
CKF70-5*	A60-00-2R	61,000	41,500	9.0	6.78	80
	CA*F4860*6*	62,000	42,000	9.0	6.89	80
	A90-00-2R	64,000	43,500	9.0	7.11	80

<sup>1</sup> Energy Efficiency Ratio @ 80°F / 67°F / 95°F

<sup>2</sup> kWI = Compressor + Indoor Blower + Outdoor Fan Watts

**Note:**

- When mix-matching outdoor and indoor units, the indoor unit check-flowrator must match the outdoor unit size.

SPECIFICATIONS

	CKF24-2*	CKF36-2*	CKF36-5*	CKF48-5*	CKF60-5*	CKF70-5*
<b>Capacities</b>						
Nominal Cooling (BTU/h)	24,600	34,000	34,000	44,000	55,000	64,000
EER <sup>1</sup>	9.0	9.0	9.0	9.0	9.0	9.0
Decibels	76	76	78	78	80	80
<b>Compressor</b>						
RLA	12.5	17.9	5.3	7.4	9	10.9
LRA	61	97.4	42	50	74	101
Volts	220-240	220-240	380-420	380-420	380-420	380-420
<b>Condenser Fan Motor</b>						
Horsepower	1/4	1/4	1/4	1/4	1/4	1/3
FLA	0.9	0.9	0.8	0.8	0.8	1.2
Volts	220-240	220-240	380	380	380	380
<b>Refrigeration System</b>						
Liquid Valve Size ("O.D.)	3/8	3/8	3/8	3/8	3/8	3/8
Suction Valve Size ("O.D.)	3/4	3/4	7/8	7/8	7/8	7/8
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	88	89	89	113	121	153
Shipped with Orifice Size	0.059	0.068	0.068	0.078	0.093	0.096
<b>Condenser Fan / Coil</b>						
Horsepower - RPM	1/4-950	1/4-950	1/4-950	1/4-950	1/4-950	1/3-1075
Fan Diameter/ # Fan Blades	20/3	20/3	20/3	22/3	22/3	22/3
Outdoor Nominal CFM	1800	1800	1800	2400	2600	3200
Face Area (ft <sup>2</sup> )	13.3	13.3	13.3	15.6	17.1	20
Rows Deep/ Fins per Inch	1/19	1/19	1/19	1/19	1/19	1/22
Fin Type	Ripple	Ripple	Ripple	Ripple	Ripple	Ripple
Coil No. of Tubes	22	22	22	22	24	36
Coil Tube Diameter (in.)	0.375	0.375	0.375	0.375	0.375	0.375
<b>Electrical Data</b>						
Voltage-Hz / Phase	220/240-50/1	220/240-50/1	380/415-50/3	380/415-50/3	380/415-50/3	380/415-50/3
Min. Circuit Ampacity <sup>2</sup>	16.6	23.3	7.5	10	12	14.8
Max. Overcurrent Protection (amps) <sup>3</sup>	25	40	15	15	20	20
Min / Max Volts	198/264	198/264	342/456	342/456	342/456	342/456
Power Supply Conduit Size	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4
<b>Ship Weight (lbs-[kg])</b>	180 (82)	184 (84)	184 (84)	191 (87)	210 (95)	228 (104)

<sup>1</sup> Energy Efficiency Ratio

<sup>2</sup> Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>3</sup> Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

**Note:** Always check the S&R plate for electrical data on the unit being installed.

EXPANDED COOLING DATA — CKF24-2\* / A24-00-2RA

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	821	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		KW	2.06	2.11	2.18	-	2.23	2.28	2.35	-	2.37	2.43	2.51	-	2.50	2.56	2.65	-	2.61	2.67	2.76	-	2.71	2.77	2.86	-
		Amps	9.9	10.1	10.4	-	10.6	10.8	11.1	-	11.4	11.7	12.0	-	12.1	12.4	12.8	-	12.9	13.1	13.5	-	13.6	13.9	14.3	-
	730	Hi-PR	156	168	177	-	175	188	199	-	199	214	226	-	226	244	257	-	255	274	290	-	281	303	320	-
		Lo-PR	56	60	65	-	59	63	69	-	62	66	72	-	65	69	75	-	68	72	79	-	70	75	82	-
		MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
639	821	KW	2.04	2.09	2.16	-	2.21	2.26	2.33	-	2.35	2.41	2.49	-	2.48	2.54	2.62	-	2.59	2.65	2.74	-	2.68	2.74	2.84	-
		Amps	9.8	10.0	10.3	-	10.5	10.7	11.1	-	11.3	11.6	11.9	-	12.0	12.3	12.7	-	12.7	13.0	13.4	-	13.4	13.7	14.2	-
		Hi-PR	154	166	175	-	173	186	197	-	197	212	224	-	224	241	255	-	252	271	287	-	279	300	317	-
		Lo-PR	56	59	65	-	59	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	74	81	-
		MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-
	730	S/T	0.65	0.54	0.37	-	0.67	0.56	0.39	-	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.74	0.62	0.43	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	1.99	2.04	2.10	-	2.15	2.20	2.27	-	2.29	2.34	2.42	-	2.42	2.47	2.56	-	2.52	2.58	2.67	-	2.61	2.67	2.76	-
		Amps	9.6	9.8	10.0	-	10.2	10.5	10.8	-	11.0	11.3	11.6	-	11.7	12.0	12.4	-	12.4	12.7	13.1	-	13.1	13.4	13.8	-
		Hi-PR	150	161	170	-	168	181	191	-	191	206	217	-	217	234	247	-	245	263	278	-	270	291	307	-
Lo-PR	54	57	63	-	57	61	66	-	59	63	69	-	62	66	72	-	65	69	76	-	67	72	78	-		

75	821	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	<b>23.5</b>	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	<b>0.76</b>	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
		ΔT	21	20	16	11	22	20	16	11	22	<b>20</b>	16	11	22	20	16	11	22	20	16	11	20	19	15	10
		KW	2.08	2.12	2.19	2.27	2.25	2.30	2.37	2.45	2.39	<b>2.45</b>	2.53	2.62	2.52	2.58	2.67	2.76	2.63	2.70	2.79	2.89	2.73	2.79	2.89	2.99
		Amps	10.0	10.2	10.5	10.8	10.7	10.9	11.2	11.6	11.5	<b>11.8</b>	12.1	12.5	12.2	12.5	12.9	13.3	13.0	13.3	13.7	14.2	13.7	14.0	14.4	14.9
	730	Hi-PR	157	169	179	187	177	190	201	209	201	<b>216</b>	228	238	229	246	260	271	257	277	292	305	284	306	323	337
		Lo-PR	57	60	66	70	60	64	70	74	62	<b>66</b>	72	77	65	70	76	81	69	73	80	85	71	75	82	88
		MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	<b>22.8</b>	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	<b>0.72</b>	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		ΔT	22	21	17	12	23	21	17	12	23	<b>21</b>	17	12	23	21	17	12	22	21	17	12	21	19	16	11
639	KW	2.06	2.11	2.18	2.25	2.23	2.28	2.35	2.43	2.37	<b>2.43</b>	2.51	2.60	2.50	2.56	2.65	2.74	2.61	2.67	2.76	2.86	2.71	2.77	2.86	2.97	
	Amps	9.9	10.1	10.4	10.7	10.6	10.8	11.1	11.5	11.4	<b>11.7</b>	12.0	12.4	12.1	12.4	12.8	13.2	12.9	13.1	13.6	14.0	13.6	13.9	14.3	14.8	
	Hi-PR	156	168	177	185	175	188	199	207	199	<b>214</b>	226	236	227	244	257	268	255	274	290	302	282	303	320	334	
	Lo-PR	56	60	65	69	59	63	69	73	62	<b>66</b>	72	76	65	69	75	80	68	72	79	84	70	75	82	87	
	MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	<b>21.0</b>	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0	

IDB: Entering Indoor Dry Bulb Temperature  
High & low pressures are measured at liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions  
Amps = outdoor unit amps (comp.+fan)  
kW = Total system power

EXPANDED COOLING DATA — CKF24-2\* / A24-00-2RA (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	821	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.94	0.77	0.57
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
		KW	2.10	2.14	2.21	2.29	2.26	2.32	2.39	2.48	2.41	2.47	2.55	2.64	2.55	2.60	2.69	2.79	2.66	2.72	2.81	2.91	2.75	2.82	2.92	3.02
		Amps	10.0	10.3	10.6	10.9	10.8	11.0	11.3	11.7	11.6	11.9	12.2	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.3	13.8	14.1	14.6	15.1
		Hi/PR	159	171	181	188	178	192	203	211	203	218	231	240	231	249	263	274	260	280	295	308	287	309	326	340
	Lo/PR	57	61	67	71	61	64	70	75	63	67	73	78	66	70	77	82	69	74	80	86	72	76	83	89	
	730	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6
		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
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16
		KW	2.08	2.12	2.19	2.27	2.25	2.30	2.37	2.45	2.39	2.45	2.53	2.62	2.52	2.58	2.67	2.76	2.63	2.70	2.79	2.89	2.73	2.79	2.89	2.99
		Amps	10.0	10.2	10.5	10.8	10.7	10.9	11.2	11.6	11.5	11.8	12.1	12.5	12.2	12.5	12.9	13.4	13.0	13.3	13.7	14.2	13.7	14.0	14.4	14.9
Hi/PR		157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	257	277	293	305	284	306	323	337	
Lo/PR	57	60	66	70	60	64	70	74	62	66	72	77	65	70	76	81	69	73	80	85	71	75	82	88		
639	MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8	
	S/T	0.81	0.76	0.62	0.46	0.84	0.78	0.64	0.48	0.86	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.93	0.87	0.71	0.53	
	ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	24	23	20	16	
	KW	2.03	2.07	2.14	2.21	2.19	2.24	2.31	2.39	2.33	2.38	2.47	2.55	2.46	2.51	2.60	2.69	2.57	2.63	2.72	2.81	2.66	2.72	2.81	2.91	
	Amps	9.7	9.9	10.2	10.6	10.4	10.6	11.0	11.3	11.2	11.5	11.8	12.2	11.9	12.2	12.6	13.0	12.6	12.9	13.3	13.8	13.3	13.6	14.1	14.6	
	Hi/PR	153	164	174	181	171	184	195	203	195	210	221	231	222	239	252	263	250	269	284	296	276	297	313	327	
Lo/PR	55	59	64	68	58	62	68	72	60	64	70	75	63	68	74	79	67	71	77	82	69	73	80	85		

85	821	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
		ΔT	25	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	23	22	19
		KW	2.11	2.16	2.23	2.31	2.28	2.34	2.41	2.50	2.43	2.49	2.57	2.66	2.57	2.63	2.72	2.81	2.68	2.74	2.84	2.94	2.78	2.84	2.94	3.05
		Amps	10.1	10.3	10.6	11.0	10.9	11.1	11.4	11.8	11.7	12.0	12.3	12.8	12.4	12.7	13.1	13.6	13.2	13.5	13.9	14.4	13.9	14.2	14.7	15.2
		Hi/PR	161	173	182	190	180	194	205	214	205	221	233	243	233	251	265	277	263	283	298	311	290	312	330	344
	Lo/PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	74	81	87	72	77	84	90	
	730	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
		S/T	0.88	0.85	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
		ΔT	27	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	27	26	25	21	25	25	23	20
		KW	2.10	2.14	2.21	2.29	2.26	2.32	2.39	2.48	2.41	2.47	2.55	2.64	2.55	2.60	2.69	2.79	2.66	2.72	2.81	2.91	2.75	2.82	2.92	3.02
		Amps	10.0	10.3	10.6	10.9	10.8	11.0	11.3	11.7	11.6	11.9	12.2	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.3	13.8	14.1	14.6	15.1
Hi/PR		159	171	181	188	178	192	203	211	203	218	231	240	231	249	263	274	260	280	295	308	287	309	326	340	
Lo/PR	57	61	67	71	61	64	70	75	63	67	73	78	66	70	77	82	69	74	80	86	72	76	83	89		
639	MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	
	S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.76	0.62	0.90	0.87	0.78	0.63	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.97	0.94	0.84	0.69	
	ΔT	27	27	25	22	27	27	25	22	27	27	25	22	28	27	26	22	27	27	25	22	25	25	24	20	
	KW	2.04	2.09	2.16	2.23	2.21	2.26	2.33	2.41	2.35	2.41	2.49	2.57	2.48	2.54	2.62	2.71	2.59	2.65	2.74	2.83	2.68	2.74	2.84	2.94	
	Amps	9.8	10.0	10.3	10.6	10.5	10.7	11.0	11.4	11.3	11.6	11.9	12.3	12.0	12.3	12.7	13.1	12.7	13.0	13.4	13.9	13.4	13.7	14.2	14.7	
	Hi/PR	154	166	175	183	173	186	197	205	197	212	224	233	224	241	255	266	252	271	287	299	279	300	317	330	
Lo/PR	56	59	65	69	59	62	68	73	61	65	71	75	64	68	74	79	67	71	78	83	69	74	81	86		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ARI Rating conditions  
 Amps = outdoor unit amps (comp. + fan)  
 kW = Total system power

EXPANDED COOLING DATA — CKF36-2\* / A36-00-2

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1238	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	0.73	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	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	2.82	2.88	2.98	-	3.05	3.12	3.22	-	3.25	3.32	3.44	-	3.43	3.51	3.63	-	3.58	3.66	3.79	-	3.71	3.80	3.93	-
		Amps	15.4	15.7	16.2	-	16.6	16.9	17.5	-	17.9	18.3	18.9	-	19.1	19.5	20.1	-	20.2	20.7	21.4	-	21.4	21.9	22.6	-
		Hi/PR	162	174	184	-	182	195	206	-	206	222	235	-	235	253	267	-	265	285	301	-	292	315	332	-
	Lo/PR	55	58	64	-	58	61	67	-	60	64	70	-	63	67	73	-	66	70	77	-	68	73	79	-	
	MBh	31.4	32.5	35.7	-	30.7	31.8	34.8	-	29.9	31.0	34.0	-	29.2	30.3	33.2	-	27.7	28.8	31.5	-	25.7	26.6	29.2	-	
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	kW	2.80	2.86	2.95	-	3.02	3.09	3.19	-	3.22	3.30	3.41	-	3.40	3.48	3.60	-	3.55	3.63	3.76	-	3.68	3.76	3.89	-	
	Amps	15.3	15.6	16.1	-	16.4	16.8	17.3	-	17.7	18.2	18.7	-	18.9	19.3	19.9	-	20.0	20.5	21.2	-	21.2	21.7	22.4	-	
Hi/PR	160	172	182	-	180	193	204	-	204	220	232	-	233	251	265	-	262	282	298	-	289	311	329	-		
Lo/PR	54	58	63	-	57	61	66	-	59	63	69	-	62	66	73	-	65	70	76	-	68	72	79	-		
MBh	29.0	30.0	32.9	-	28.3	29.3	32.1	-	27.6	28.6	31.4	-	27.0	27.9	30.6	-	25.6	26.5	29.1	-	23.7	24.6	26.9	-		
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	-		
ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-		
kW	2.73	2.79	2.88	-	2.95	3.01	3.11	-	3.14	3.21	3.32	-	3.31	3.39	3.50	-	3.46	3.54	3.66	-	3.58	3.66	3.79	-		
Amps	14.9	15.2	15.7	-	16.0	16.4	16.9	-	17.3	17.7	18.2	-	18.4	18.8	19.4	-	19.5	20.0	20.6	-	20.6	21.1	21.8	-		
Hi/PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	273	289	-	281	302	319	-		
Lo/PR	53	56	61	-	55	59	64	-	58	61	67	-	61	64	70	-	63	68	74	-	66	70	76	-		

75	1238	MBh	32.9	33.9	36.6	39.3	32.1	33.1	35.8	38.4	31.4	32.3	34.9	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	0.83	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
		ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
		kW	2.84	2.91	3.00	3.11	3.07	3.14	3.25	3.36	3.28	3.35	3.47	3.59	3.46	3.54	3.66	3.79	3.61	3.70	3.82	3.96	3.74	3.83	3.96	4.10
		Amps	15.5	15.9	16.4	16.9	16.7	17.1	17.6	18.2	18.1	18.5	19.1	19.7	19.2	19.7	20.3	21.0	20.4	20.9	21.5	22.3	21.6	22.1	22.8	23.6
		Hi/PR	163	176	186	194	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	336	350
	Lo/PR	55	59	64	68	58	62	68	72	61	65	70	75	64	68	74	79	67	71	78	83	69	73	80	85	
	MBh	31.9	32.9	35.6	38.2	31.2	32.1	34.8	37.3	30.4	31.3	33.9	36.4	29.7	30.6	33.1	35.5	28.2	29.1	31.4	33.7	26.1	26.9	29.1	31.3	
	S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39	
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10	
	kW	2.82	2.88	2.98	3.08	3.05	3.12	3.22	3.33	3.25	3.32	3.44	3.56	3.43	3.51	3.63	3.75	3.58	3.66	3.79	3.92	3.71	3.80	3.93	4.07	
	Amps	15.4	15.7	16.2	16.8	16.6	16.9	17.5	18.1	17.9	18.3	18.9	19.6	19.1	19.5	20.1	20.8	20.2	20.7	21.4	22.1	21.4	21.9	22.6	23.4	
Hi/PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	347		
Lo/PR	55	58	64	68	58	61	67	71	60	64	70	74	63	67	73	78	66	70	77	82	68	73	79	85		
MBh	29.5	30.3	32.8	35.2	28.8	29.6	32.1	34.4	28.1	28.9	31.3	33.6	27.4	28.2	30.6	32.8	26.0	26.8	29.0	31.1	24.1	24.8	26.9	28.9		
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		
ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10		
kW	2.75	2.81	2.90	3.00	2.97	3.04	3.14	3.25	3.17	3.24	3.35	3.46	3.34	3.42	3.53	3.66	3.49	3.57	3.69	3.82	3.61	3.70	3.82	3.96		
Amps	15.0	15.3	15.8	16.4	16.1	16.5	17.0	17.6	17.4	17.8	18.4	19.0	18.6	19.0	19.6	20.3	19.7	20.1	20.8	21.5	20.8	21.3	22.0	22.8		
Hi/PR	157	169	178	186	176	190	200	209	200	216	228	237	228	246	259	270	257	276	292	304	284	305	322	336		
Lo/PR	53	56	62	66	56	60	65	69	58	62	68	72	61	65	71	76	64	68	74	79	66	71	77	82		

IDB: Entering Indoor Dry Bulb Temperature  
 High & low pressures are measured at liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) conditions  
 Amps = outdoor unit amps (comp. + fan)  
 kW = Total system power



EXPANDED COOLING DATA — CKF36-2\* / A36-00-2 (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1238	MBh	33.5	34.2	36.5	39.1	32.7	33.4	35.7	38.2	31.9	32.6	34.8	37.2	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	0.91	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	1.00	0.80	0.59
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14
		kW	2.87	2.93	3.03	3.13	3.10	3.17	3.28	3.39	3.31	3.38	3.50	3.62	3.49	3.57	3.69	3.82	3.64	3.73	3.86	3.99	3.78	3.86	4.00	4.14
		Amps	15.7	16.0	16.5	17.1	16.8	17.2	17.8	18.4	18.2	18.6	19.2	19.9	19.4	19.8	20.5	21.2	20.4	20.9	21.5	22.3	21.7	22.3	23.0	23.8
	1100	Hi-PR	165	178	188	196	185	199	211	220	211	227	239	250	240	258	273	284	270	291	307	320	298	321	339	354
		Lo-PR	56	59	65	69	59	63	68	73	61	65	71	76	64	68	75	80	67	72	78	83	70	74	81	86
		MBh	32.5	33.2	35.5	37.9	31.7	32.4	34.7	37.0	31.0	31.7	33.8	36.2	30.2	30.9	33.0	35.3	28.7	29.3	31.4	33.5	26.6	27.2	29.0	31.0
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
963	kW	2.84	2.91	3.00	3.11	3.07	3.14	3.25	3.36	3.28	3.35	3.47	3.59	3.46	3.54	3.66	3.79	3.61	3.70	3.82	3.96	3.74	3.83	3.96	4.10	
	Amps	15.5	15.9	16.4	16.9	16.7	17.1	17.6	18.2	18.1	18.5	19.1	19.7	19.2	19.7	20.3	21.0	20.4	20.9	21.5	22.3	21.6	22.1	22.8	23.6	
	Hi-PR	163	176	186	194	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	336	350	
	Lo-PR	55	59	64	68	58	62	68	72	61	65	70	75	64	68	74	79	67	71	78	83	69	73	80	85	
	MBh	30.0	30.6	32.7	35.0	29.3	29.9	32.0	34.2	28.6	29.2	31.2	33.4	27.9	28.5	30.5	32.6	26.5	27.1	28.9	30.9	24.6	25.1	26.8	28.7	

85	1238	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	0.95	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
		ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	22	23	23	19	21	21	21	18
		kW	2.89	2.96	3.06	3.16	3.13	3.20	3.31	3.42	3.34	3.41	3.53	3.65	3.52	3.60	3.72	3.85	3.67	3.76	3.89	4.03	3.81	3.90	4.03	4.18
		Amps	15.8	16.1	16.6	17.2	17.0	17.4	17.9	18.5	18.4	18.8	19.4	20.1	19.6	20.0	20.7	21.4	20.8	21.2	21.9	22.7	21.9	22.5	23.2	24.0
	1100	Hi-PR	167	179	189	198	187	201	213	222	213	229	242	252	242	261	275	287	273	293	310	323	301	324	342	357
		Lo-PR	56	60	65	70	60	63	69	74	62	66	72	77	65	69	75	80	68	72	79	84	70	75	82	87
		MBh	33.1	33.7	35.3	37.7	32.3	32.9	34.5	36.8	31.5	32.1	33.7	35.9	30.8	31.4	32.8	35.0	29.2	29.8	31.2	33.3	27.1	27.6	28.9	30.8
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	24	25	23	20	23	23	22	19
963	kW	2.87	2.93	3.03	3.13	3.10	3.17	3.28	3.39	3.31	3.38	3.50	3.62	3.49	3.57	3.69	3.82	3.64	3.73	3.86	3.99	3.78	3.86	4.00	4.14	
	Amps	15.7	16.0	16.5	17.1	16.8	17.2	17.8	18.4	18.2	18.6	19.2	19.9	19.4	19.8	20.5	21.2	20.6	21.1	21.7	22.5	21.7	22.3	23.0	23.8	
	Hi-PR	165	178	188	196	185	199	211	220	211	227	239	250	240	258	273	284	270	291	307	320	298	321	339	354	
	Lo-PR	56	59	65	69	59	63	68	73	61	65	71	76	64	68	75	80	67	72	78	83	70	74	81	86	
	MBh	30.5	31.1	32.6	34.8	29.8	30.4	31.8	33.9	29.1	29.7	31.1	33.1	28.4	28.9	30.3	32.3	27.0	27.5	28.8	30.7	25.0	25.5	26.7	28.5	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ARI Rating conditions  
 Amps = outdoor unit amps (comp. +fan)  
 kW = Total system power

EXPANDED COOLING DATA — CKF36-5\* / AR36-00-2

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1238	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	-	0.75	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	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		kW	2.76	2.82	2.92	-	2.99	3.06	3.16	-	3.19	3.26	3.38	-	3.37	3.45	3.57	-	3.52	3.60	3.73	-	3.65	3.74	3.87	-
		Amps	5.9	6.0	6.2	-	6.3	6.4	6.6	-	6.7	6.9	7.1	-	7.1	7.3	7.5	-	7.5	7.7	7.9	-	7.9	8.1	8.3	-
		Hi PR	162	175	185	-	182	196	207	-	207	223	236	-	236	254	268	-	266	286	302	-	293	316	333	-
	1100	Lo PR	56	59	65	-	59	63	68	-	61	65	71	-	64	68	75	-	67	72	78	-	70	74	81	-
		MBh	31.4	32.5	35.7	-	30.7	31.8	34.8	-	29.9	31.0	34.0	-	29.2	30.3	33.2	-	27.7	28.8	31.5	-	25.7	26.6	29.2	-
		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	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	2.74	2.80	2.89	-	2.96	3.03	3.13	-	3.16	3.24	3.35	-	3.34	3.42	3.54	-	3.49	3.57	3.70	-	3.62	3.70	3.83	-
		Amps	5.9	6.0	6.1	-	6.2	6.4	6.5	-	6.7	6.8	7.0	-	7.1	7.2	7.4	-	7.5	7.6	7.8	-	7.8	8.0	8.2	-
963	Hi PR	161	173	183	-	180	194	205	-	205	221	233	-	234	252	266	-	263	283	299	-	291	313	330	-	
	Lo PR	55	59	64	-	58	62	68	-	60	64	70	-	64	68	74	-	67	71	77	-	69	73	80	-	
	MBh	29.0	30.0	32.9	-	28.3	29.3	32.1	-	27.6	28.6	31.4	-	27.0	27.9	30.6	-	25.6	26.5	29.1	-	23.7	24.6	26.9	-	
	S/T	0.66	0.55	0.38	-	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-	
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	kW	2.67	2.73	2.82	-	2.89	2.95	3.05	-	3.08	3.15	3.26	-	3.25	3.33	3.44	-	3.40	3.48	3.60	-	3.52	3.60	3.73	-	
75	1238	Amps	5.7	5.8	6.0	-	6.1	6.2	6.4	-	6.5	6.7	6.9	-	6.9	7.1	7.3	-	7.3	7.4	7.7	-	7.7	7.8	8.0	-
		Hi PR	156	168	177	-	175	188	199	-	199	214	226	-	227	244	258	-	255	274	290	-	282	303	320	-
		Lo PR	53	57	62	-	56	60	66	-	59	62	68	-	62	66	72	-	65	69	75	-	67	71	78	-
		MBh	32.9	33.9	36.6	39.3	32.1	33.1	35.8	38.4	31.4	32.3	34.9	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	0.56	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	0.93	0.84	0.63	0.41	0.94	0.84	0.64	0.41
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
	1100	kW	2.78	2.85	2.94	3.05	3.01	3.08	3.19	3.30	3.22	3.29	3.41	3.53	3.40	3.48	3.60	3.73	3.55	3.64	3.76	3.90	3.68	3.77	3.90	4.04
		Amps	5.9	6.1	6.2	6.4	6.3	6.5	6.6	6.9	6.8	6.9	7.1	7.4	7.2	7.3	7.5	7.8	7.6	7.7	8.0	8.2	8.0	8.1	8.4	8.7
		Hi PR	164	177	186	194	184	198	209	218	209	225	238	248	238	257	271	283	268	289	305	318	296	319	337	351
		Lo PR	56	60	65	70	59	63	69	73	62	66	72	76	65	69	75	80	68	72	79	84	70	75	82	87
		MBh	31.9	32.9	35.6	38.2	31.2	32.1	34.8	37.3	30.4	31.3	33.9	36.4	29.7	30.6	33.1	35.5	28.2	29.1	31.4	33.7	26.1	26.9	29.1	31.3
		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
963	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10	
	kW	2.76	2.82	2.92	3.02	2.99	3.06	3.16	3.27	3.19	3.26	3.38	3.50	3.37	3.45	3.57	3.69	3.52	3.60	3.73	3.86	3.65	3.74	3.87	4.01	
	Amps	5.9	6.0	6.2	6.4	6.3	6.4	6.6	6.8	6.7	6.9	7.1	7.3	7.1	7.3	7.5	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.3	8.6	
	Hi PR	162	175	185	193	182	196	207	216	207	223	236	246	236	254	268	280	266	286	302	315	293	316	333	348	
	Lo PR	56	59	65	69	59	63	68	73	61	65	71	76	64	68	75	79	67	72	78	83	70	74	81	86	
	MBh	29.5	30.3	32.8	35.2	28.8	29.6	32.1	34.4	28.1	28.9	31.3	33.6	27.4	28.2	30.6	32.8	26.0	26.8	29.0	31.1	24.1	24.8	26.9	28.9	
963	S/T	0.75	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38	
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	
	kW	2.69	2.75	2.84	2.94	2.91	2.98	3.08	3.19	3.11	3.18	3.29	3.40	3.28	3.36	3.47	3.60	3.43	3.51	3.63	3.76	3.55	3.64	3.76	3.90	
	Amps	5.8	5.9	6.0	6.2	6.1	6.3	6.4	6.6	6.6	6.7	6.9	7.1	7.0	7.1	7.3	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.1	8.4	
	Hi PR	158	170	179	187	177	190	201	210	201	216	228	238	229	246	260	271	258	277	293	305	285	306	323	337	
	Lo PR	54	57	63	67	57	61	66	71	59	63	69	73	62	66	72	77	65	69	76	81	67	72	78	83	

IDB: Entering Indoor Dry Bulb Temperature  
 High & low pressures are measured at liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) conditions  
 Amps = outdoor unit amps (comp.+fan)  
 kW = Total system power



EXPANDED COOLING DATA — CKF36-5\* / AR36-00-2 (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1238	MBh	33.5	34.2	36.5	39.1	32.7	33.4	35.7	38.2	31.9	32.6	34.8	37.2	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	0.69	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	0.58	1.00	0.97	0.79	0.59
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14
		KW	2.81	2.87	2.97	3.07	3.04	3.11	3.22	3.33	3.25	3.32	3.44	3.56	3.43	3.51	3.63	3.76	3.58	3.67	3.80	3.93	3.72	3.80	3.94	4.08
		Amps	6.0	6.1	6.3	6.5	6.4	6.5	6.7	6.9	6.8	7.0	7.2	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.7
	Hi/PR	166	178	188	196	186	200	211	220	211	228	240	251	241	259	274	285	271	292	308	321	299	322	340	355	
	Lo/PR	57	60	66	70	60	64	70	74	62	66	72	77	65	70	76	81	69	73	80	85	71	76	82	88	
	MBh	32.5	33.2	35.5	37.9	31.7	32.4	34.7	37.0	31.0	31.7	33.8	36.2	30.2	30.9	33.0	35.3	28.7	29.3	31.4	33.5	26.6	27.2	29.0	31.0	
	S/T	0.86	0.81	0.66	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	
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	22	21	18	15	
KW	2.78	2.85	2.94	3.05	3.01	3.08	3.19	3.30	3.22	3.29	3.41	3.53	3.40	3.48	3.60	3.73	3.55	3.64	3.76	3.90	3.68	3.77	3.90	4.04		
Amps	5.9	6.1	6.2	6.4	6.3	6.5	6.6	6.9	6.8	6.9	7.1	7.4	7.2	7.3	7.6	7.8	7.6	7.7	8.0	8.2	8.0	8.1	8.4	8.7		
Hi/PR	164	177	186	194	184	198	209	218	209	225	238	248	238	257	271	283	268	289	305	318	296	319	337	351		
Lo/PR	56	60	65	70	59	63	69	73	62	66	72	76	65	69	75	80	68	72	79	84	70	75	82	87		
MBh	30.0	30.6	32.7	35.0	29.3	29.9	32.0	34.2	28.6	29.2	31.2	33.4	27.9	28.5	30.5	32.6	26.5	27.1	28.9	30.9	24.6	25.1	26.8	28.7		
S/T	0.83	0.78	0.63	0.47	0.86	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.73	0.54		
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15		
KW	2.71	2.77	2.87	2.97	2.94	3.00	3.11	3.21	3.13	3.21	3.32	3.43	3.31	3.39	3.50	3.63	3.46	3.54	3.66	3.79	3.58	3.67	3.80	3.93		
Amps	5.8	5.9	6.1	6.3	6.2	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.0	7.2	7.4	7.6	7.4	7.6	7.8	8.0	7.8	7.9	8.2	8.5		
Hi/PR	159	171	181	189	179	192	203	212	203	219	231	241	231	249	263	274	260	280	296	308	288	309	327	341		
Lo/PR	55	58	63	67	58	61	67	71	60	64	70	74	63	67	73	78	66	70	77	82	68	73	79	84		

85	1238	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	0.67	0.98	0.94	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
		ΔT	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	20	22	23	22	19	21	21	21	18
		KW	2.83	2.90	3.00	3.10	3.07	3.14	3.25	3.36	3.28	3.35	3.47	3.59	3.46	3.54	3.66	3.79	3.61	3.70	3.83	3.97	3.75	3.84	3.97	4.12
		Amps	6.0	6.2	6.3	6.5	6.4	6.6	6.7	7.0	6.9	7.0	7.2	7.5	7.3	7.5	7.7	7.9	7.7	7.9	8.1	8.4	8.1	8.3	8.5	8.8
	Hi/PR	167	180	190	198	188	202	213	223	214	230	243	253	243	262	276	288	274	295	311	324	302	325	344	358	
	Lo/PR	57	61	67	71	61	64	70	75	63	67	73	78	66	70	77	82	69	74	81	86	72	76	83	89	
	MBh	33.1	33.7	35.3	37.7	32.3	32.9	34.5	36.8	31.5	32.1	33.7	35.9	30.8	31.4	32.8	35.0	29.2	29.8	31.2	33.3	27.1	27.6	28.9	30.8	
	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	
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	25	23	20	23	23	22	19	
KW	2.81	2.87	2.97	3.07	3.04	3.11	3.22	3.33	3.25	3.32	3.44	3.56	3.43	3.51	3.63	3.76	3.58	3.67	3.80	3.93	3.72	3.80	3.94	4.08		
Amps	6.0	6.1	6.3	6.5	6.4	6.5	6.7	6.9	6.8	7.0	7.2	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.0	8.3	8.0	8.2	8.5	8.7		
Hi/PR	166	178	188	196	186	200	211	220	211	228	240	251	241	259	274	285	271	292	308	321	299	322	340	355		
Lo/PR	57	60	66	70	60	64	70	74	62	66	72	77	65	70	76	81	69	73	80	85	71	76	82	88		
MBh	30.5	31.1	32.6	34.8	29.8	30.4	31.8	33.9	29.1	29.7	31.1	33.1	28.4	28.9	30.3	32.3	27.0	27.5	28.8	30.7	25.0	25.5	26.7	28.5		
S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.96	0.87	0.70		
ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	24	23	22	19		
KW	2.74	2.80	2.89	2.99	2.96	3.03	3.13	3.24	3.16	3.23	3.35	3.46	3.34	3.42	3.54	3.66	3.49	3.57	3.69	3.83	3.62	3.70	3.83	3.97		
Amps	5.9	6.0	6.1	6.3	6.2	6.4	6.5	6.7	6.7	6.8	7.0	7.2	7.1	7.2	7.4	7.7	7.5	7.6	7.8	8.1	7.8	8.0	8.2	8.5		
Hi/PR	161	173	183	191	180	194	205	214	205	221	233	243	234	251	265	277	263	283	299	312	290	313	330	344		
Lo/PR	55	59	64	68	58	62	68	72	60	64	70	75	64	68	74	79	67	71	77	82	69	73	80	85		

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ARI Rating conditions  
 Amps = outdoor unit amps (comp.+fan)  
 KW = Total system power

EXPANDED COOLING DATA — CKF48-5\* / A48-00-2

IDB	Airflow	Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		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	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	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.78	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-												
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-												
	kW	3.81	3.89	4.02	-	4.11	4.19	4.33	-	4.36	4.46	4.60	-	4.59	4.69	4.85	-	4.79	4.89	5.06	-	4.95	5.06	5.23	-												
	Amps	9.4	9.5	9.7	-	9.9	10.1	10.3	-	10.5	10.7	11.0	-	11.0	11.2	11.5	-	11.6	11.8	12.1	-	12.1	12.3	12.6	-												
	Hi PR	50	54	57	-	56	60	63	-	63	68	72	-	72	78	82	-	81	88	92	-	90	97	102	-												
	Lo PR	200	213	233	-	212	225	246	-	220	234	255	-	231	246	268	-	242	257	281	-	250	266	291	-												
	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	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-												
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-												
kW	3.78	3.86	3.98	-	4.07	4.16	4.29	-	4.33	4.42	4.57	-	4.55	4.66	4.81	-	4.75	4.85	5.01	-	4.91	5.02	5.19	-													
Amps	9.3	9.5	9.7	-	9.8	10.0	10.2	-	10.4	10.6	10.9	-	11.0	11.2	11.4	-	11.5	11.7	12.0	-	12.0	12.2	12.5	-													
Hi PR	49	53	56	-	55	59	63	-	63	68	71	-	72	77	81	-	81	87	92	-	89	96	101	-													
Lo PR	198	211	230	-	209	223	243	-	218	232	253	-	229	243	266	-	240	255	278	-	248	264	288	-													
MBh	38.6	40.0	43.9	-	37.7	39.1	42.9	-	36.8	38.2	41.8	-	35.9	37.3	40.8	-	34.1	35.4	38.8	-	31.6	32.8	35.9	-													
S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-													
ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-													
kW	3.69	3.77	3.89	-	3.97	4.06	4.19	-	4.22	4.31	4.45	-	4.44	4.54	4.69	-	4.63	4.73	4.89	-	4.79	4.90	5.06	-													
Amps	9.1	9.3	9.5	-	9.6	9.8	10.0	-	10.2	10.4	10.7	-	10.7	10.9	11.2	-	11.2	11.5	11.7	-	11.7	12.0	12.3	-													
Hi PR	48	51	54	-	54	58	61	-	61	66	69	-	69	75	79	-	78	84	89	-	86	93	98	-													
Lo PR	192	205	223	-	203	216	236	-	211	225	245	-	222	236	258	-	232	247	270	-	240	256	279	-													

75	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	0.84	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	0.96	0.85	0.65	0.42	0.96	0.86	0.65	0.42
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	9
	kW	3.84	3.93	4.05	4.18	4.14	4.23	4.36	4.51	4.40	4.50	4.64	4.80	4.63	4.73	4.89	5.05	4.83	4.93	5.10	5.27	5.00	5.11	5.28	5.46
	Amps	9.4	9.6	9.8	10.1	10.0	10.1	10.4	10.7	10.6	10.8	11.0	11.3	11.1	11.3	11.6	11.9	11.6	11.9	12.2	12.5	12.2	12.4	12.7	13.1
	Hi PR	50	54	57	60	56	61	64	67	64	69	73	76	73	79	83	87	82	88	93	97	91	98	103	108
	Lo PR	202	215	235	250	214	227	248	264	222	236	258	275	233	248	271	289	245	260	284	302	253	269	294	313
	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	0.80	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	0.59	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10
kW	3.81	3.89	4.02	4.15	4.11	4.19	4.33	4.47	4.37	4.46	4.61	4.76	4.59	4.69	4.85	5.01	4.79	4.89	5.06	5.23	4.95	5.07	5.23	5.41	
Amps	9.4	9.5	9.7	10.0	9.9	10.1	10.3	10.6	10.5	10.7	11.0	11.3	11.0	11.2	11.5	11.8	11.6	11.8	12.1	12.4	12.1	12.3	12.6	13.0	
Hi PR	50	54	57	59	56	60	63	66	63	68	72	75	72	78	82	86	81	88	92	96	90	97	102	107	
Lo PR	200	213	233	248	212	225	246	262	220	234	255	272	231	246	268	286	242	258	281	299	250	266	291	310	
MBh	39.3	40.5	43.8	47.0	38.4	39.5	42.8	45.9	37.5	38.6	41.8	44.8	36.6	37.6	40.7	43.7	34.7	35.8	38.7	41.5	32.2	33.1	35.8	38.5	
S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.89	0.79	0.60	0.39	
ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	
kW	3.72	3.80	3.92	4.05	4.01	4.09	4.22	4.36	4.26	4.35	4.49	4.64	4.48	4.58	4.73	4.88	4.67	4.77	4.93	5.09	4.83	4.94	5.10	5.27	
Amps	9.2	9.3	9.6	9.8	9.7	9.9	10.1	10.4	10.3	10.5	10.7	11.0	10.8	11.0	11.3	11.6	11.3	11.5	11.8	12.2	11.8	12.0	12.4	12.7	
Hi PR	48	52	55	57	54	58	62	64	62	66	70	73	70	75	80	83	79	85	90	94	87	94	99	103	
Lo PR	194	207	226	240	205	218	238	254	213	227	248	264	224	238	260	277	235	250	273	290	243	258	282	300	

IDB: Entering Indoor Dry Bulb Temperature  
 High & low pressures are measured at liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) conditions  
 Amps = outdoor unit amps (comp.+fan)  
 kW = Total system power

EXPANDED COOLING DATA — CKF48-5\* / A48-00-2 (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	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	0.92	0.86	0.70	0.53	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60
	ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	15	19	20	17	14
	KW	3.87	3.96	4.08	4.21	4.17	4.26	4.40	4.55	4.44	4.53	4.68	4.84	4.67	4.77	4.93	5.10	4.87	4.98	5.14	5.32	5.04	5.15	5.32	5.51
	Amps	9.5	9.6	9.9	10.1	10.0	10.2	10.4	10.7	10.7	10.8	11.1	11.4	11.2	11.4	11.7	12.0	11.7	11.9	12.3	12.6	12.3	12.5	12.8	13.2
	Hi PR	51	55	58	60	57	61	65	67	65	70	74	77	74	79	84	87	83	89	94	98	92	99	104	109
	Lo PR	204	217	237	253	216	230	251	267	224	239	261	278	236	251	274	292	247	263	287	305	255	272	297	316
	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	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.95	0.77	0.57
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
KW	3.84	3.93	4.05	4.18	4.14	4.23	4.37	4.51	4.40	4.50	4.64	4.80	4.63	4.73	4.89	5.05	4.83	4.94	5.10	5.27	5.00	5.11	5.28	5.46	
Amps	9.4	9.6	9.8	10.1	10.0	10.1	10.4	10.7	10.6	10.8	11.0	11.3	11.1	11.3	11.6	11.9	11.6	11.9	12.2	12.5	12.2	12.4	12.7	13.1	
Hi PR	50	54	57	60	56	61	64	67	64	69	73	76	73	79	83	87	82	88	93	97	91	98	103	108	
Lo PR	202	215	235	250	214	227	248	264	222	236	258	275	233	248	271	289	245	260	284	302	253	269	294	313	
MBh	40.0	40.9	43.7	46.7	39.1	39.9	42.6	45.6	38.1	39.0	41.6	44.5	37.2	38.0	40.6	43.4	35.3	36.1	38.6	41.2	32.7	33.5	35.7	38.2	
S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	20	16	23	22	19	15	22	21	18	14	
KW	3.75	3.83	3.95	4.08	4.04	4.13	4.26	4.40	4.29	4.39	4.53	4.68	4.52	4.62	4.77	4.93	4.71	4.81	4.97	5.14	4.87	4.98	5.14	5.32	
Amps	9.3	9.4	9.6	9.9	9.8	9.9	10.2	10.4	10.4	10.6	10.8	11.1	10.9	11.1	11.4	11.7	11.4	11.6	11.9	12.3	11.9	12.1	12.4	12.8	
Hi PR	49	52	55	58	55	59	62	65	62	67	71	74	71	76	81	84	80	86	91	94	88	95	100	104	
Lo PR	196	209	228	243	207	221	241	256	215	229	250	267	226	241	263	280	237	252	275	293	245	261	285	303	

1744	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	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
	ΔT	23	23	21	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	17
	KW	3.91	3.99	4.12	4.25	4.21	4.30	4.44	4.58	4.47	4.57	4.72	4.88	4.71	4.81	4.97	5.14	4.91	5.02	5.19	5.36	5.08	5.20	5.37	5.55
	Amps	9.6	9.7	9.9	10.2	10.1	10.3	10.5	10.8	10.7	10.9	11.2	11.5	11.3	11.5	11.8	12.1	11.8	12.0	12.3	12.7	12.3	12.6	12.9	13.3
	Hi PR	51	55	58	61	58	62	65	68	65	70	74	78	75	80	85	88	84	90	95	99	93	100	105	110
	Lo PR	206	220	240	255	218	232	253	270	227	241	263	280	238	253	276	294	249	265	290	309	258	274	300	319
	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	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	19	21	22	21	18
KW	3.87	3.96	4.08	4.21	4.17	4.26	4.40	4.55	4.44	4.53	4.68	4.84	4.67	4.77	4.93	5.10	4.87	4.98	5.14	5.32	5.04	5.15	5.32	5.51	
Amps	9.5	9.6	9.9	10.1	10.0	10.2	10.4	10.7	10.7	10.8	11.1	11.4	11.2	11.4	11.7	12.0	11.7	11.9	12.3	12.6	12.3	12.5	12.8	13.2	
Hi PR	51	55	58	60	57	61	65	67	65	70	74	77	74	79	84	87	83	89	94	98	92	99	104	109	
Lo PR	204	217	237	253	216	230	251	267	224	239	261	278	236	251	274	292	247	263	287	305	255	272	297	316	
MBh	40.7	41.5	43.4	46.3	39.7	40.5	42.4	45.3	38.8	39.5	41.4	44.2	37.9	38.6	40.4	43.1	36.0	36.7	38.4	41.0	33.3	34.0	35.6	37.9	
S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72	
ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	24	24	23	20	23	23	21	19	
KW	3.78	3.86	3.98	4.11	4.07	4.16	4.29	4.43	4.33	4.42	4.57	4.72	4.55	4.65	4.81	4.97	4.75	4.85	5.01	5.18	4.91	5.02	5.19	5.36	
Amps	9.3	9.5	9.7	9.9	9.8	10.0	10.2	10.5	10.4	10.6	10.9	11.2	11.0	11.2	11.4	11.8	11.5	11.7	12.0	12.3	12.0	12.2	12.5	12.9	
Hi PR	49	53	56	58	55	59	63	65	63	68	71	74	72	77	81	85	81	87	91	95	89	96	101	105	
Lo PR	198	211	230	245	209	223	243	259	218	232	253	269	229	243	265	283	240	255	278	296	248	264	288	307	

IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ARI Rating conditions  
 Amps = outdoor unit amps (comp.+fan)  
 KW = Total system power

EXPANDED COOLING DATA — CKF60-5\* / A60-00-2

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1856	MBh	53.9	55.9	61.2	-	52.6	54.6	59.8	-	51.4	53.3	58.4	-	50.1	52.0	56.9	-	47.6	49.4	54.1	-	44.1	45.7	50.1	-
		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	-
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
		KW	4.73	4.84	4.99	-	5.11	5.22	5.39	-	5.43	5.55	5.74	-	5.72	5.85	6.05	-	5.97	6.10	6.31	-	6.18	6.32	6.54	-
	Amps	8.8	9.0	9.2	-	9.4	9.6	9.9	-	10.2	10.4	10.7	-	10.8	11.1	11.4	-	11.5	11.7	12.1	-	12.1	12.4	12.8	-	
	Hi PR	162	174	184	-	182	195	206	-	206	222	235	-	235	253	267	-	265	285	301	-	292	315	332	-	
	Lo PR	55	58	64	-	58	61	67	-	60	64	70	-	63	67	73	-	66	70	77	-	68	73	79	-	
	MBh	52.3	54.2	59.4	-	51.1	53.0	58.0	-	49.9	51.7	56.7	-	48.7	50.5	55.3	-	46.2	47.9	52.5	-	42.8	44.4	48.6	-	
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-	
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	
	KW	4.70	4.80	4.95	-	5.06	5.17	5.34	-	5.39	5.51	5.69	-	5.67	5.80	6.00	-	5.92	6.05	6.26	-	6.13	6.27	6.48	-	
	Amps	8.7	8.9	9.2	-	9.3	9.6	9.8	-	10.1	10.3	10.6	-	10.7	11.0	11.3	-	11.4	11.6	12.0	-	12.0	12.3	12.6	-	
Hi PR	160	172	182	-	180	193	204	-	204	220	232	-	233	251	265	-	262	282	298	-	289	311	329	-		
Lo PR	54	58	63	-	57	61	66	-	59	63	69	-	62	66	73	-	65	70	76	-	68	72	79	-		
MBh	48.3	50.1	54.8	-	47.2	48.9	53.6	-	46.1	47.7	52.3	-	44.9	46.6	51.0	-	42.7	44.2	48.5	-	39.5	41.0	44.9	-		
S/T	0.65	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.75	0.63	0.43	-		
ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	13	-	20	18	13	-	19	16	12	-		
KW	4.58	4.68	4.83	-	4.94	5.05	5.21	-	5.25	5.37	5.55	-	5.53	5.66	5.84	-	5.77	5.90	6.10	-	5.97	6.11	6.31	-		
Amps	8.5	8.7	8.9	-	9.1	9.3	9.6	-	9.8	10.1	10.4	-	10.4	10.7	11.0	-	11.1	11.3	11.7	-	11.7	11.9	12.3	-		
Hi PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	273	289	-	281	302	319	-		
Lo PR	53	56	61	-	55	59	64	-	58	61	67	-	61	64	70	-	63	68	74	-	66	70	76	-		

75	1856	MBh	54.8	56.4	61.1	65.6	52.3	53.8	58.2	62.5	51.0	52.5	56.8	61.0	48.4	49.9	54.0	57.9	44.9	46.2	50.0	53.7
		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
		ΔT	22	20	17	11	22	20	17	12	22	21	17	12	22	21	17	12	22	20	17	12
		KW	4.77	4.88	5.03	5.20	5.15	5.26	5.43	5.62	5.48	5.60	5.79	5.98	5.77	5.90	6.10	6.31	6.02	6.16	6.36	6.58
	Amps	8.9	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.2	10.9	11.2	11.5	11.9	11.6	11.8	12.2	12.6	
	Hi PR	163	176	186	194	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	
	Lo PR	55	59	64	68	58	62	68	72	61	65	70	75	64	68	74	79	67	71	78	83	
	MBh	53.2	54.8	59.3	63.6	52.0	53.5	57.9	62.2	50.7	52.2	56.5	60.7	49.5	51.0	55.2	59.2	47.0	48.4	52.4	56.2	
	S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	
	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	
	KW	4.73	4.84	4.99	5.16	5.11	5.22	5.39	5.57	5.43	5.56	5.74	5.93	5.72	5.85	6.05	6.25	5.97	6.10	6.31	6.53	
	Amps	8.8	9.0	9.2	9.6	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	10.8	11.1	11.4	11.8	11.5	11.7	12.1	12.5	
Hi PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314		
Lo PR	55	58	64	68	58	61	67	71	60	64	70	74	63	67	73	78	66	70	77	82		
MBh	49.1	50.6	54.7	58.7	48.0	49.4	53.5	57.4	46.8	48.2	52.2	56.0	45.7	47.0	50.9	54.6	43.4	44.7	48.4	51.9		
S/T	0.74	0.66	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37		
ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12		
KW	4.62	4.72	4.87	5.03	4.98	5.09	5.25	5.43	5.30	5.42	5.59	5.78	5.58	5.70	5.89	6.09	5.82	5.95	6.15	6.36		
Amps	8.6	8.8	9.0	9.3	9.2	9.4	9.7	10.0	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.5	11.2	11.4	11.8	12.2		
Hi PR	157	169	178	186	176	190	200	209	200	216	228	237	228	246	259	270	257	276	292	304		
Lo PR	53	56	62	66	56	60	65	69	58	62	68	72	61	65	71	76	64	68	74	79		

IDB: Entering Indoor Dry Bulb Temperature  
 High & low pressures are measured at liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) conditions  
 Amps = outdoor unit amps (comp.+fan)  
 KW = Total system power

EXPANDED COOLING DATA — CKF60-5\* / A60-00-2 (CONT.)

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		65°F				75°F				85°F				95°F				105°F				115°F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
80	1856	MBh	55.8	57.0	60.9	65.1	54.5	55.7	59.5	63.6	53.2	54.4	58.1	62.1	51.9	53.0	56.7	60.6	49.3	50.4	53.8	57.5	45.7	46.7	49.9	53.3	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	1.00	0.91	0.74	0.55	1.00	0.95	0.77	0.58	ΔT	24	23	20	16	25	24	21	17	26	24	21	17	27	25	22	17	28	26	22	16	29	27	23	18	30	28	24	19	31	29	25	20	32	30	26	21	33	31	27	22	34	32	28	23	35	33	29	24	36	34	30	25	37	35	31	26	38	36	32	27	39	37	33	28	40	38	34	29	41	39	35	30	42	40	36	31	43	41	37	32	44	42	38	33	45	43	39	34	46	44	40	35	47	45	41	36	48	46	42	37	49	47	43	38	50	48	44	39	51	49	45	40	52	50	46	41	53	51	47	42	54	52	48	43	55	53	49	44	56	54	50	45	57	55	51	46	58	56	52	47	59	57	53	48	60	58	54	49	61	59	55	50	62	60	56	51	63	61	57	52	64	62	58	53	65	63	59	54	66	64	60	55	67	65	61	56	68	66	62	57	69	67	63	58	70	68	64	59	71	69	65	60	72	70	66	61	73	71	67	62	74	72	68	63	75	73	69	64	76	74	70	65	77	75	71	66	78	76	72	67	79	77	73	68	80	78	74	69	81	79	75	70	82	80	76	71	83	81	77	72	84	82	78	73	85	83	79	74	86	84	80	75	87	85	81	76	88	86	82	77	89	87	83	78	90	88	84	79	91	89	85	80	92	90	86	81	93	91	87	82	94	92	88	83	95	93	89	84	96	94	90	85	97	95	91	86	98	96	92	87	99	97	93	88	100	98	94	89	101	99	95	90	102	100	96	91	103	101	97	92	104	102	98	93	105	103	99	94	106	104	100	95	107	105	101	96	108	106	102	97	109	107	103	98	110	108	104	99	111	109	105	100	112	110	106	101	113	111	107	102	114	112	108	103	115	113	109	104	116	114	110	105	117	115	111	106	118	116	112	107	119	117	113	108	120	118	114	109	121	119	115	110	122	120	116	111	123	121	117	112	124	122	118	113	125	123	119	114	126	124	120	115	127	125	121	116	128	126	122	117	129	127	123	118	130	128	124	119	131	129	125	120	132	130	126	121	133	131	127	122	134	132	128	123	135	133	129	124	136	134	130	125	137	135	131	126	138	136	132	127	139	137	133	128	140	138	134	129	141	139	135	130	142	140	136	131	143	141	137	132	144	142	138	133	145	143	139	134	146	144	140	135	147	145	141	136	148	146	142	137	149	147	143	138	150	148	144	139	151	149	145	140	152	150	146	141	153	151	147	142	154	152	148	143	155	153	149	144	156	154	150	145	157	155	151	146	158	156	152	147	159	157	153	148	160	158	154	149	161	159	155	150	162	160	156	151	163	161	157	152	164	162	158	153	165	163	159	154	166	164	160	155	167	165	161	156	168	166	162	157	169	167	163	158	170	168	164	159	171	169	165	160	172	170	166	161	173	171	167	162	174	172	168	163	175	173	169	164	176	174	170	165	177	175	171	166	178	176	172	167	179	177	173	168	180	178	174	169	181	179	175	170	182	180	176	171	183	181	177	172	184	182	178	173	185	183	179	174	186	184	180	175	187	185	181	176	188	186	182	177	189	187	183	178	190	188	184	179	191	189	185	180	192	190	186	181	193	191	187	182	194	192	188	183	195	193	189	184	196	194	190	185	197	195	191	186	198	196	192	187	199	197	193	188	200	198	194	189	201	199	195	190	202	200	196	191	203	201	197	192	204	202	198	193	205	203	199	194	206	204	200	195	207	205	201	196	208	206	202	197	209	207	203	198	210	208	204	199	211	209	205	200	212	210	206	201	213	211	207	202	214	212	208	203	215	213	209	204	216	214	210	205	217	215	211	206	218	216	212	207	219	217	213	208	220	218	214	209	221	219	215	210	222	220	216	211	223	221	217	212	224	222	218	213	225	223	219	214	226	224	220	215	227	225	221	216	228	226	222	217	229	227	223	218	230	228	224	219	231	229	225	220	232	230	226	221	233	231	227	222	234	232	228	223	235	233	229	224	236	234	230	225	237	235	231	226	238	236	232	227	239	237	233	228	240	238	234	229	241	239	235	230	242	240	236	231	243	241	237	232	244	242	238	233	245	243	239	234	246	244	240	235	247	245	241	236	248	246	242	237	249	247	243	238	250	248	244	239	251	249	245	240	252	250	246	241	253	251	247	242	254	252	248	243	255	253	249	244	256	254	250	245	257	255	251	246	258	256	252	247	259	257	253	248	260	258	254	249	261	259	255	250	262	260	256	251	263	261	257	252	264	262	258	253	265	263	259	254	266	264	260	255	267	265	261	256	268	266	262	257	269	267	263	258	270	268	264	259	271	269	265	260	272	270	266	261	273	271	267	262	274	272	268	263	275	273	269	264	276	274	270	265	277	275	271	266	278	276	272	267	279	277	273	268	280	278	274	269	281	279	275	270	282	280	276	271	283	281	277	272	284	282	278	273	285	283	279	274	286	284	280	275	287	285	281	276	288	286	282	277	289	287	283	278	290	288	284	279	291	289	285	280	292	290	286	281	293	291	287	282	294	292	288	283	295	293	289	284	296	294	290	285	297	295	291	286	298	296	292	287	299	297	293	288	300	298	294	289	301	299	295	290	302	300	296	291	303	301	297	292	304	302	298	293	305	303	299	294	306	304	300	295	307	305	301	296	308	306	302	297	309	307	303	298	310	308	304	299	311	309	305	300	312	310	306	301	313	311	307	302	314	312	308	303	315	313	309	304	316	314	310	305	317	315	311	306	318	316	312	307	319	317	313	308	320	318	314	309	321	319	315	310	322	320	316	311	323	321	317	312	324	322	318	313	325	323	319	314	326	324	320	315	327	325	321	316	328	326	322	317	329	327	323	318	330	328	324	319	331	329	325	320	332	330	326	321	333	331	327	322	334	332	328	323	335	333	329	324	336	334	330	325	337	335	331	326	338	336	332	327	339	337	333	328	340	338	334	329	341	339	335	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EXPANDED COOLING DATA — CKF70-5\* / A60-00-2

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1856	MBh	59.8	62.0	67.9	-	58.4	60.5	66.3	-	57.0	59.1	64.7	-	55.6	57.6	63.1	-	52.8	54.8	60.0	-	48.9	50.7	55.6	-
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
	ΔT	20	18	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	
	kW	5.26	5.37	5.54	-	5.67	5.80	5.99	-	6.04	6.17	6.38	-	6.36	6.50	6.72	-	6.63	6.78	7.01	-	6.87	7.03	7.27	-	
	Amps	11.1	11.3	11.6	-	11.8	12.0	12.3	-	12.6	12.9	13.2	-	13.3	13.6	14.0	-	14.1	14.3	14.7	-	14.8	15.1	15.5	-	
	Hi PR	169	182	192	-	190	204	215	-	216	232	245	-	246	264	279	-	276	297	314	-	305	329	347	-	
	Lo PR	52	55	60	-	55	58	63	-	57	60	66	-	60	63	69	-	63	67	73	-	65	69	75	-	
	MBh	58.0	60.2	65.9	-	56.7	58.8	64.4	-	55.3	57.4	62.8	-	54.0	56.0	61.3	-	51.3	53.2	58.2	-	47.5	49.2	53.9	-	
	S/T	0.65	0.54	0.38	-	0.68	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.75	0.62	0.43	-	
	ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	19	14	-	21	18	14	-	20	17	13	-	
kW	5.21	5.33	5.50	-	5.62	5.75	5.94	-	5.99	6.12	6.32	-	6.31	6.45	6.66	-	6.58	6.73	6.95	-	6.81	6.97	7.20	-		
Amps	11.0	11.2	11.5	-	11.7	11.9	12.3	-	12.5	12.8	13.1	-	13.2	13.5	13.9	-	13.9	14.2	14.6	-	14.6	14.9	15.4	-		
Hi PR	167	180	190	-	188	202	213	-	214	230	243	-	243	262	276	-	274	294	311	-	302	325	344	-		
Lo PR	51	54	59	-	54	58	63	-	56	60	65	-	59	63	69	-	62	66	72	-	64	68	74	-		
MBh	53.6	55.5	60.8	-	52.3	54.2	59.4	-	51.1	52.9	58.0	-	49.8	51.6	56.6	-	47.3	49.1	53.8	-	43.8	45.4	49.8	-		
S/T	0.63	0.52	0.36	-	0.65	0.54	0.38	-	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.72	0.60	0.42	-		
ΔT	21	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	20	17	13	-		
kW	5.09	5.20	5.36	-	5.48	5.61	5.79	-	5.84	5.97	6.16	-	6.15	6.28	6.49	-	6.41	6.55	6.77	-	6.64	6.79	7.02	-		
Amps	10.8	11.0	11.2	-	11.4	11.7	12.0	-	12.2	12.5	12.8	-	12.9	13.2	13.6	-	13.6	13.9	14.3	-	14.3	14.6	15.0	-		
Hi PR	162	175	184	-	182	196	207	-	207	223	235	-	236	254	268	-	265	286	302	-	293	316	333	-		
Lo PR	50	53	58	-	52	56	61	-	55	58	63	-	57	61	67	-	60	64	70	-	62	66	72	-		

75	1856	MBh	60.8	62.6	67.7	72.7	59.4	61.1	66.2	71.0	58.0	59.7	64.6	69.3	56.5	58.2	63.0	67.6	53.7	55.3	59.9	64.3	49.8	51.2	55.5	59.5
		S/T	0.78	0.69	0.53	0.34	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	0.89	0.80	0.60	0.39
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11	
	kW	5.30	5.42	5.59	5.77	5.72	5.84	6.04	6.24	6.09	6.22	6.43	6.65	6.41	6.56	6.78	7.01	6.69	6.84	7.08	7.32	6.93	7.09	7.33	7.58	
	Amps	11.2	11.4	11.7	12.0	11.9	12.1	12.4	12.8	12.7	13.0	13.3	13.7	13.4	13.7	14.1	14.5	14.2	14.5	14.9	15.4	14.9	15.2	15.6	16.1	
	Hi PR	171	184	194	202	192	206	218	227	218	234	248	258	248	267	282	294	279	300	317	331	308	332	350	366	
	Lo PR	52	56	61	65	55	59	64	68	57	61	67	71	60	64	70	75	63	67	73	78	65	69	76	81	
	MBh	59.0	60.8	65.8	70.6	57.6	59.4	64.2	68.9	56.3	57.9	62.7	67.3	54.9	56.5	61.2	65.7	52.2	53.7	58.1	62.4	48.3	49.7	53.8	57.8	
	S/T	0.74	0.66	0.50	0.32	0.77	0.69	0.52	0.33	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.85	0.76	0.58	0.37	
	ΔT	24	22	18	13	25	23	19	13	25	23	19	13	25	23	19	13	24	23	18	13	23	21	17	12	
kW	5.26	5.37	5.54	5.73	5.67	5.80	5.99	6.19	6.04	6.17	6.38	6.59	6.36	6.50	6.72	6.95	6.63	6.79	7.01	7.26	6.87	7.03	7.27	7.52		
Amps	11.1	11.3	11.6	11.9	11.8	12.0	12.3	12.7	12.6	12.9	13.2	13.6	13.3	13.6	14.0	14.4	14.1	14.3	14.8	15.2	14.8	15.1	15.5	16.0		
Hi PR	169	182	192	200	190	204	216	225	216	232	245	256	246	264	279	291	276	297	314	328	305	329	347	362		
Lo PR	52	55	60	64	55	58	63	68	57	60	66	70	60	63	69	74	63	67	73	77	65	69	75	80		
MBh	54.5	56.1	60.7	65.2	53.2	54.8	59.3	63.6	51.9	53.5	57.9	62.1	50.7	52.2	56.5	60.6	48.1	49.6	53.6	57.6	44.6	45.9	49.7	53.3		
S/T	0.71	0.64	0.48	0.31	0.74	0.66	0.50	0.32	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.82	0.73	0.55	0.36		
ΔT	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	18	12		
kW	5.13	5.24	5.41	5.59	5.53	5.65	5.84	6.03	5.89	6.02	6.22	6.42	6.20	6.34	6.55	6.77	6.47	6.61	6.83	7.07	6.69	6.85	7.08	7.32		
Amps	10.8	11.0	11.3	11.7	11.5	11.8	12.1	12.4	12.3	12.6	12.9	13.3	13.0	13.3	13.7	14.1	13.7	14.0	14.4	14.9	14.4	14.7	15.1	15.6		
Hi PR	164	176	186	194	184	198	209	218	209	225	238	248	238	256	271	282	268	289	305	318	296	319	337	351		
Lo PR	50	53	58	62	53	56	62	66	55	59	64	68	58	62	67	72	61	65	70	75	63	67	73	78		

IDB: Entering Indoor Dry Bulb Temperature  
 High & low pressures are measured at liquid and suction service valves.  
 Shaded area reflects ACCA (TVA) conditions  
 Amps = outdoor unit amps (comp.+fan)  
 kW = Total system power



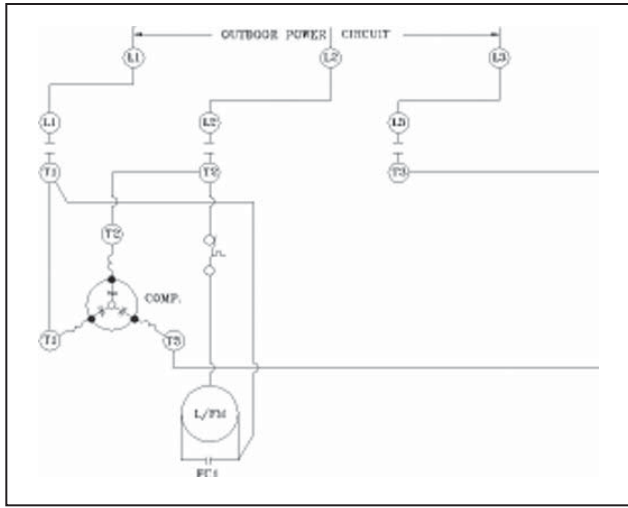
EXPANDED COOLING DATA — CKF70-5\* / A60-00-2 (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	1856	MBh	61.9	63.2	67.5	72.2	60.4	61.7	66.0	70.5	59.0	60.3	64.4	68.8	57.6	58.8	62.8	67.2	54.7	55.9	59.7	63.8	50.6	51.8	55.3	59.1
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.92	0.75	0.56
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	17	25	24	20	16	
	KW	5.34	5.46	5.64	5.82	5.77	5.89	6.09	6.29	6.14	6.28	6.49	6.71	6.47	6.62	6.84	7.07	6.75	6.90	7.14	7.38	6.99	7.15	7.39	7.65	
	Amps	11.2	11.5	11.8	12.1	12.0	12.2	12.5	12.9	12.8	13.1	13.4	13.9	13.5	13.8	14.2	14.7	14.3	14.6	15.0	15.5	15.0	15.3	15.8	16.3	
	Hi PR	172	186	196	204	193	208	220	229	220	237	250	261	251	270	285	297	282	303	320	334	312	335	354	369	
	Lo PR	53	56	61	65	56	59	65	69	58	62	67	72	61	65	71	75	64	68	74	79	66	70	77	82	
	MBh	60.1	61.4	65.6	70.1	58.7	60.0	64.1	68.5	57.3	58.5	62.5	66.8	55.9	57.1	61.0	65.2	53.1	54.2	58.0	61.9	49.2	50.2	53.7	57.4	
	S/T	0.81	0.76	0.62	0.46	0.84	0.79	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.93	0.87	0.71	0.53	
	ΔT	27	26	23	18	28	26	23	18	28	26	23	18	28	27	23	18	27	26	23	18	26	24	21	17	
KW	5.30	5.42	5.59	5.78	5.72	5.85	6.04	6.24	6.09	6.22	6.43	6.65	6.41	6.56	6.78	7.01	6.69	6.84	7.08	7.32	6.93	7.09	7.33	7.59		
Amps	11.2	11.4	11.7	12.0	11.9	12.1	12.4	12.8	12.7	13.0	13.3	13.7	13.4	13.7	14.1	14.6	14.2	14.5	14.9	15.4	14.9	15.2	15.6	16.1		
Hi PR	171	184	194	202	192	206	218	227	218	234	248	258	248	267	282	294	279	300	317	331	308	332	351	366		
Lo PR	52	56	61	65	55	59	64	68	57	61	67	71	60	64	70	75	63	67	73	78	65	70	76	81		
MBh	55.4	56.7	60.5	64.7	54.2	55.3	59.1	63.2	52.9	54.0	57.7	61.7	51.6	52.7	56.3	60.2	49.0	50.1	53.5	57.2	45.4	46.4	49.5	53.0		
S/T	0.78	0.73	0.60	0.45	0.81	0.76	0.62	0.46	0.83	0.78	0.64	0.47	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.90	0.84	0.69	0.51		
ΔT	28	26	23	18	28	27	23	19	28	27	23	19	28	27	24	19	28	27	23	19	26	25	22	17		
KW	5.17	5.28	0.80	5.63	5.58	5.70	5.89	6.08	5.94	6.07	6.27	6.48	6.25	6.39	6.61	6.83	6.52	6.67	6.89	7.13	6.75	6.91	7.14	7.39		
Amps	10.9	11.1	11.4	11.8	11.6	11.8	12.2	12.5	12.4	12.7	13.0	13.4	13.1	13.4	13.8	14.2	13.8	14.1	14.5	15.0	14.5	14.8	15.3	15.8		
Hi PR	166	178	188	196	186	200	211	220	211	227	240	250	241	259	274	285	271	291	308	321	299	322	340	355		
Lo PR	51	54	59	63	54	57	62	66	56	59	65	69	58	62	68	72	61	65	71	76	63	67	74	78		

85	1856	MBh	62.9	64.2	67.2	71.7	61.5	62.7	65.6	70.0	60.0	61.2	64.1	68.4	58.6	59.7	62.5	66.7	55.6	56.7	59.4	63.4	51.5	52.5	55.0	58.7
		S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
	ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	28	28	26	23	26	26	24	21	
	KW	5.39	5.50	5.68	5.87	5.81	5.94	6.14	6.35	6.19	6.33	6.54	6.76	6.52	6.67	6.90	7.13	6.81	6.96	7.20	7.45	7.05	7.21	7.46	7.72	
	Amps	11.3	11.5	11.8	12.2	12.1	12.3	12.6	13.0	12.9	13.2	13.5	14.0	13.6	13.9	14.3	14.8	14.4	14.7	15.1	15.6	15.1	15.4	15.9	16.4	
	Hi PR	174	187	198	206	195	210	222	232	222	239	253	263	253	272	288	300	285	306	324	338	315	339	358	373	
	Lo PR	53	57	62	66	56	60	65	70	59	62	68	72	61	65	71	76	64	69	75	80	67	71	77	82	
	MBh	61.1	62.3	65.2	69.6	59.7	60.9	63.7	68.0	58.3	59.4	62.2	66.4	56.9	58.0	60.7	64.8	54.0	55.1	57.7	61.5	50.0	51.0	53.4	57.0	
	S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.77	0.62	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.98	0.94	0.85	0.69	
	ΔT	29	29	27	23	29	29	27	24	29	29	27	24	30	29	28	24	29	29	27	23	27	27	25	22	
KW	5.34	5.46	5.64	5.82	5.77	5.89	6.09	6.29	6.14	6.28	6.49	6.71	6.47	6.62	6.84	7.07	6.75	6.90	7.14	7.38	6.99	7.15	7.39	7.65		
Amps	11.2	11.5	11.8	12.1	12.0	12.2	12.5	12.9	12.8	13.1	13.4	13.9	13.5	13.8	14.2	14.7	14.3	14.6	15.0	15.5	15.0	15.3	15.8	16.3		
Hi PR	172	186	196	204	193	208	220	229	220	237	250	261	251	270	285	297	282	303	320	334	312	335	354	369		
Lo PR	53	56	61	65	56	59	65	69	58	62	67	72	61	65	71	75	64	68	74	79	66	70	77	82		
MBh	56.4	57.5	60.2	64.2	55.1	56.2	58.8	62.8	53.8	54.8	57.4	61.3	52.5	53.5	56.0	59.8	49.9	50.8	53.2	56.8	46.2	47.1	49.3	52.6		
S/T	0.82	0.79	0.71	0.58	0.85	0.82	0.74	0.60	0.87	0.84	0.76	0.62	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.94	0.91	0.82	0.67		
ΔT	29	29	27	24	30	29	28	24	30	29	28	24	30	30	28	24	30	29	28	24	28	27	26	22		
KW	5.21	5.33	5.50	5.68	5.62	5.75	5.93	6.13	5.98	6.12	6.32	6.53	6.30	6.45	6.66	6.89	6.58	6.73	6.95	7.19	6.81	6.97	7.20	7.45		
Amps	11.0	11.2	11.5	11.8	11.7	11.9	12.2	12.6	12.5	12.8	13.1	13.5	13.2	13.5	13.9	14.3	13.9	14.2	14.6	15.1	14.6	14.9	15.4	15.9		
Hi PR	167	180	190	198	188	202	213	222	213	230	243	253	243	262	276	288	274	294	311	324	302	325	343	358		
Lo PR	51	54	59	63	54	58	63	67	56	60	65	70	59	63	69	73	62	66	72	77	64	68	74	79		

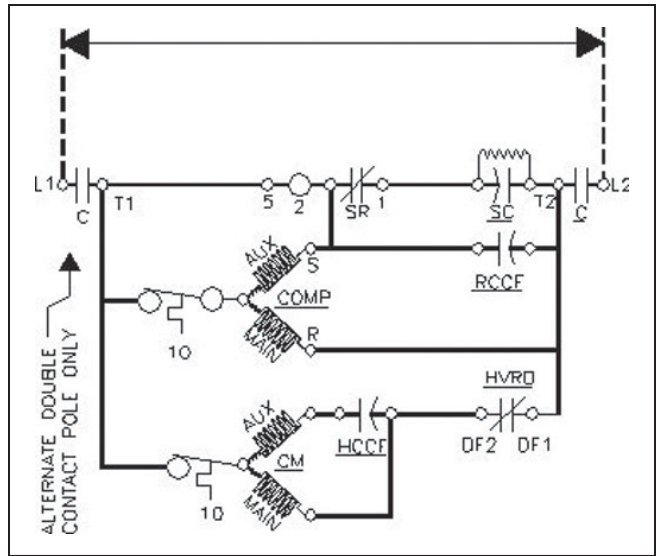
IDB: Entering Indoor Dry Bulb Temperature  
 High and low pressures are measured at the liquid and suction service valves.  
 Shaded area reflects ARI Rating conditions  
 Amps = outdoor unit amps (comp.+fan)  
 kW = Total system power

# SCHEMATIC WIRING DIAGRAM



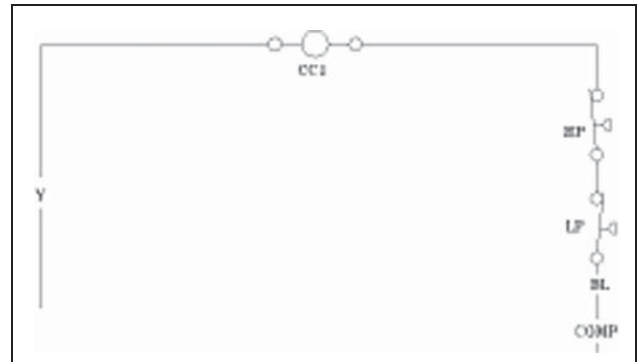
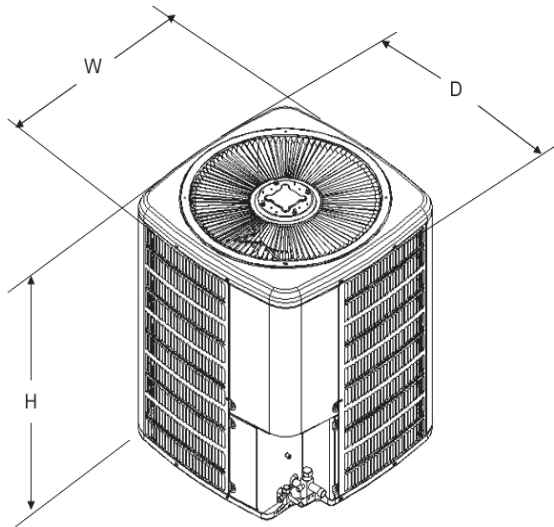
**POWER CIRCUIT**

WIRE CODE: Y - Yellow • PU - Purple



**SINGLE-PHASE LINE VOLTAGE**

## DIMENSIONS



**LOW-VOLTAGE CIRCUIT**

**Component Legend**  
 C - Contactor  
 Comp - Compressor  
 FC - Fan Motor Capacitor  
 HP - High-pressure Control  
 FM - Fan Motor  
 IO - Internal Overload

Model	W	D	H	Model	W	D	H
CKF24-2*	26	26	29¾	CKF48-5*	29	29	29¾
CKF36-2*	26	26	29¾	CKF60-5*	29	29	32¼
CKF36-5*	26	26	29¾	CKF70-5*	29	29	38¼

