

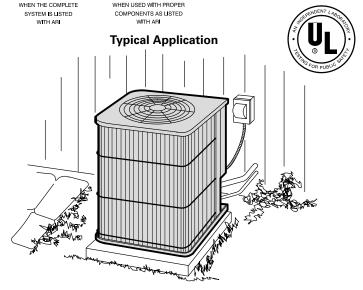
CONDENSING UNITS RFC II™ SYSTEMS 10.05 to 10.30 SEER *12,300 to 62,500 Btuh Cooling Capacity (1 thru 5 Nominal Tons)

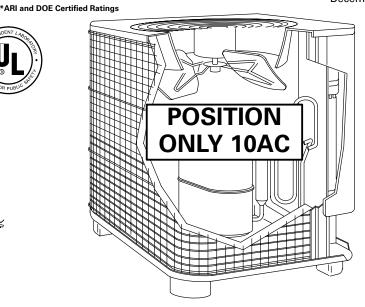
10AC DIPLOMAT™

CONDENSING UNITS

Bulletin No. 480194 December 1992

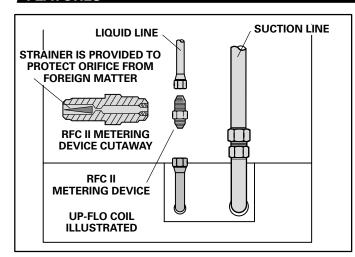






SERIES

FEATURES



Refrigerant Flow Control II (RFC II) - RFC II is a very accurate means of metering refrigerant in a system. Refrigerant metering control is accomplished by the exact sizing of a RFC II refrigerant metering device. The whole principle of the RFC system involves the matching evaporator coil, and the proper bore sizing of the orifices (primary and secondary) within the metering device. RFC II metering device is furnished with the condensing unit. RFC II system equalizes pressure almost instantly after the compressor stops. Therefore, unit starts unloaded, eliminating the need for any additional controls.

Application - 10AC series RFC II model condensing units feature high efficiency with minimum operating sound levels. Extra large condensing coil, coil circuiting and high condenser air volume result in high SEER's. Units are applicable to RFC II systems only and may be installed at ground level or on a roof. Units match up to a variety of blower powered or add-on evaporators for a wide selection of cooling capacities for selective sizing and application versatility. For evaporator unit data, see tab Coils — Blower Coil Units in this section. Units are shipped completely assembled, piped and wired. Each unit is test operated at the factory to insure proper operation. Installer has only to set unit in desired location, connect refrigerant lines and make electrical connections to complete a low cost installation.

Approvals — Condensing units have been tested and rated according to U.S. Department of Energy (DOE) test procedures and in accordance with ARI Standard 210/240-89. Units have been sound rated in a reverberant sound test room in accordance with ARI Standard 270-84. Condensing units and components within are bonded for grounding to meet safety standards for servicing required by U.L. and N.E.C. Units are also U.L. listed.

Equipment Warranty - Compressor has a limited warranty for five years. All other components have a limited warranty for one year. Refer to the Equipment Limited Warranty certificate included with the

Weather Resistant Cabinet and Base Section - Heavy gauge galvanized steel cabinet and base section are subjected to a five station metal wash process prior to a finish coat application of baked-on outdoor enamel. Attractive enamel finish provides the cabinet and base section with long lasting protection from rust and corrosion. Drainage holes are provided in the base section for moisture removal. High density polyethylene base supports raise the unit off of the mounting surface away from damaging moisture.

Accessible Control Box — Conveniently located for easy access. All controls are pre-wired at the factory.

Copper Tube/Enhanced Fin Coil — Condenser coil is constructed of precisely spaced ripple-edged aluminum fins machine fitted to seamless copper tubes. Four-sided wrap-around coil configuration provides extra large surface area with low air resistance. Lanced fins provide maximum exposure of the fin surface to air stream resulting in excellent heat transfer. Fins are equipped with collars that grip the tubing for maximum contact area. Precise circuiting provides uniform refrigerant distribution for high efficiency. Flared shoulder tubform refrigerant distribution for high efficiency. Flared shoulder tubing connections and silver soldering result in tight, leakproof joints. Long-life copper tubing is corrosion-resistant and easy to field service. Coil is factory tested under high pressure to insure leakproof construction. Entire coil is accessible for cleaning. Corrosion-resistant PVC (polyvinyl chloride) coated steel wire condenser coil guard is furnished as standard.

Refrigerant Line Connections, Electrical Inlets and Service Valves — Suction and liquid line connections are located outside of the unit cabinet and are made with sweat connections. Fully serviceable brass service valves prevent corrosion and provide easy access to refrigerant system. Suction valve can be fully shut off, while the liquid valve may be backseated to manage refrigerant charge while servicing the system. Field installed thermometer well is furnished for installation in the liquid line. Valves and gauge ports are accessible outside of the unit cabinet. See dimension drawing.

FEATURES (Continued)

Dependable and Quiet Compressor - Compressor is hermetically sealed and provides trouble-free operation and long service life. Builtin protection devices assure protection from excessive current and temperatures. Refrigeration cooled and overload protected. 10AC12 is equipped with a rotary compressor. 10AC42, 10AC48 and 10AC60 models are furnished with a crankcase heater as standard equipment to ensure proper compressor lubrication. Heater is temperature actuated to operate only when required. The compressor components are spring mounted within the sealed housing. In addition, the compressor is installed in the unit on resilient rubber mounts for quiet and vibration free operation. Muffler, factory installed in discharge line, reduces operating sound levels on 10AC36, 10AC42, 10AC48 and 10AC60 models.

Powerful Condenser Fan - Efficient direct drive fan moves large air volumes uniformly through the entire condenser coil resulting in high refrigerant cooling capacity. Vertical discharge of air minimizes operating sounds and eliminates hot air damage to lawn and shrubs. Fan motor is inherently protected and totally enclosed for maximum protection from weather, dust and corrosion. Rain shield on motor provides additional protection from moisture. Fan service access is provided by removal of the fan guard. Corrosion-resistant PVC (polyvinyl chloride) coated steel wire fan guard is furnished as standard with unit.

OPTIONAL EQUIPMENT (Must Be Ordered Extra)

Crankcase Heater (Optional) - Available for 10AC18 thru 10AC42 models. Crankcase heaters P-8-8852 (68887) are not furnished and must be ordered extra. Heater prevents migration of liquid refrigerant into the compressor and ensures proper compressor lubrication. 10AC42, 10AC48 and 10AC60 model compressors are equipped with crankcase heaters furnished as standard.

Timed-Off Control (Optional) - Timed-Off Control LB-50709BA (32F21) is available for field installation. Prevents compressor shortcycling and also allows time for suction and discharge pressure to equalize, permitting the compressor to start in an unloaded condition. Automatic reset control provides a time delay between compressor shutoff and start-up. Furnished as standard with 10AC60 model.

Thermostat (Optional) - Thermostat is not furnished with the unit and must be ordered extra. See Thermostats bulletin in Accessories Section.

Mounting Base (Optional) - Mounting base provides a permanent foundation for condensing units. High density polyethylene structural material is lightweight, sturdy, sound absorbing and will withstand the effects of sun, heat, cold, moisture, oil and refrigerant. Will not mildew or decompose. Can be shipped singly or in packages of six to a carton. Use MB1-24 (78H50) 32" x 34" x 3", shipping weight 15 lbs.

Refrigerant Line Kits (Optional) - Lines are available in several lengths. See Refrigerant Line Kit table. Lines (suction and liquid) are shipped refrigeration clean. Lines are cleaned, dried and pressurized and sealed at the factory. Suction line is fully insulated. Lines are furnished with a flare fitting (evaporator unit connection) at one end and stubbed (no fitting) at the opposite end for connection to condensing unit.

SPECIFICATIONS

	Model No.	_	10AC12	10AC18	10AC24	10AC30
	Not foce area (or, ft.)	Outer coil	12.60	12.60	12.60	14.70
Condenser	Net face area (sq. ft.)	Inner coil				
Coil	Tube diameter (in.) & no	. of rows	3/8 — 1	3/8 — 1	3/8 — 1	3/8 — 1
	Fins per inch		20	20	20	20
	Diameter (in.) & no. of bl	lades	20 — 3	20 — 3	20 — 3	20 — 3
	Motor hp		1/6	1/6	1/6	1/6
Condenser Fan	Cfm		2500	2500	2500	2700
1	Rpm		850	850	850	850
	Watts		200	200	200	205
*Refrigerant	: — 22 charge furnished		4 lbs. 4 oz.	4 lbs. 12 oz.	5 lbs. 5 oz.	5 lbs. 9 oz.
Liquid line (o.d. in.) connection (sweat	t)	**3/8	***3/8	***3/8	3/8
Suction line	(o.d. in.) connection (swe	at)	1/2	5/8	5/8	3/4
Shipping we	eight (lbs.) 1 package		121	153	154	168

^{*}Refrigerant charge sufficient for 20 ft. length of refrigerant lines.

SPECIFICATIONS

	Model No.		10AC36	10AC42	10AC48	10AC60
	Not foco area (or, ft.)	Outer coil	14.70	14.70	20.00	20.00
Condenser	Net face area (sq. ft.)	Inner coil		9.80		15.40
Coil	Tube diameter (in.) & no.	of rows	3/8 — 1	3/8 — 1.67	3/8 — 1	3/8 — 1.77
	Fins per inch		20	20	20	20
	Diameter (in.) & no. of bl	ades	20 — 3	20 — 3	24 — 4	24 — 4
	Motor hp		1/6	1/6	1/4	1/4
Condenser Fan	Cfm		2700	2450	3900	4000
	Rpm		840	840	835	830
	Watts		205	210	340	355
*Refrigerant	t — 22 charge furnished		5 lbs. 12 oz.	9 lbs. 3 oz.	8 lbs. 13 oz.	11 lbs. 2 oz.
Liquid line (o.d. in.) connection (sweat	:)	3/8	3/8	3/8	3/8
Suction line	(o.d. in.) connection (swe	at)	3/4	7/8	7/8	1-1/8
Shipping we	eight (lbs.) 1 package		182	223	238	271

^{*}Refrigerant charge sufficient for 20 ft. length of refrigerant lines.

^{**}Furnished with 3/8" x 1/4" reducer adaptor for refrigerant line connections.
***Furnished with 3/8" x 5/16" reducer adaptor for refrigerant line connections

Condensing	●AR	l Standard	210/240 Rati	ings	Eva	porator Unit	
Unit Model No. *ARI Standard 270 SRN (bels)	SEER (Btuh/ Watts)	EER (Btuh/ Watts)	Cooling Capacity (Btuh)	Total Unit Watts	Up-Flo	Down-Flo	Horizontal
	10.30	10.00	12,300	1230	**CB18-21		**CBS18-21
10AC12 (7.4)	10.30	10.00	12,400	1230	C16-21FF/FC	CR16-21FF	
(7.4)	10.30	10.20	12,600	1235			CH16-21FF
	10.05	9.85	18,600	1890	C16-21FF/FC	CR16-21FF	
10AC18 (7.6)	10.05	10.15	19,000	1870	**CB18-21		**CBS18-21
(7.0)	10.05	10.00	19,000	1895			CH16-21FF
	10.05	9.35	23,600	2520	**CB18-26		**CBS18-26
10AC24 (7.6)	10.05	9.50	23,800	2505	C16-31FF/FC, C16-31WFF/FC	CR16-31FF	CH16-31FF
(7.0)	10.05	9.50	24,000	2520	C16-28FF/FC, C16-28WFF/FC		
	10.05	9.40	28,600	3050	C16-31FF/FC, C16-31WFF/FC	CR16-31FF	
10AC30	10.05	9.45	29,000	3065	C16-28FF/FC, C16-28WFF/FC		
(7.6)	10.05	9.50	29,200	3070			CH16-31FF
	10.05	9.60	29,400	3060	**CB18-31		**CBS18-31
	10.05	9.60	36,000	3740	C16-41FF/FC, C16-41WFF/FC	CR16-41FF	
10AC36 (7.6)	10.05	9.65	36,200	3750	**CB18-41		**CBS18-41
(7.0)	10.05	9.80	37,000	3780			CH16-41FF
	10.05	9.40	41,500	4410	C16-41FF/FC, C16-41WFF/FC	CR16-41FF	
10AC42	10.05	9.55	41,500	4345	**CB18-41		**CBS18-41
(8.0)	10.05	9.45	42,000	4435	C16-46FF/FC, C16-46WFF/FC		
	10.05	9.55	42,500	4455			CH16-41FF
	10.05	9.00	48,500	5405	C16-51FF/FC	CR16-51FF	
10AC48 (8.0)	10.05	9.10	49,500	5440	**CB18-51		**CBS18-51
(0.0)	10.05	9.15	50,000	5470			CH20-51
	10.05	9.45	60,000	6345	C16-65, C16-65FC	CR16-65	
10AC60 (8.2)	10.05	9.60	62,000	6410	**CB18-65		**CBS18-65
(0.2)	10.05	9.70	62,500	6445			CH20-65

[•] Rated in accordance with ARI Standard 210/240 and DOE; 95°F outdoor air temperature, 80°F db / 67°F wb entering evaporator air with 20 ft. of connecting refrigerant lines.

* Sound Rating Number in accordance with ARI Standard 270.

** Blower powered evaporator.

REFRIGE	RANT LINE I	KITS		
Condensing Unit Model No.	Line Set Model No.	Length of Suct. & Liq. lines (ft.)	Liquid Line (o.d. in.)	Suction Line (o.d. in.)
**10AC12	*Not available		**3/8	1/2
	L10-21-20	20	**3/8	5/8
**10AC18	L10-21-25	25	**3/8	5/8
**10AC24	L10-21-35	35	**3/8	5/8
	L10-21-50	50	**3/8	5/8
	L10-41-20	20	3/8	3/4
10AC30	L10-41-30	30	3/8	3/4
10AC36	L10-41-40	40	3/8	3/4
	L10-41-50	50	3/8	3/4
101010	L10-65-30	30	3/8	7/8
10AC42 10AC48	L10-65-40	40	3/8	7/8
	L10-65-50	50	3/8	7/8
10AC60	*Not available		3/8	1-1/8

^{*}Field fabricate.

**10AC12, 10AC18 & 10AC24 units will accept 3/8" liquid lines. Adaptors are furnished with condensing units allowing use with 1/4" liquid line (10AC12) and 5/16" liquid line (10AC18 & 10AC24).

ELECTRICAL DATA

	Model No.	10AC12	10AC18	10AC24	10AC30
Line voltage dat	а	208/230v 60hz-1ph	208/230v 60hz-1ph	208/230v 60hz-1ph	208/230v 60hz-1ph
	Rated load amps	5.0	8.6	9.8	12.2
Compressor	Power factor	.97	.97	.96	.99
	Locked rotor amps	26.3	49.0	56.0	71.0
Condenser Coil	Full load amps	1.1	1.1	1.1	1.1
Fan Motor	Locked rotor amps	1.7	1.7	1.7	1.7
Rec. max. fuse o	r circuit breaker size (amps)	15	20	20	25
*Minimum circu	it ampacity	7.4	12.0	13.4	16.4

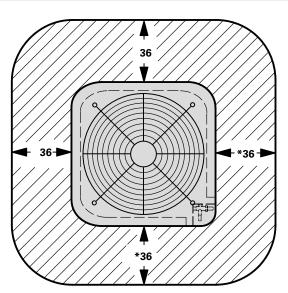
^{*}Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

ELECTRICAL DATA

	Model No.	10AC36	10AC42	10AC48	10AC60
Line voltage dat	a — 60 hz	208/230v 60hz-1ph	208/230v 1ph	208/230v 1ph	208/230v 1ph
	Rated load amps	16.3	22.0	22.5	30.8
Compressor	Power factor	.99	.99	.97	.98
	Locked rotor amps	86.7	105.0	110.0	147.0
Condenser Coil	Full load amps	1.1	1.1	1.7	1.7
Fan Motor	Locked rotor amps	1.7	1.7	3.1	3.1
Rec. max. fuse o	r circuit breaker size (amps)	35	50	50	60
*Minimum circu	it ampacity	21.5	28.6	30.0	40.2

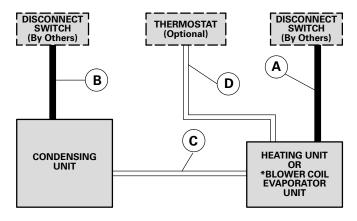
^{*}Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements. NOTE — Extremes of operating range are plus 10% and minus 5% of line voltage.

INSTALLATION CLEARANCES (inches)



NOTE—48 inch clearance required on top of unit. *NOTE—One side must be 36 inches for service. Two of the remaining three sides may be 12 inches.

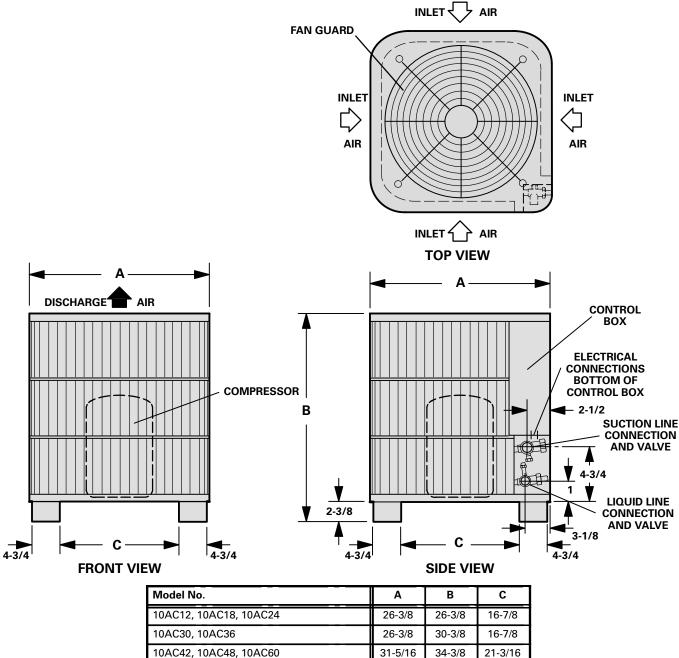
 $[\]ensuremath{\mathsf{NOTE}}-\mathsf{Extremes}$ of operating range are plus 10% and minus 5% of line voltage.



- A Two Wire Power (not furnished)
- B Two or Three Wire Power (not furnished) See Electrical Data
- C Two Wire Low Voltage (not furnished) 18 ga. minimum
- D-Four Wire Low Voltage (not furnished) 18 ga. minimum

All wiring must conform to NEC and local electrical codes.

DIMENSIONS (inches)



	ш	•	•		- 1	•
				_	_	
_						

10AC12 WITH CB18-21 OR CBS18-21 EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ure E	ntering	Condens	ser Co	oil (°F)					\Box
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap.	Comp. Motor Watts	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap.	Comp. Motor Watts	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap.	Comp. Motor Watts	T Ra	ensil o Tot tio (S Bulb	al S/T)	Total Cool. Cap.	Comp. Motor Watts	To Rat	ensib o Tota tio (S Bulb	al /T)
		(Btuh)	Input	75	80	85	(Btuh)	Input	75	80	85	(Btuh)	Input	75	80	85	(Btuh)	Input	75	80	85
	350	11,600	740	.73	.86	.97	12,000	830	.74	.87	.99	11,500	920	.75	.89	1.00	11,100	1010	.76	.92	1.00
63	450	12,300	750	.78	.93	1.00	12,700	840	.79	.94	1.00	12,300	930	.80	.96	1.00	11,800	1020	.82	.98	1.00
	550	12,900	760	.82	.98	1.00	13,300	850	.84	1.00	1.00	12,800	940	.86	1.00	1.00	12,300	1030	.89	1.00	1.00
	350	12,200	750	.58	.70	.82	12,600	840	.59	.71	.84	12,200	930	.59	.73	.85	11,700	1020	.60	.74	.87
67	450	13,000	760	.61	.75	.89	13,400	850	.62	.77	.92	12,800	940	.63	.78	.93	12,300	1030	.64	.80	.95
	550	12,600	760	.64	.80	.95	13,900	860	.65	.82	.97	13,300	950	.66	.84	.99	12,800	1040	.67	.85	1.00
	350	12,800	760	.44	.56	.68	13,200	850	.44	.57	.69	12,700	940	.45	.58	.70	12,200	1030	.45	.59	.71
71	450	13,600	770	.45	.60	.73	14,000	860	.46	.60	.74	13,500	950	.46	.61	.76	12,900	1040	.47	.62	.77
	550	14,200	780	.47	.63	.78	14,600	870	.47	.64	.80	14,000	960	.48	.65	.81	13,400	1050	.48	.66	.83

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC12 WITH C16-21FF/FC OR CR16-21FF EVAPORATOR UNIT

							Out	door Air	r Tem	perat	ure E	ntering	Condens	ser Co	oil (°F)					\neg
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	tal S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al i/T)
3		(Dtail)	mpat	75	80	85	(Dtail)	mpat	75	80	85	(Dtail)	mput	75	80	85	(Dtail)	mpat	75	80	85
	350	11,800	740	.74	.87	.98	12,200	830	.75	.89	1.00	11,700	920	.76	.91	1.00	11,300	1010	.77	.92	1.00
63	450	12,500	750	.79	.94	1.00	12,900	840	.80	.96	1.00	12,400	930	.82	.97	1.00	11,900	1020	.84	.99	1.00
	550	13,000	760	.84	.99	1.00	13,400	850	.86	1.00	1.00	13,000	940	.88	1.00	1.00	12,500	1030	.91	1.00	1.00
	350	12,400	750	.58	.71	.84	12,800	840	.59	.72	.85	12,300	930	.60	.74	.87	11,800	1010	.61	.75	.89
67	450	13,000	760	.62	.77	.91	13,500	850	.63	.78	.93	13,000	940	.64	.80	.95	12,400	1030	.64	.81	.96
	550	13,600	760	.65	.82	.97	14,000	860	.66	.84	.99	13,400	950	.67	.86	1.00	12,800	1030	.68	.88	1.00
	350	12,900	750	.44	.57	.69	13,300	850	.44	.58	.70	12,800	940	.45	.58	.71	12,300	1020	.45	.59	.72
71	450	13,700	760	.46	.60	.74	14,100	860	.46	.61	.76	13,500	950	.46	.62	.77	13,000	1040	.47	.63	.79
	550	14,200	770	.47	.64	.80	14,600	870	.47	.65	.81	14,000	960	.48	.66	.83	13,400	1040	.48	.67	.85

 ${\sf NOTE-All}$ values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC12 WITH CH16-21FF EVAPORATOR UNIT

						•						CITAL									
							Out	door Ai	r Tem	pera	ture E	ntering	Condens	ser Co	oil (°F	•)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensik o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensil o Tot tio (S Bulb	tal S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al 5/T)
		(Btuil)	input	75	80	85	(Dtail)	iliput	75	80	85	(Btuil)	mput	75	80	85	(Btuil)	input	75	80	85
	350	11,800	740	.72	.85	.97	12,300	830	.73	.87	.98	11,800	920	.74	.88	1.00	11,300	1010	.76	.90	1.00
63	450	12,600	750	.77	.92	1.00	13,000	840	.78	.94	1.00	12,500	930	.81	.95	1.00	12,000	1020	.82	.97	1.00
	550	13,100	760	.83	.98	1.00	13,600	850	.84	.99	1.00	13,000	940	.86	1.00	1.00	12,500	1030	.87	1.00	1.00
	350	12,600	750	.57	.70	.81	13,000	840	.58	.71	.83	12,500	930	.59	.72	.85	12,000	1020	.59	.73	.87
67	450	13,300	760	.60	.75	.89	13,700	850	.61	.76	.90	13,200	940	.62	.77	.92	12,600	1030	.63	.80	.94
	550	13,800	770	.63	.81	.95	14,300	860	.64	.82	.97	13,700	950	.65	.83	.98	13,100	1040	.66	.85	1.00
	350	13,300	760	.44	.56	.67	13,800	860	.44	.56	.68	13,200	940	.44	.57	.69	12,700	1030	.45	.58	.70
71	450	14,100	770	.45	.59	.72	14,500	870	.45	.60	.73	13,900	950	.46	.61	.75	13,300	1040	.46	.62	.77
	550	14,500	780	.46	.62	.77	15,000	870	.47	.63	.80	14,400	960	.47	.64	.81	13,800	1050	.48	.65	.83

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC18 WITH C16-21FF/FC OR CR16-21FF EVAPORATOR UNIT

							Out	door Ai	r Tem	pera	ture E	ntering	Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensib o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Ra	ensib o Tota tio (S Bulb	al 5/T)
550		(Btuil)	input	75	80	85	(Dtail)	iliput	75	80	85	(Btuil)	IIIput	75	80	85	(Dtuil)	input	75	80	85
	550	17,700	1260	.74	.88	.99	17,600	1400	.76	.90	1.00	16,600	1490	.78	.93	1.00	15,500	1580	.80	.95	1.00
63	650	18,400	1280	.77	.92	1.00	18,300	1410	.79	.94	1.00	17,300	1510	.82	.97	1.00	16,200	1600	.84	.99	1.00
	750	18,900	1290	.81	.96	1.00	18,900	1430	.83	.98	1.00	17,800	1520	.85	1.00	1.00	16,700	1620	.88	1.00	1.00
	550	18,700	1280	.59	.72	.84	18,600	1420	.60	.73	.86	17,500	1520	.61	.75	.89	16,400	1610	.62	.77	.92
67	650	19,300	1290	.61	.75	.89	19,300	1440	.62	.77	.91	18,100	1530	.63	.79	.93	17,000	1630	.65	.82	.96
	750	19,900	1300	.63	.78	.93	19,800	1450	.64	.80	.95	18,600	1550	.65	.83	.97	17,400	1640	.67	.86	1.00
	550	19,500	1300	.44	.57	.69	19,400	1440	.45	.58	.71	18,400	1540	.45	.59	.73		1640	.46	.61	.75
71	650	20,300	1310	.45	.59	.73	20,200	1450	.46	.60	.74	19,000	1560	.46	.62	.76	17,800	1660	.47	.63	.79
	750	20,800	1320	.46	.61	.76	20,800	1460	.46	.63	.78	19,600	1570	.47	.64	.80	18,300	1670	.48	.66	.83

10AC18 WITH CB18-21 OR CBS18-21 EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering (Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al i/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib Tota tio (S Bulb	al /T)
	550	(Btuil)	iliput	75	80	85	(Btuil)	iliput	75	80	85	(Dtuil)	iliput	75	80	85	(Btuil)	input	75	80	85
	550	17,800	1260	.73	.86	.98	17,700	1400	.75	.88	.99	16,600	1490	.77	.92	1.00	15,600	1580	.79	.94	1.00
63	650	18,500	1280	.76	.91	1.00	18,400	1420	.78	.93	1.00	17,400	1510	.80	.95	1.00	16,300	1600	.83	.98	1.00
	750	19,000	1290	.79	.94	1.00	19,000	1430	.81	.96	1.00	18,000	1530	.83	.99	1.00	16,800	1620	.86	1.00	1.00
	550	18,800	1280	.58	.71	.83	18,700	1420	.59	.72	.85	17,700	1520	.60	.74	.87	16,500	1610	.62	.76	.91
67	650	19,500	1300	.60	.74	.87	19,500	1440	.61	.75	.89	18,300	1540	.62	.78	.92	17,100	1630	.64	.80	.95
	750	20,000	1310	.62	.77	.92	20,000	1450	.63	.79	.93	18,900	1550	.64	.81	.96	17,600	1650	.66	.84	.99
	550	19,600	1300	.44	.57	.68	19,600	1440	.45	.58	.70	18,600	1550	.45	.59	.71	17,400	1640	.46	.60	.73
71	650	20,500	1310	.45	.59	.71	20,500	1460	.45	.60	.73	19,300	1570	.46	.61	.75	18,100	1670	.47	.62	.77
	750	21,100	1320	.46	.60	.74	21,100	1470	.46	.62	.76	19,900	1580	.47	.63	.78	18,600	1680	.48	.65	.81

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC18 WITH CH16-21FF EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering	Condens	ser Co	oil (°F)					\neg
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts	T Ra	ensil o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts	To Rat	ensib Tota io (S Bulb	al /T)
		(Btuil)	IIIput	75	80	85	(Bluil)	IIIput	75	80	85	(Bluil)	Input	75	80	85	(Bluil)	Input	75	80	85
	550	18,200	1270	.73	.86	.97	17,800	1400	.74	.88	.99	16,800	1500	.76	.90	1.00	15,700	1580	.78	.93	1.00
63	650	19,000	1280	.76	.90	1.00	18,500	1420	.78	.92	1.00	17,500	1510	.80	.95	1.00	16,300	1600	.83	.98	1.00
	750	19,700	1290	.79	.94	1.00	19,100	1430	.81	.96	1.00	18,000	1530	.84	.99	1.00	16,900	1620	.86	1.00	1.00
	550	19,500	1290	.58	.70	.82	19,000	1430	.59	.71	.84	17,900	1530	.60	.73	.87	16,700	1620	.61	.75	.89
67	650	20,200	1300	.60	.73	.87	19,700	1440	.60	.75	.89	18,500	1540	.62	.77	.91	17,300	1640	.63	.80	.94
	750	20,700	1310	.61	.76	.90	20,200	1450	.62	.78	.93	19,000	1560	.64	.81	.96	17,800	1660	.66	.83	.98
	550	20,600	1310	.44	.56	.67	20,100	1450	.44	.57	.69	19,000	1560	.45	.58	.71	17,800	1660	.45	.59	.73
71	650	21,400	1320	.45	.58	.71	20,900	1470	.45	.59	.72	19,700	1570	.46	.60	.74	18,400	1680	.46	.62	.77
	750	22,000	1330	.45	.60	.74	21,400	1480	.46	.61	.76	20,200	1590	.47	.62	.78	18,900	1690	.47	.64	.81

 $\mathsf{NOTE}-\mathsf{All}$ values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC24 WITH CB18-26 OR CBS18-26 EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ure E	ntering	Condens	ser Co	oil (°F)					\neg
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al 5/T)
		(Btuil)	mput	75	80	85	(Btuil)	mpat	75	80	85	(Dtail)	mpat	75	80	85	(Btuil)	mpat	75	80	85
	700	21,900	1730	.73	.87	.98	22,100	1900	.75	.89	1.00	20,800	2010	.76	.91	1.00	19,500	2110	.79	.94	1.00
63	800	22,500	1750	.76	.90	1.00	22,800	1930	.77	.92	1.00	21,500	2040	.79	.95	1.00	20,100	2130	.82	.98	1.00
	900	23,000	1770	.78	.93	1.00	23,300	1950	.80	.96	1.00	22,000	2060	.82	.98	1.00	20,700	2160	.86	1.00	1.00
	700	23,100	1770	.58	.71	.83	23,500	1950	.59	.72	.86	22,100	2060	.60	.74	.88	20,700	2170	.61	.76	
67	800	23,800	1790	.59	.73	.87	24,100	1970	.60	.75	.89	22,700	2090	.62	.77	.91	21,300	2190	.63	.79	.94
	900	24,300	1810	.61	.76	.90	24,600	1990	.62	.78	.92	23,200	2110	.64	.80	.95	21,700	2210	.65	.84	.98
	700	24,500	1810	.44	.56	.68	24,800	2000	.44	.57	.69	23,400	2120	.44	.58	.71	22,000	2230	.45	.60	.73
71	800	25,200	1830	.44	.58	.71	25,500	2020	.45	.59	.72	24,100	2140	.45	.60	.74	22,500	2250	.46	.62	.77
	900	25,800	1840	.45	.60	.73	26,100	2040	.46	.61	.75	24,600	2160	.46	.62	.77	23,000	2280	.47	.64	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC24 WITH C16-31FF/FC, C16-31WFF/FC, CR16-31FF OR CH16-31FF EVAPORATOR

							Out	door Ai	r Tem	perat	ure E	ntering	Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib Tota io (S. Bulb	al /T)
		(Btuil)	input	75	80	85	(Btuil)	прис	75	80	85	(Btuil)	iliput	75	80	85	(Btuil)	mpat	75	80	85
	700	21,900	1720	.73	.86	.98	22,200	1890	.74	.88	.99	21,000	1990	.76	.91	1.00	19,600	2090	.78	.93	1.00
63	800	22,600	1740	.75	.90	1.00	22,900	1910	.77	.92	1.00	21,600	2020	.79	.94	1.00	20,100	2110	.81	.97	1.00
	900	23,100	1760	.78	.93	1.00	23,400	1930	.79	.95	1.00	22,100	2040	.81	.97	1.00	20,600	2140	.84	.99	1.00
	700	23,300	1760	.58	.70	.82	23,700	1940	.59	.72	.84	22,300	2050	.60	.73	.87	20,900	2150	.61	.75	.90
67	800	24,100	1780	.59	.73	.86	24,400	1960	.60	.74	.88	22,900	2070	.62	.76	.91	21,400	2170	.63	.78	.93
	900	24,500	1800	.61	.75	.90	24,900	1980	.62	.77	.92	23,400	2090	.63	.79	.94	21,800	2190	.65	.81	.97
	700	24,700	1800	.43	.56	.68	25,000	1980	.44	.57	.69	23,600	2100	.44	.58	.71	22,100	2210	.45	.59	.73
71	800	25,400	1820	.44	.58	.70	25,700	2010	.45	.59	.72	24,300	2120	.45	.60	.74	22,700	2230	.46	.61	.76
	900	26,000	1830	.45	.59	.73	26,300	2020	.45	.61	.74	24,800	2140	.46	.62	.76	23,200	2260	.47	.63	.79

10AC24 WITH C16-28FF/FC OR C16-28WFF/FC EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering (Condens	ser Co	oil (°F)					\neg
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T) (°F)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al /T)
		(Dtail)	mpat	75	80	85	(Dtail)	mpat	75	80	85	(Btail)	mpat	75	80	85	(Dtail)	mput	75	80	85
	700	22,300	1730	.72	.85	.96	22,600	1910	.73	.86	.98	21,300	2020	.75	.89	1.00	20,000	2110	.77	.91	1.00
63	800	23,100	1760	.74	.88	.99	23,300	1930	.76	.90	1.00	21,900	2040	.77	.92	1.00	20,500	2140	.79	.95	1.00
	900	23,600	1770	.76	.91	1.00	23,800	1950	.78	.93	1.00	22,500	2060	.80	.96	1.00	21,000	2160	.82	.98	1.00
	700	23,400	1770	.58	.70	.81	23,700	1950	.58	.71	.83	22,500	2060	.59	.72	.85	21,000	2160	.60	.74	.88
67	800	24,200	1790	.59	.72	.84	24,500	1970	.60	.73	.86	23,100	2090	.61	.75	.89	21,600	2190	.62	.77	.92
	900	24,700	1810	.60	.74	.87	25,100	1990	.61	.76	.90	23,600	2110	.62	.77	.92	22,100	2220	.63	.80	.95
	700	24,500	1800	.43	.56	.67	24,800	1980	.43	.57	.69	23,500	2100	.45	.58	.70		2210	.45	.59	.72
71	800	25,200	1820	.44	.57	.70	25,600	2010	.45	.58	.71	24,100	2130	.45	.59	.73	22,600	2240	.46	.61	.75
	900	25,900	1830	.45	.59	.72	26,100	2030	.45	.60	.73	24,700	2150	.46	.61	.75	23,100	2270	.47	.62	.77

NOTE - All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC30 WITH C16-31FF/FC, C16-31WFF/FC OR CR16-31FF EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering	Condens	ser Co	oil (°F)					\neg
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	tal S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al i/T)
		(Dtail)	mpat	75	80	85	(Btuil)	mpat	75	80	85	(Btuil)	mput	75	80	85	(Dtail)	mpat	75	80	85
	900	27,400	2140	.74	.87	.98	27,000	2340	.75	.89	1.00	25,700	2500	.76	.91	1.00	24,200	2650	.78	.93	1.00
63	1050	28,400	2170	.76	.91	1.00	27,900	2370	.78	.93	1.00	26,500	2530	.80	.95	1.00	25,000	2690	.82	.97	1.00
	1200	29,200	2190	.79	.94	1.00	28,600	2400	.81	.96	1.00	27,200	2560	.83	.98	1.00	25,700	2720	.85	1.00	1.00
	900	29,200	2190	.58	.71	.83	28,800	2400	.59	.72	.85	27,300	2570	.60	.74	.87	25,800	2720	.61	.76	.90
67	1050	30,100	2210	.60	.74	.87	29,700	2430	.61	.75	.90	28,100	2600	.62	.77	.92	26,500	2760	.63	.79	.94
	1200	30,900	2230	.62	.77	.91	30,400	2450	.63	.78	.93	28,800	2630	.64	.80	.96	27,100	2790	.65	.83	.98
	900	30,900	2230	.44	.57	.68	30,500	2450	.44	.57	.70	28,900	2630	.45	.58	.71	27,400	2810	.45	.60	.73
71	1050	31,900	2250	.45	.58	.71	31,400	2480	.45	.59	.73	29,800	2670	.46	.61	.74	28,200	2840	.46	.62	.77
	1200	32,800	2270	.45	.60	.74	32,100	2500	.46	.61	.76	30,500	2690	.47	.63	.78	28,800	2870	.47	.64	.80

 $\mathsf{NOTE}-\mathsf{All}$ values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC30 WITH C16-28FF/FC OR C16-28WFF/FC EVAPORATOR UNIT

								.011710					VAI OI								
							Out	door Aiı	r Tem	pera	ture E	ntering	Condens	ser Co	oil (°F	(
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al 5/T)
		(Btuil)	mpat	75	80	85	(Btuil)	mpat	75	80	85	(Dtail)	mpat	75	80	85	(Dtail)	mpat	75	80	85
	900	28,200	2160	.73	.85	.97	27,700	2370	.74	.87	.99	26,400	2530	.75	.89	1.00	24,800	2680	.77	.91	1.00
63	1050	29,100	2180	.75	.89	1.00	28,600	2390	.77	.91	1.00	27,100	2560	.78	.93	1.00	25,600	2710	.80	.96	1.00
	1200	29,900	2200	.78	.93	1.00	29,300	2420	.79	.95	1.00	27,800	2590	.81	.97	1.00	26,200	2750	.83	.99	1.00
	900	29,600	2200	.58	.70	.82	29,100	2410	.59	.72	.84	27,700	2580	.59	.73	.86	26,200	2750	.61	.74	.88
67	1050	30,600	2220	.59	.73	.86	30,100	2440	.60	.74	.88	28,600	2620	.61	.76	.90	27,000	2790	.62	.78	.92
	1200	31,400	2240	.61	.75	.89	30,900	2470	.62	.77	.91	29,300	2650	.63	.79	.94	27,700	2820	.64	.81	.96
	900	30,800	2230	.43	.57	.68	30,400	2450	.44	.57	.69	29,000	2630	.44	.58	.71	27,400	2810	.45	.59	.72
71	1050	32,000	2250	.44	.58	.71	31,500	2480	.45	.59	.72	29,900	2670	.45	.60	.73	28,300	2850	.46	.61	.75
	1200	32,900	2270	.45	.59	.73	32,300	2510	.46	.61	.75	30,700	2700	.46	.62	.76	29,000	2890	.47	.63	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC30 WITH CH16-31FF EVAPORATOR UNIT

										-		FUNAT									
							Out	door Aiı	r Tem	pera	ture E	ntering	Condens	ser Co	oil (°F	=)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensil o Tot tio (S Bulb	tal S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tota tio (S Bulb	al i/T)
		(Dtail)	input	75	80	85	(Btuil)	IIIput	75	80	85	(Btuil)	mput	75	80	85	(Dtuil)	IIIput	75	80	85
	900	28,000	2160	.74	.87	.98	27,600	2360	.76	.88	1.00	26,300	2520	.77	.91	1.00	24,900	2680	.79	.93	1.00
63	1050	29,000	2180	.77	.91	1.00	28,500	2390	.78	.93	1.00	27,100	2560	.80	.95	1.00	25,500	2720	.82	.97	1.00
	1200	29,800	2200	.80	.94	1.00	29,200	2420	.81	.96	1.00	27,800	2590	.83	.98	1.00	26,300	2750	.85	1.00	1.00
	900	29,800	2200	.58	.71	.83	29,300	2420	.59	.72	.85	27,900	2590	.60	.74	.87	26,400	2760	.61	.76	.89
67	1050	30,800	2220	.60	.74	.87	30,200	2450	.61	.76	.89	28,700	2630	.62	.78	.91	27,200	2800	.63	.79	.94
	1200	31,500	2240	.62	.77	.91	31,000	2470	.63	.79	.93	29,400	2650	.64	.81	.95	27,700	2830	.67	.83	.98
	900	31,600	2240	.44	.56	.68	31,100	2470	.45	.57	.69	29,600	2660	.45	.58	.72	28,000	2840	.45	.59	.73
71	1050	32,600	2270	.45	.58	.72	32,000	2500	.45	.59	.73	30,500	2690	.46	.60	.75	28,800	2870	.46	.62	.77
	1200	33,300	2280	.46	.60	.75	32,800	2520	.46	.61	.76	31,100	2720	.47	.62	.78	29,300	2910	.47	.66	.80

10AC30 WITH CB18-31 OR CBS18-31 EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering	Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra Dry	ensib o Tot tio (S Bulb	al 5/T) (°F)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra Dry	ensib o Tot tio (S Bulb	al 5/T) (°F)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra Dry	ensik o Tot tio (S Bulb	al (°F)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat Dry	ensib o Tota tio (S Bulb	al 5/T) (°F)
		(2 0 0,		75	80	85	(200,		75	80	85	(2 (4,		75	80	85	(20011)		75	80	85
	900	28,000	2160	.73	.86	.98	27,800	2360	.75	.89	1.00	26,300	2530	.76	.91	1.00	24,800	2680	.78	.93	1.00
63	1050	29,100	2180	.76	.91	1.00	28,600	2400	.78	.93	1.00	27,100	2560	.79	.95	1.00	25,600	2720	.81	.97	1.00
	1200	30,000	2200	.79	.94	1.00	29,400	2420	.81	.96	1.00	27,900	2590	.83	.98	1.00	26,400	2750	.85	1.00	1.00
	900	29,900	2200	.58	.71	.83	29,400	2420	.59	.72	.85	27,900	2590	.60	.73	.88	26,400	2750	.61	.75	.90
67	1050	30,800	2230	.60	.73	.88	30,300	2450	.61	.75	.89	28,800	2630	.62	.77	.92	27,100	2790	.63	.79	.94
	1200	31,700	2250	.62	.76	.91	31,100	2470	.63	.78	.93	29,400	2650	.64	.80	.95	27,600	2820	.65	.83	.98
	900	31,600	2240	.44	.56	.68	31,100	2470	.44	.57	.69	29,500	2660	.44	.58	.71	27,900	2830	.45	.59	.73
71	1050	32,700	2270	.44	.58	.71	32,100	2500	.45	.59	.72	30,400	2690	.45	.60	.74	28,800	2870	.46	.62	.76
	1200	33,400	2290	.45	.60	.74	32,900	2530	.46	.61	.76	31,200	2720	.46	.62	.77	29,400	2910	.47	.64	.80

NOTE - All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC36 WITH C16-41FF/FC, C16-41WFF/FC OR CR16-41FF EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering (Condens	ser Co	oil (°F)					\Box
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al 5/T)
		(Btuil)	mpat	75	80	85	(Btuil)	mput	75	80	85	(Dtail)	mpat	75	80	85	(Btall)	mpat	75	80	85
	1000	35,100	2720	.71	.84	.95	34,100	2970	.73	.86	.98	32,100	3160	.74	.88	.99	30,100	3330	.76	.91	1.00
63	1200	36,500	2760	.75	.88	.99	35,500	3030	.76	.91	1.00	33,400	3220	.78	.93	1.00	31,200	3400	.80	.96	1.00
	1400	37,800	2800	.78	.93	1.00	36,600	3070	.80	.95	1.00	34,500	3270	.82	.97	1.00	32,300	3460	.84	1.00	1.00
	1000	37,300	2790	.57	.69	.80	36,300	3060	.58	.70	.82	34,200	3260	.59	.72	.84	32,000	3440	.60	.74	.87
67	1200	38,900	2840	.59	.72	.85	37,700	3110	.60	.74	.87	35,500	3320	.61	.76	.90	33,200	3510	.62	.78	.93
	1400	40,200	2880	.61	.75	.89	38,800	3160	.62	.77	.92	36,500	3370	.63	.79	.94	34,100	3560	.65	.82	.97
	1000	39,500	2860	.44	.55	.66	38,400	3140	.44	.56	.67	36,200	3350	.44	.57	.69	34,000	3550	.45	.58	.71
71	1200	41,100	2920	.44	.57	.69	39,900	3200	.45	.58	.71	37,600	3420	.45	.59	.73	35,200	3620	.46	.61	.75
	1400	42,500	2960	.45	.59	.73	41,100	3240	.46	.60	.74	38,600	3470	.46	.62	.77	36,100	3670	.47	.64	.79

 $\mathsf{NOTE}-\mathsf{All}$ values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC36 WITH CB18-41 OR CBS18-41 EVAPORATOR UNIT

					_				_				<u> </u>								
							Out	door All	r Iem	pera	ture E	ntering	Condens	ser Co	oii (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensik o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib Tota tio (S Bulb	al /T)
		(Btuil)	iliput	75	80	85	(Btuil)	iliput	75	80	85	(Btuil)	iliput	75	80	85	(Btuil)	input	75	80	85
	1000	35,300	2730	.71	.84	.95	34,200	2980	.73	.86	.97	32,400	3180	.74	.88	.99	30,400	3350	.76	.91	1.00
63	1200	36,900	2770	.74	.88	.99	35,900	3040	.76	.90	1.00	33,800	3240	.78	.93	1.00	31,700	3420	.80	.96	1.00
	1400	38,300	2820	.77	.92	1.00	37,100	3090	.79	.94	1.00	34,900	3290	.81	.97	1.00	32,600	3480	.85	.99	1.00
	1000	37,600	2800	.57	.69	.80	36,500	3070	.58	.70	.82	34,500	3270	.59	.72	.85	32,300	3460	.60	.74	.87
67	1200	39,200	2850	.59	.72	.84	38,000	3120	.60	.73	.87	35,800	3330	.61	.75	.89	33,500	3520	.62	.78	.92
	1400	40,400	2890	.61	.75	.89	39,100	3170	.62	.77	.91	36,700	3380	.63	.79	.94	34,400	3580	.65	.83	.97
	1000	39,800	2870	.44	.55	.66	38,600	3150	.44	.56	.67	36,500		.44	.57	.69		3570	.45	.58	.71
71	1200	41,400	2930	.44	.57	.69	40,200	3210	.45	.58	.71	37,900	3430	.45	.59	.73	35,400	3630	.46	.61	.75
I	1400	42,800	2970	.45	.59	.72	41,400	3260	.46	.60	.74	38,900	3480	.46	.62	.77	36,400	3690	.47	.63	.79

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC36 WITH CH16-41FF EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering (Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al i/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib Tota tio (S Bulb	al /T)
		(Btuil)	iliput	75	80	85	(Btuil)	IIIput	75	80	85	(Dtuil)	iliput	75	80	85	(Dtuil)	input	75	80	85
	1000	36,100	2750	.72	.84	.96	35,000	3010	.73	.86	.98	33,100	3210	.75	.89	1.00	31,000	3390	.77	.91	1.00
63	1250	38,000	2810	.76	.90	1.00	36,800	3080	.78	.92	1.00	34,700	3280	.80	.95	1.00	32,500	3470	.82	.98	1.00
	1500	39,400	2860	.80	.95	1.00	38,300	3130	.82	.97	1.00	36,000	3340	.84	.99	1.00	33,700	3550	.87	1.00	1.00
	1000	38,500	2830	.57	.69	.81	37,400	3100	.58	.70	.83	35,200	3310	.59	.72	.85	32,900	3500	.60	.74	.88
67	1250	40,400	2890	.59	.73	.87	39,000	3170	.60	.75	.89	36,800	3380	.62	.77	.92	34,400	3580	.63	.80	.95
	1500	41,700	2930	.62	.77	.92	40,400	3220	.63	.80	.94	37,900	3440	.65	.82	.97	35,500	3630	.66	.85	.99
	1000	40,800	2910	.44	.55	.66	39,700	3190	.44	.56	.68	37,400	3410	.44	.57	.69	35,100	3610	.45	.58	.71
71	1250	42,900	2970	.44	.58	.71	41,500	3260	.45	.59	.73	39,000	3490	.46	.60	.75	36,500	3690	.46	.62	.77
	1500	44,300	3020	.46	.60	.75	42,800	3310	.46	.62	.78	40,200	3540	.47	.63	.80	37,400	3750	.48	.65	.82

10AC42 WITH C16-41FF/FC OR C16-41WFF/FC OR CR16-41FF EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering	Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10	05				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib Tota tio (S Bulb	al 5/T)
		(Btuil)	iliput	75	80	85	(Btuil)	IIIput	75	80	85	(Btuil)	iliput	75	80	85	(Dtull)	mput	75	80	85
	1000	38,100	3150	.69	.81	.92	37,000	3400	.70	.82	.94	35,400	3620	.71	.84	.96	33,600	3820	.73	.86	.97
63	1250	40,200	3230	.73	.86	.97	39,000	3480	.74	.88	.99	37,100	3700	.75	.90	1.00	35,400	3910	.77	.92	1.00
	1500	41,700	3270	.76	.91	1.00	40,500	3530	.78	.93	1.00	38,600	3760	.79	.95	1.00	36,600	3980	.81	.97	1.00
	1000	40,400	3230	.56	.67	.77	39,300	3490	.56	.68	.79	37,600	3710	.57	.69	.80	35,800	3930	.58	.70	.82
67	1250	42,600	3300	.58	.70	.82	41,400	3570	.59	.71	.84	39,500	3800	.59	.73	.86	37,600	4020	.60	.74	.88
	1500	44,200	3360	.60	.74	.87	42,900	3630	.61	.75	.89	40,900	3860	.62	.77	.91	38,900	4090	.63	.79	.94
	1000	42,600	3300	.43	.54	.64	41,500	3570	.43	.54	.65	39,800	3810	.44	.55	.66	37,900	4040	.44	.56	.67
71	1250	45,000	3380	.44	.56	.68	43,700	3660	.44	.57	.69	41,800	3900	.44	.58	.70	39,800	4140	.45	.59	.72
	1500	46,700	3440	.45	.58	.71	45,400	3720	.45	.59	.73	43,300	3970	.46	.60	.74	41,200	4210	.46	.61	.76

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC42 WITH CB18-41 OR CBS18-41 EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ure E	ntering (Condens	ser Co	oil (°F)					\neg
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensib o Tot tio (S Bulb	al	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	tal S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al /T)
		(Btuil)	mpat	75	80	85	(Dtail)	mpat	75	80	85	(Dtail)	mpat	75	80	85	(Dtail)	mpat	75	80	85
	1000	38,900	3160	.69	.81	.92	37,300	3410	.70	.82	.93	35,600	3630	.71	.84	.95	33,900	3840	.73	.86	.97
63	1250	40,900	3230	.73	.86	.97	39,400	3490	.74	.88	.99	37,600	3710	.75	.89	1.00	35,800	3930	.77	.91	1.00
	1500	42,800	3290	.76	.90	1.00	40,900	3550	.77	.92	1.00	39,100	3780	.79	.94	1.00	37,100	4000	.81	.96	1.00
	1000	41,200	3240	.56	.67	.77	39,600	3500	.56	.68	.79	37,900	3730	.57	.69	.80	36,100	3950	.58	.70	.82
67	1250	43,600	3310	.58	.70	.82	41,700	3580	.58	.71	.84	39,800	3810	.59	.73	.86	37,900	4040	.60	.74	.88
	1500	45,100	3370	.60	.74	.87	43,200	3640	.61	.75	.89	41,200	3870	.62	.77	.91	39,100	4110	.63	.78	.93
	1000	43,600	3310	.43	.54	.64	41,800	3590	.43	.54	.65	40,100	3820	.44	.55	.66	38,200	4060	.44	.56	.67
71	1250	45,900	3390	.44	.56	.68	44,100	3670	.44	.57	.69	42,100	3910	.45	.58	.70	40,100	4150	.45	.59	.72
	1500	47,600	3450	.45	.58	.71	45,600	3730	.45	.59	.73	43,600	3980	.46	.60	.74	41,500	4220	.46	.61	.76

 ${\sf NOTE-All}$ values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC42 WITH C16-46FF OR C16-46WFF/FC EVAPORATOR UNIT

					0,10								AI 01174	-	-						
							Out	door Aiı	r Tem	pera	ture E	ntering	Condens	ser Co	oil (°F	:)					
Enter.	Total		8	5				9	5				10	05				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts	T Ra	ensik o Tot tio (S Bulb	al	Total Cool. Cap. (Btuh)	Comp. Motor Watts	Ra	ensik o Tot tio (S Bulb	tal S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts	Ra	ensib o Tot tio (S Bulb	al i/T)
		(Bluii)	Input	75	80	85	(Bluii)	Input	75	80	85	(Bluii)	Input	75	80	85	(Bluii)	Input	75	80	85
	1200	41,100	3230	.72	.85	.96	39,300	3490	.73	.86	.98	37,400	3710	.74	.88	.99	35,600	3920	.76	.91	1.00
63	1450	42,800	3290	.75	.90	1.00	40,900	3550	.77	.92	1.00	39,000	3780	.78	.93	1.00	37,000	4000	.80	.96	1.00
	1700	44,100	3330	.79	.94	1.00	42,200	3600	.80	.96	1.00	40,100	3830	.82	.98	1.00	38,200	4050	.84	.99	1.00
	1200	43,500	3310	.57	.69	.81	41,700	3580	.58	.71	.83	39,800	3810	.59	.72	.85	37,900	4040	.60	.73	.87
67	1450	45,200	3370	.59	.73	.86	43,300	3640	.60	.74	.88	41,300	3880	.61	.76	.90	39,200	4110	.62	.78	.92
	1700	46,600	3410	.61	.76	.91	44,500	3690	.62	.78	.93	42,400	3930	.63	.80	.95	40,300	4160	.65	.82	.97
	1200	45,900	3390	.44	.56	.67	44,000	3670	.44	.56	.68	42,100	3910	.44	.57	.69	40,100	4150	.44	.58	.71
71	1450	47,700	3450	.44	.58	.70	45,700	3730	.45	.59	.72	43,700	3980	.45	.60	.73	41,600	4230	.45	.61	.75
	1700	49,100	3490	.45	.60	.74	47,000	3780	.46	.61	.75	44,900	4030	.46	.62	.77	42,700	4280	.47	.63	.79

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC42 WITH CH16-41FF EVAPORATOR UNIT

							Out	door Air	r Tem	perat	ture E	ntering	Condens	ser Co	oil (°F)					\neg
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra Dry	ensib o Tot tio (S Bulb	al 5/T) (°F)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra Dry	ensib o Tot tio (S Bulb	al 5/T) (°F)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al 5/T) (°F)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al 5/T)
		(Dtuii,	mput	75	80	85	(Dtuii,	mpat	75	80	85	(Dtail,	mpat	75	80	85	(Dean,	mput	75	80	85
	1200	41,400	3250	.73	.86	.97	39,700	3510	.74	.87	.99	38,000	3730	.75	.89	1.00	36,100	3950	.77	.91	1.00
63	1500	43,500	3310	.77	.92	1.00	41,600	3580	.78	.93	1.00	39,700	3810	.80	.95	1.00	37,800	4040	.82	.97	1.00
	1800	44,900	3360	.82	.97	1.00	43,200	3630	.83	.98	1.00	41,200	3870	.85	1.00	1.00	39,200	4110	.87	1.00	1.00
	1200	44,100	3330	.58	.70	.82	42,300	3600	.58	.71	.84	40,400	3840	.59	.72	.86	38,400	4060	.60	.74	.88
67	1500	46,100	3400	.60	.74	.88	44,000	3670	.61	.76	.90	41,900	3910	.62	.78	.92	40,000	4150	.63	.80	.94
	1800	47,500	3440	.63	.79	.94	45,500	3720	.64	.81	.95	43,300	3970	.65	.82	.97	41,200	4210	.66	.84	.99
	1200	46,700	3420	.44	.56	.67	44,800	3700	.44	.56	.69	42,800	3950	.44	.57	.70	40,800	4190	.45	.58	.71
71	1500	48,700	3480	.45	.59	.72	46,700	3770	.45	.60	.74	44,600	4020	.46	.61	.75	42,400	4270	.46	.62	.77
	1800	50,100	3520	.46	.62	.77	48,000	3820	.47	.63	.79	45,800	4070	.47	.64	.80	43,500	4320	.48	.65	.82

10AC48 WITH C16-51FF/FC OR CR16-51FF EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering (Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al i/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al /T)
		(Btuil)	iliput	75	80	85	(Btuil)	iliput	75	80	85	(Dtuil)	iliput	75	80	85	(Btuil)	input	75	80	85
	1400	46,300	3940	.72	.85	.96	45,400	4260	.73	.87	.98	43,000	4520	.75	.89	.99	40,300	4740	.77	.91	1.00
63	1700	48,300	4000	.75	.90	1.00	47,600	4330	.77	.92	1.00	44,900	4600	.79	.94	1.00	42,100	4840	.81	.96	1.00
	2000	50,000	4040	.79	.94	1.00	49,200	4390	.81	.96	1.00	46,400	4670	.83	.98	1.00	43,700	4920	.85	1.00	1.00
	1400	49,400	4030	.57	.69	.81	48,400	4360	.58	.71	.83	45,700	4640	.59	.72	.85	42,900	4880	.60	.74	.88
67	1700	51,400	4090	.59	.73	.86	50,400	4440	.60	.74	.88	47,500	4720	.62	.76	.91	44,500	4970	.63	.79	.93
	2000	53,000	4130	.61	.76	.90	51,900	4490	.63	.78	.93	48,900	4780	.64	.80	.95	45,700	5040	.65	.83	.97
	1400	52,400	4110	.44	.55	.67	51,100	4460	.44	.56	.68	48,300	4750	.44	.57	.70	45,400	5020	.45	.59	.72
71	1700	54,600	4180	.45	.58	.70	53,300	4540	.45	.59	.72	50,300	4840	.45	.60	.74	47,200	5110	.46	.61	.76
	2000	56,100	4230	.45	.60	.74	54,900	4590	.46	.61	.76	51,800	4900	.47	.63	.78	48,500	5180	.47	.64	.80

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC48 WITH CB18-51 OR CBS18-51 EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering (Condens	ser Co	oil (°F)					\Box
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al /T)
		(Dtail)	mput	75	80	85	(Btuil)	mpat	75	80	85	(Dtail)	mpat	75	80	85	(Dtail)	mpat	75	80	85
	1400	47,000	3910	.72	.85	.96	45,000	4290	.73	.87	.98	42,400	4550	.75	.89	1.00	39,900	4780	.77	.92	1.00
63	1700	49,100	3970	.75	.90	1.00	46,900	4360	.77	.92	1.00	44,200	4630	.79	.95	1.00	41,400	4880	.82	.97	1.00
	2000	50,900	4030	.79	.94	1.00	48,300	4420	.81	.97	1.00	45,600	4700	.84	.99	1.00	43,000	4950	.86	1.00	1.00
	1400	49,900	4000	.57	.69	.81	48,000	4400	.58	.71	.83	45,300	4680	.59	.72	.86	42,500	4930	.60	.74	.88
67	1700	52,100	4050	.59	.73	.86	49,900	4470	.60	.75	.89	47,000	4760	.61	.77	.91	44,000	5020	.63	.79	.94
	2000	53,700	4100	.61	.77	.91	51,200	4520	.63	.79	.93	48,200	4820	.64	.81	.96	45,300	5080	.66	.84	.99
	1400	52,600	4070	.44	.55	.66	50,900	4510	.44	.56	.68	48,100	4810	.44	.57	.70	45,200	5080	.45	.58	.71
71	1700	55,000	4140	.44	.58	.70	52,900	4580	.45	.59	.72	50,000	4890	.45	.60	.74	46,800	5170	.46	.61	.76
	2000	56,700	4190	.45	.60	.74	54,400	4630	.46	.61	.76	51,300	4950	.46	.63	.78	48,100	5240	.47	.64	.81

 $\mathsf{NOTE}-\mathsf{All}$ values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC48 WITH CH20-51 EVAPORATOR UNIT

							107070			_			_								
							Out	door Aiı	r Tem	pera	ture E	ntering	Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensik o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al 5/T)
		(Btuil)	mpat	75	80	85	(Btuil)	mpat	75	80	85	(Dtail)	mpat	75	80	85	(Btuil)	mpat	75	80	85
	1200	46,900	3900	.69	.80	.91	45,600	4260	.70	.82	.93	43,100	4520	.71	.83	.95	40,600	4760	.73	.86	.00
63	1600	50,200	4000	.73	.86	.98	48,700	4380	.74	.88	1.00	46,000	4650	.76	.91	1.00	43,000	4900	.78	.94	1.00
	2000	52,500	4070	.77	.92	1.00	50,800	4450	.79	.94	1.00	48,200	4730	.81	.97	1.00	44,900	4990	.83	.99	1.00
	1200	49,600	3980	.55	.66	.76	48,300	4360	.56	.67	.78	45,800	4640	.57	.68	.80	43,100	4890	.57	.70	.82
67	1600	53,200	4090	.58	.70	.83	51,600	4480	.58	.72	.85	48,800	4770	.60	.73	.87	45,900	5040	.61	.76	.90
	2000	55,500	4160	.60	.75	.89	53,800	4560	.61	.76	.91	50,800	4860	.63	.78	.94	47,700	5130	.64	.81	.97
	1200	52,400	4060	.43	.53	.63	51,000	4450	.43	.54	.64	48,300	4750	.43	.55	.66	45,600	5030	.43	.56	.67
71	1600	56,000	4170	.44	.56	.68	54,400	4570	.44	.57	.69	51,500	4880	.45	.58	.71	48,300	5170	.45	.59	.73
	2000	58,400	4240	.45	.59	.72	56,600	4650	.46	.60	.74	53,400	4970	.46	.61	.76	50,100	5270	.46	.63	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC60 WITH C16-65, C16-65FC OR CR16-65 EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ture E	ntering (Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al i/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib Tota tio (S Bulb	al /T)
		(Btuil)	iliput	75	80	85	(Btuil)	iliput	75	80	85	(Dtuil)	iliput	75	80	85	(Dtail)	IIIput	75	80	85
	1700	59,800	4740	.72	.84	.95	58,400	5230	.73	.86	.97	55,900	5570	.74	.88	.98	53,100	5900	.75	.90	1.00
63	2000	62,000	4810	.74	.88	.99	60,600	5300	.76	.90	1.00	57,900	5660	.77	.92	1.00	55,100	6000	.79	.94	1.00
	2300	63,800	4870	.77	.92	1.00	62,400	5370	.79	.94	1.00	59,700	5730	.80	.95	1.00	56,600	6070	.82	.97	1.00
	1700	63,300	4850	.57	.69	.81	62,000	5350	.58	.70	.82	59,200	5710	.58	.71	.84	56,400	6060	.59	.73	.86
67	2000	65,600	4930	.59	.72	.85	64,200	5430	.60	.73	.87	61,300	5800	.60	.75	.89	58,300	6150	.61	.76	.90
	2300	67,400	4980	.61	.75	.89	65,900	5490	.61	.76	.90	62,800	5860	.62	.78	.92	59,700	6230	.64	.80	.94
	1700	66,700	4960	.44	.55	.66	65,400	5480	.44	.56	.68	62,600	5850	.44	.57	.69	59,600	6220	.45	.58	.70
71	2000	69,000	5040	.44	.57	.70	67,600	5560	.45	.58	.71	64,700	5940	.45	.59	.72	61,600	6320	.45	.60	.74
	2300	70,900	5090	.45	.59	.72	69,400	5620	.45	.60	.74	66,300	6010	.46	.61	.75	63,200	6390	.46	.62	.77

10AC60 WITH CB18-65 OR CBS18-65 EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ure E	ntering	Condens	ser Co	oil (°F)					\Box
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap.	Comp. Motor Watts	T Ra	ensik o Tot tio (S	al 5/T)	Total Cool. Cap.	Comp. Motor Watts	Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap.	Comp. Motor Watts	Ra	ensil o Tot tio (S Bulb	al S/T)	Total Cool. Cap.	Comp. Motor Watts	To Rat	ensib o Tota tio (S Bulb	al /T)
		(Btuh)	Input	75	Bulb 80	85	(Btuh)	Input	75	80 80	85	(Btuh)	Input	75	80	85	(Btuh)	Input	75	80 80	85
	1700	61,000	4790	.72	.85	.96	59,600	5280	.73	.86	.98	57,000	5630	.74	.88	.99	54,300	5980	.76		1.00
63	2000	63,200	4860	.75	.89	1.00	' ' 	5360	.76	.90	1.00		5720	.78	.92	1.00	56,200	6070	.80		1.00
	2300	65,100	4920	.78	.93	1.00	63,800	5420	.80	.94	1.00	60,600	5790	.81	.96	1.00	57,600	6150	.83	.98	1.00
	1700	64,700	4910	.57	.69	.81	63,300	5420	.58	.70	.83	60,600	5790	.58	.72	.84	57,600	6140	.59	.73	.86
67	2000	67,000	4980	.59	.72	.85	65,400	5500	.60	.74	.87	62,400	5870	.60	.75	.89	59,600	6240	.61	.77	.91
	2300	68,500	5040	.61	.75	.89	67,300	5560	.61	.77	.91	64,200	5940	.63	.79	.93	61,000	6310	.64	.80	.96
	1700	68,600	5040	.44	.55	.67	67,100	5560	.44	.56	.68	64,300	5940	.44	.57	.69	61,300	6320	.44	.58	.70
71	2000	70,800	5100	.44	.57	.70	69,300	5640	.45	.58	.71	66,300	6030	.45	.59	.73	63,100	6410	.45	.60	.75
	2300	72,600	5150	.45	.59	.73	71,000	5700	.46	.60	.74	67,900	6090	.46	.61	.76	64,500	6480	.46	.62	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

10AC60 WITH CH20-65 EVAPORATOR UNIT

							Out	door Aiı	r Tem	perat	ure E	ntering	Condens	ser Co	oil (°F)					
Enter.	Total		8	5				9	5				10)5				11	5		
Wet Bulb (°F)	Air Vol. (cfm)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al 5/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensib o Tot tio (S Bulb	al	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	T Ra	ensik o Tot tio (S Bulb	al S/T)	Total Cool. Cap. (Btuh)	Comp. Motor Watts Input	To Rat	ensib o Tota tio (S Bulb	al /T)
		(Btuil)	mpat	75	80	85	(Btuil)	mpat	75	80	85	(Dtail)	mpat	75	80	85	(Dtail)	mpat	75	80	85
	1700	62,000	4830	.71	.83	.95	60,700	5320	.72	.84	.96	58,000	5680	.73	.86	.99	55,200	6030	.74	.88	1.00
63	2000	64,100	4900	.73	.87	.99	62,800	5400	.74	.88	1.00	60,000	5760	.76	.90	1.00	57,000	6120	.77	.93	1.00
	2300	65,800	4950	.76	.90	1.00	64,400	5460	.77	.92	1.00	61,400	5830	.79	.94	1.00	58,700	6190	.80	.96	1.00
	1700	65,500	4940	.56	.68	.79	64,200	5450	.57	.69	.81	61,400	5820	.58	.70	.83	58,600	6190	.58	.72	.84
67	2000	67,700	5000	.58	.71	.83	66,400	5530	.58	.72	.85	63,500	5910	.59	.73	.87	60,500	6290	.60	.75	.89
	2300	69,600	5060	.59	.73	.87	68,100	5590	.60	.75	.89	65,100	5980	.61	.76	.91	62,000	6360	.62	.78	.93
	1700	68,800	5030	.43	.55	.66	67,500	5570	.43	.55	.67	64,700	5960	.43	.56	.68	61,800	6350	.44	.57	.69
71	2000	71,100	5110	.44	.56	.68	69,800	5650	.44	.57	.69	66,800	6050	.44	.58	.71	63,700	6440	.44	.59	.72
	2300	73,000	5170	.44	.58	.71	71,500	5720	.44	.59	.72	68,500	6120	.45	.60	.74	65,200	6510	.45	.61	.76

 $\mathsf{NOTE}-\mathsf{All}$ values are gross capacities and do not include evaporator coil blower motor heat deduction.