

**ENGINEERING DATA**

CERTIFICATION APPLIES ONLY  
WHEN THE COMPLETE  
SYSTEM IS LISTED  
WITH ARI

**CONDENSING UNITS****10ACB****ADDITIONAL RATINGS**

May 2001

Supersedes April 2001

**ARI RATINGS - TXV**

Outdoor Unit Model No. Unit Size *Sound Rating Number	★ARI Standard 210/240 Ratings					Indoor Unit Model No.	**Expansion Valve Kit
	Cooling Capacity		Efficiency		Total Unit Watts		
Btuh	kW	SEER	EER				
<b>10ACB36</b> 3 Ton (78 db US) (76 db Cdn)	<b>Horizontal Coils</b>	35,400	10.4	10.35	9.15	3870	CH33-44/48B-F  <b>26K49</b> (LB-85663L)
<b>10ACB42</b> 3.5 Ton (80 db)	<b>Horizontal Coils</b>	40,500	11.9	10.50	9.40	4310	CH33-44/48B-F  <b>26K35</b> (LB-85663K)
<b>10ACB48</b> 4 Ton (80 db)	<b>Horizontal Coils</b>	45,500	13.3	10.35	9.00	5055	CH33-44/48B-F  <b>26K35</b> (LB-85663K)
		47,500	13.9	10.60	9.30	5110	CH33-50/60C-F  <b>26K35</b> (LB-85663K)
<b>10ACB60</b> 5 Ton (80 db)	<b>Horizontal Coils</b>	57,000	16.7	10.50	9.10	6265	CH33-50/60C-F  <b>26K35</b> (LB-85663K)

★Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 20 ft. (7.6 m) of connecting refrigerant lines.

\*Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

\*\*Kit is required and must be ordered extra, unless shown as factory installed.

**ARI RATINGS - RFC**

Outdoor Unit Model No. Unit Size *Sound Rating Number	★ARI Standard 210/240 Ratings					Indoor Unit Model No.	**RFC Orifice (Size)
	Cooling Capacity		Efficiency		Total Unit Watts		
Btuh	kW	SEER	EER				
<b>10ACB36</b> 3 Ton (78 db US) (76 db Cdn)	<b>Horizontal Coils</b>	35,400	10.4	10.35	9.10	3890	CH33-44/48B-F  <b>78L73</b> (0.076)
<b>10ACB42</b> 3.5 Ton (80 db)	<b>Horizontal Coils</b>	40,500	11.9	10.50	9.35	4330	CH33-44/48B-F  <b>42J51</b> (0.078)
		41,500	12.2	10.75	9.30	4460	CH33-50/60C-F  <b>42J51</b> (0.078)
<b>10ACB48</b> 4 Ton (80 db)	<b>Horizontal Coils</b>	45,500	13.3	10.35	8.95	5075	CH33-44/48B-F  <b>42J54</b> (0.084)
		47,500	13.9	10.60	9.25	5130	CH33-50/60C-F  <b>42J54</b> (0.084)
<b>10ACB60</b> 5 Ton (80 db)	<b>Horizontal Coils</b>	57,000	16.7	10.50	9.10	6275	CH33-50/60C-F  <b>78L74</b> (0.093)

★Certified in accordance with USE certification program which is based on ARI Standard 210/240; 95°F (35°C) outdoor air temperature, 80°F (27°C) db / 67°F (19°C) wb entering evaporator air with 20 ft. (7.6 m) of connecting refrigerant lines.

\*Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

\*\*Furnished with 10ACB condensing unit.

## RATINGS - TXV

NOTE - Cooling capacities are gross and do not include indoor coil blower motor heat deduction.

NOTE - For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

### 10ACB36 — CH33-44/48B-F COOLING CAPACITY (TXV)

Entering Wet Bulb Temperat- ure	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1000	470	35.3	10.3	.27	.71	.84	.96	33.5	9.8	.29	.73	.87	.98	31.5	9.2	.31	.74	.89	1.00	29.6	8.7	.32	.77	.92	1.00
	1200	565	36.6	10.7	.28	.75	.89	1.00	34.6	10.1	3.03	.77	.92	1.00	32.6	9.6	3.21	.79	.95	1.00	30.6	9.0	3.38	.82	.97	1.00
	1400	660	37.5	11.0	.28	.79	.94	1.00	35.6	10.4	3.06	.81	.96	1.00	33.6	9.8	3.26	.83	.99	1.00	31.7	9.3	3.44	.86	.99	1.00
67°F (19°C)	1000	470	37.9	11.1	.28	.56	.68	.81	35.9	10.5	3.08	.57	.70	.83	33.8	9.9	3.27	.58	.72	.86	31.7	9.3	3.44	.59	.74	.88
	1200	565	39.0	11.4	.29	.58	.72	.86	36.9	10.8	3.12	.59	.74	.88	34.8	10.2	3.32	.60	.76	.91	32.5	9.5	3.49	.62	.79	.95
	1400	660	39.9	11.7	.29	.60	.76	.91	37.7	11.0	3.15	.62	.79	.94	35.5	10.4	3.35	.63	.81	.96	33.2	9.7	3.53	.65	.84	.99
71°F (22°C)	1000	470	40.6	11.9	.29	.42	.54	.66	38.5	11.3	3.19	.43	.55	.67	36.3	10.6	3.40	.43	.56	.69	34.1	10.0	3.58	.43	.57	.71
	1200	565	41.8	12.3	3.00	.43	.56	.70	39.5	11.6	3.23	.43	.57	.72	37.3	10.9	3.44	.44	.59	.74	34.9	10.2	3.63	.44	.60	.77
	1400	660	42.6	12.5	3.03	.44	.59	.74	40.3	11.8	3.26	.44	.60	.76	37.9	11.1	3.48	.45	.62	.78	35.5	10.4	3.66	.46	.64	.81

### 10ACB42 — CH33-44/48B-F COOLING CAPACITY (TXV)

Entering Wet Bulb Temperat- ure	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	40.4	11.8	.34	.72	.85	.97	38.9	11.4	3.55	.73	.87	.98	37.3	10.9	4.01	.74	.88	.99	35.5	10.4	4.56	.76	.91	1.00
	1400	660	41.4	12.1	.36	.75	.90	1.00	39.9	11.7	3.56	.77	.91	1.00	38.2	11.2	4.03	.78	.93	1.00	36.5	10.7	4.58	.80	.95	1.00
	1600	755	42.3	12.4	.37	.79	.94	1.00	40.7	11.9	3.58	.80	.96	1.00	39.0	11.4	4.05	.82	.97	1.00	37.3	10.9	4.60	.84	.99	1.00
67°F (19°C)	1200	565	43.0	12.6	.38	.57	.69	.82	41.3	12.1	3.59	.57	.70	.84	39.6	11.6	4.06	.58	.72	.85	37.8	11.1	4.61	.59	.73	.88
	1400	660	43.9	12.9	3.20	.58	.73	.87	42.2	12.4	3.61	.59	.74	.88	40.4	11.8	4.08	.60	.76	.90	38.5	11.3	4.63	.61	.78	.93
	1600	755	44.7	13.1	3.21	.60	.76	.91	42.9	12.6	3.62	.61	.78	.93	41.1	12.0	4.10	.62	.80	.95	39.1	11.5	4.65	.63	.82	.97
71°F (22°C)	1200	565	45.8	13.4	3.23	.43	.55	.67	44.0	12.9	3.64	.43	.55	.68	42.2	12.4	4.12	.43	.56	.69	40.3	11.8	4.67	.43	.57	.71
	1400	660	46.0	13.7	3.25	.43	.57	.70	44.9	13.2	3.66	.43	.58	.72	43.0	12.6	4.13	.44	.59	.73	41.0	12.0	4.70	.44	.60	.75
	1600	755	47.5	13.9	3.26	.44	.59	.74	45.6	13.4	3.67	.44	.60	.76	43.6	12.8	4.16	.45	.61	.77	41.6	12.2	4.71	.45	.62	.80

### 10ACB42 — CH33-50/60C-F COOLING CAPACITY (TXV)

Entering Wet Bulb Temperat- ure	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	41.3	12.1	3.03	.73	.87	.99	39.8	11.7	3.38	.74	.88	1.00	38.1	11.2	3.77	.75	.90	1.00	36.4	10.7	4.22	.77	.92	1.00
	1400	660	42.4	12.4	3.05	.76	.91	1.00	40.8	12.0	3.40	.78	.93	1.00	39.1	11.5	3.79	.79	.95	1.00	37.3	10.9	4.24	.81	.97	1.00
	1600	755	43.3	12.7	3.07	.80	.96	1.00	41.7	12.2	3.42	.81	.97	1.00	40.0	11.7	3.81	.83	.99	1.00	38.3	11.2	4.26	.85	.99	1.00
67°F (19°C)	1200	565	44.0	12.9	3.08	.57	.70	.83	42.3	12.4	3.43	.57	.71	.85	40.5	11.9	3.82	.58	.73	.87	38.7	11.3	4.27	.59	.74	.89
	1400	660	45.0	13.2	3.10	.59	.74	.88	43.2	12.7	3.44	.60	.75	.90	41.4	12.1	3.84	.61	.77	.92	39.4	11.5	4.29	.62	.78	.94
	1600	755	45.7	13.4	3.11	.61	.78	.93	43.9	12.9	3.46	.62	.79	.95	42.0	12.3	3.85	.63	.81	.96	40.0	11.7	4.31	.64	.83	.99
71°F (22°C)	1200	565	46.9	13.7	3.13	.43	.55	.68	45.1	13.2	3.48	.43	.56	.69	43.2	12.7	3.88	.43	.57	.70	41.2	12.1	4.34	.43	.58	.72
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## RATINGS - TXV

NOTE - Cooling capacities are gross and do not include indoor coil blower motor heat deduction.

NOTE - For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

### 10ACB48 — CH33-50/60C-F COOLING CAPACITY (TXV)

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	47.6	14.0	3.54	.73	.87	.99	45.8	13.4	3.94	.74	.89	1.00	43.9	12.9	4.41	.76	.91	1.00	41.9	12.3	4.95	.78	.93	1.00
	1600	755	48.6	14.2	3.56	.77	.92	1.00	46.8	13.7	3.97	.78	.93	1.00	44.9	13.2	4.44	.79	.95	1.00	42.8	12.5	4.98	.81	.97	1.00
	1800	850	49.5	14.5	3.58	.79	.95	1.00	47.7	14.0	3.99	.81	.97	1.00	45.8	13.4	4.46	.83	.98	1.00	43.7	12.8	5.00	.85	1.00	1.00
67°F (19°C)	1400	660	50.5	14.8	3.60	.57	.71	.84	48.6	14.2	4.01	.58	.72	.86	46.6	13.7	4.49	.59	.74	.88	44.3	13.0	5.03	.60	.75	.90
	1600	755	51.4	15.1	3.63	.59	.74	.88	49.5	14.5	4.04	.60	.76	.90	47.3	13.9	4.52	.61	.77	.92	45.1	13.2	5.05	.62	.79	.95
	1800	850	52.2	15.3	3.64	.61	.77	.92	50.2	14.7	4.06	.62	.79	.94	48.0	14.1	4.53	.63	.81	.96	45.7	13.4	5.07	.64	.83	.98
71°F (22°C)	1400	660	53.8	15.8	3.68	.43	.56	.68	51.8	15.2	4.10	.43	.56	.70	49.6	14.5	4.58	.43	.57	.71	47.2	13.8	5.13	.44	.58	.73
	1600	755	54.7	16.0	3.70	.44	.58	.72	52.6	15.4	4.13	.44	.59	.73	50.3	14.7	4.61	.44	.60	.75	47.9	14.0	5.15	.44	.61	.77
	1800	850	55.4	16.2	3.72	.44	.60	.75	53.3	15.6	4.14	.44	.61	.77	51.0	14.9	4.62	.45	.62	.79	48.5	14.2	5.17	.45	.63	.81

### 10ACB60 — CH33-50/60C-F COOLING CAPACITY (TXV)

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	56.8	16.6	4.57	.71	.85	.96	54.8	16.1	5.07	.72	.86	.97	52.7	15.4	5.66	.73	.87	.99	50.7	14.9	6.34	.74	.89	1.00
	1800	850	57.9	17.0	4.61	.74	.88	.99	55.8	16.4	5.11	.75	.89	1.00	53.7	15.7	5.69	.76	.91	1.00	51.6	15.1	6.38	.77	.93	1.00
	2000	945	58.9	17.3	4.64	.76	.91	1.00	56.7	16.6	5.14	.77	.93	1.00	54.6	16.0	5.73	.79	.94	1.00	52.5	15.4	6.42	.80	.96	1.00
67°F (19°C)	1600	755	60.4	17.7	4.68	.56	.69	.81	58.2	17.1	5.19	.57	.70	.83	56.0	16.4	5.79	.57	.71	.84	53.8	15.8	6.48	.58	.72	.86
	1800	850	61.4	18.0	4.72	.57	.71	.85	59.2	17.3	5.23	.58	.72	.86	56.9	16.7	5.82	.59	.74	.88	54.6	16.0	6.51	.60	.75	.90
	2000	945	62.2	18.2	4.75	.59	.74	.88	59.9	17.6	5.26	.60	.75	.90	57.6	16.9	5.85	.60	.77	.91	55.3	16.2	6.55	.61	.78	.93
71°F (22°C)	1600	755	64.2	18.8	4.82	.42	.54	.66	61.9	18.1	5.33	.43	.55	.67	59.5	17.4	5.94	.43	.56	.69	57.2	16.8	6.64	.43	.56	.70
	1800	850	65.2	19.1	4.85	.43	.56	.69	62.9	18.4	5.37	.43	.56	.70	60.4	17.7	5.98	.43	.57	.71	58.1	17.0	6.67	.44	.58	.73
	2000	945	66.0	19.3	4.88	.43	.57	.72	63.6	18.6	5.40	.44	.58	.73	61.2	17.9	6.00	.44	.59	.74	58.7	17.2	6.71	.44	.60	.76

## RATINGS - RFC

NOTE - Cooling capacities are gross and do not include indoor coil blower motor heat deduction.

NOTE - For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

### 10ACB36 — CH33-44/48B-F COOLING CAPACITY (RFC)

Entering Wet Bulb Tempera- ture	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW Input		Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtu/h	kW	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	40.4	11.8	3.16	.72	.85	.97	38.9	11.4	3.57	.73	.87	.98	37.3	10.9	4.03	.74	.88	.99	35.5	10.4	4.58	.76	.91	1.00
	1400	660	41.4	12.1	3.17	.75	.90	1.00	39.9	11.7	3.58	.77	.91	1.00	38.2	11.2	4.06	.78	.93	1.00	36.5	10.7	4.61	.80	.95	1.00
	1600	755	42.3	12.4	3.19	.79	.94	1.00	40.7	11.9	3.60	.80	.96	1.00	39.0	11.4	4.07	.82	.97	1.00	37.3	10.9	4.62	.84	.99	1.00
67°F (19°C)	1200	565	43.0	12.6	3.20	.57	.69	.82	41.3	12.1	3.61	.57	.70	.84	39.6	11.6	4.08	.58	.72	.85	37.8	11.1	4.63	.59	.73	.88
	1400	660	43.9	12.9	3.22	.58	.73	.87	42.2	12.4	3.63	.59	.74	.88	40.4	11.8	4.11	.60	.76	.90	38.5	11.3	4.66	.61	.78	.93
	1600	755	44.7	13.1	3.23	.60	.76	.91	42.9	12.6	3.64	.61	.78	.93	41.1	12.0	4.12	.62	.80	.95	39.1	11.5	4.67	.63	.82	

## RATINGS - RFC

NOTE - Cooling capacities are gross and do not include indoor coil blower motor heat deduction.

NOTE - For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

### 10ACB42 — CH33-50/60C-F COOLING CAPACITY (RFC)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1200	565	41.3	12.1	3.05	.73	.87	.99	39.8	11.7	3.40	.74	.88	1.00	38.1	11.2	3.79	.75	.90	1.00	36.4	10.7	4.24	.77	.92	1.00
	1400	660	42.4	12.4	3.07	.76	.91	1.00	40.8	12.0	3.42	.78	.93	1.00	39.1	11.5	3.82	.79	.95	1.00	37.3	10.9	4.26	.81	.97	1.00
	1600	755	43.3	12.7	3.09	.80	.96	1.00	41.7	12.2	3.44	.81	.97	1.00	40.0	11.7	3.83	.83	.99	1.00	38.3	11.2	4.28	.85	1.00	1.00
67°F (19°C)	1200	565	44.0	12.9	3.10	.57	.70	.83	42.3	12.4	3.45	.57	.71	.85	40.5	11.9	3.85	.58	.73	.87	38.7	11.3	4.29	.59	.74	.89
	1400	660	45.0	13.2	3.12	.59	.74	.88	43.2	12.7	3.46	.60	.75	.90	41.4	12.1	3.86	.61	.77	.92	39.4	11.5	4.31	.62	.79	.94
	1600	755	45.7	13.4	3.13	.61	.78	.93	43.9	12.9	3.48	.62	.79	.95	42.0	12.3	3.88	.63	.81	.96	40.0	11.7	4.33	.64	.83	.99
71°F (22°C)	1200	565	46.9	13.7	3.14	.43	.55	.68	45.1	13.2	3.50	.43	.56	.69	43.2	12.7	3.90	.43	.57	.70	41.2	12.1	4.36	.43	.58	.72
	1400	660	47.9	14.0	3.16	.43	.57	.71	46.0	13.5	3.52	.44	.58	.73	44.0	12.9	3.92	.44	.59	.75	42.0	12.3	4.38	.45	.60	.76
	1600	755	48.6	14.2	3.18	.44	.60	.75	46.7	13.7	3.53	.45	.61	.77	44.7	13.1	3.93	.45	.62	.79	42.5	12.5	4.39	.46	.64	.81

### 10ACB48 — CH33-44/48B-F COOLING CAPACITY (RFC)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1400	660	45.7	13.4	3.64	.73	.88	.99	44.0	12.9	4.06	.74	.89	1.00	42.3	12.4	4.54	.76	.91	1.00	40.4	11.8	5.09	.78	.93	1.00
	1600	755	46.7	13.7	3.66	.77	.91	1.00	45.0	13.2	4.08	.78	.93	1.00	43.2	12.7	4.57	.79	.95	1.00	41.2	12.1	5.12	.81	.97	1.00
	1800	850	47.5	13.9	3.68	.79	.95	1.00	45.8	13.4	4.11	.81	.97	1.00	44.0	12.9	4.59	.83	.98	1.00	42.1	12.3	5.15	.85	.97	1.00
67°F (19°C)	1400	660	48.5	14.2	3.70	.57	.71	.84	46.7	13.7	4.13	.58	.72	.86	44.8	13.1	4.61	.59	.73	.88	42.7	12.5	5.17	.60	.75	.90
	1600	755	49.3	14.4	3.73	.59	.74	.89	47.5	13.9	4.15	.60	.76	.90	45.5	13.3	4.64	.61	.77	.92	43.4	12.7	5.21	.62	.79	.94
	1800	850	50.0	14.7	3.74	.61	.77	.92	48.1	14.1	4.17	.62	.79	.94	46.1	13.5	4.66	.63	.81	.96	43.9	12.9	5.23	.64	.83	.98
71°F (22°C)	1400	660	51.5	15.1	3.78	.43	.56	.69	49.6	14.5	4.21	.43	.56	.70	47.6	14.0	4.71	.43	.57	.71	45.4	13.3	5.27	.44	.58	.73
	1600	755	52.4	15.4	3.80	.43	.58	.72	50.4	14.8	4.24	.44	.59	.73	48.4	14.2	4.73	.44	.60	.75	46.1	13.5	5.30	.44	.61	.77
	1800	850	53.0	15.5	3.82	.44	.60	.75	51.1	15.0	4.25	.44	.61	.77	48.9	14.3	4.75	.45	.62	.78	46.5	13.6	5.32	.45	.63	.81

### 10ACB48 — CH33-50/60C-F COOLING CAPACITY (RFC)

Entering Wet Bulb Temperature	Total Air Volume	Outdoor Air Temperature Entering Outdoor Coil																								
		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)						
		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Comp Motor kW		Sensible To Total Ratio (S/T) Dry Bulb		
cfm	L/s	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C	kBtuh	kW	75°F 24°C	80°F 27°C	85°F 29°C
63°F (17°C)	1600	755	56.8	16.6	4.59	.71	.85	.96	54.8	16.1	5.09	.72	.86	.97	52.7	15.4	5.68	.73	.87	.99	50.7	14.9	6.36	.74	.89	1.00
	1800	850	57.9	17.0	4.62	.74	.88	.99	55.8	16.4	5.13	.75	.89	1.00	53.7	15.7	5.71	.76	.91	1.00	51.6	15.1	6.41	.77	.93	1.00
	2000	945	58.9	17.3	4.66	.76	.91	1.00	56.7	16.6	5.16	.77	.93	1.00	54.6	16.0	5.75	.79	.94	1.00	52.5	15.4	6.44	.80	.96	1.00
67°F (19°C)	1600	755	60.4	17.7	4.70	.56	.69	.81	58.2	17.1	5.21	.57	.70	.83	56.0	16.4	5.81	.57	.71	.84	53.8	15.8	6.50	.58	.72	.86
	1800	850	61.4	18.0	4.74	.57	.71	.85	59.2	17.3	5.25	.58	.72	.86	56.9	16.7	5.84	.59	.74	.88	54.6	16.0	6.54	.60	.75	.90
	2000	945	62.2	18.2	4.77	.59	.74	.88	59.9	17.6	5.28	.60	.75	.90	57.6	16.9	5.87	.60	.77	.91	55.3	16.2	6.58	.61	.78	.93
71°F (22°C)	1600	755	64.2	18.8	4.83	.42	.54	.66	61.9	18.1	5.35	.43	.55	.67	59.5	17.4	5.96	.43	.56	.69	57.2	16.8	6.67	.43	.56	.70
	1800																									