

Model and Manufacturing numbers listed in this manual.

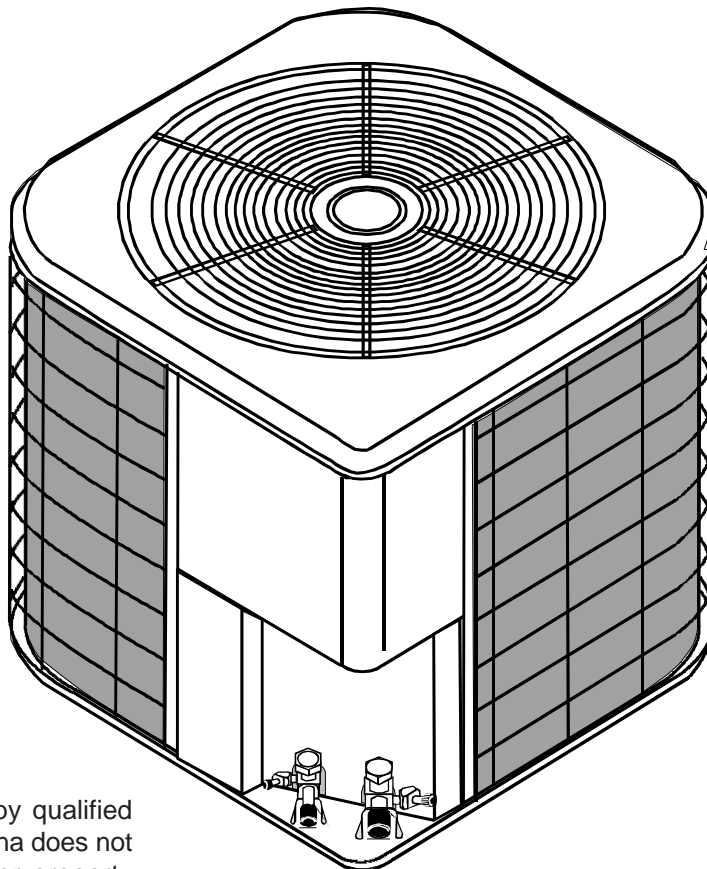
Technical Information

RCE_A_*

Remote Condensing Unit

- Refer to Service Manual RS6200003 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.

MODEL	M/N
RCE24A2A	P1218701C
RCE30A2B	P1218702C
RCE36A2A	P1218703C
RCE42A2A	P1218704C
RCE48A2A	P1218705C
RCE60A2A	P1218706C
RCE24A2D	P1218713C
RCE30A2D	P1218714C
RCE36A2D	P1218715C
RCE42A2D	P1218716C
RCE48A2D	P1218717C
RCE60A2D	P1218718C



This manual is to be used by qualified HVAC technicians only. Amana does not assume any responsibility for property damage or personal injury for improper service procedures done by an unqualified person.

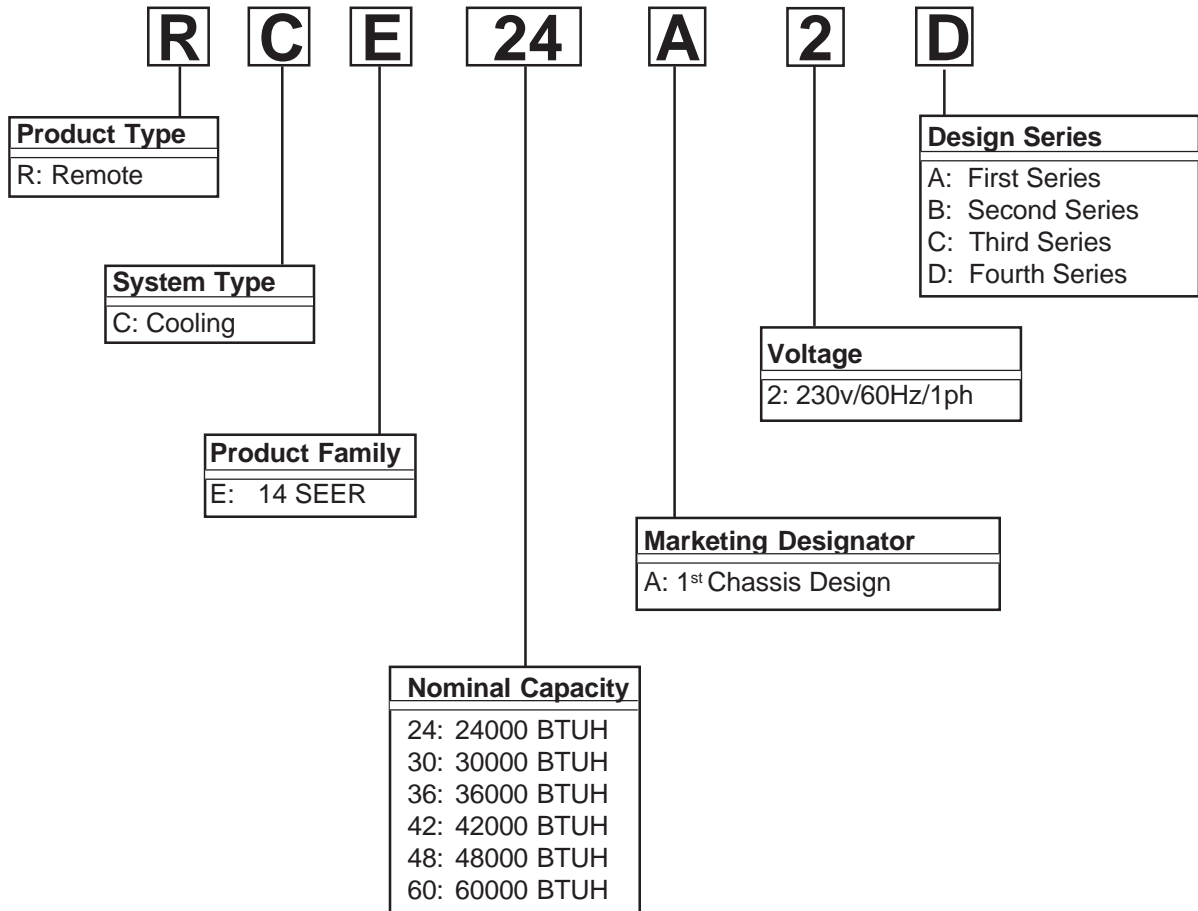
Amana[®]
Heating & Air Conditioning
Comfort. Quality. Trust.

RT6112003 Rev. 1
December 2001

PRODUCT IDENTIFICATION

The model and manufacturing number are used for positive identification of component parts used in manufacturing. At which time engineering and manufacturing changes take place where interchangeability of components are affected, the manufacturing number will change.

It is very important to use the model and manufacturing numbers at all times when requesting service or parts information.



Rev. 1 Added RCE__A_D Model/Manufacturing numbers.



WARNING

IF REPAIRS ARE ATTEMPTED BY UNQUALIFIED PERSONS, DANGEROUS CONDITIONS (SUCH AS EXPOSURE TO ELECTRICAL SHOCK) MAY RESULT. THIS MAY CAUSE SERIOUS INJURY OR DEATH.



CAUTION

AMANA WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SERVICE OR SERVICE PROCEDURES. IF YOU PERFORM SERVICE ON YOUR OWN PRODUCT, YOU ASSUME RESPONSIBILITY FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE WHICH MAY RESULT.

PRODUCT DESIGN

RCE models are available in 2 through 5 ton sizes. They are designed for 208/230 volt single phase applications.

The condenser air is pulled through the condenser coil by a direct drive propeller fan. This condenser air is then discharged out of the top of the cabinet.

These units are designed for free air discharge, so no additional resistance like duct work shall be attached.

The suction and liquid line connections on present models are of the sweat type for field piping with refrigerant type copper. Non-back seating valves are factory installed to accept the field run copper. The total refrigerant charge for a normal installation is factory installed in the condensing unit. RCE units are charged for the matching evaporator coil and a 25 foot refrigerant line set.

Systems should be properly sized by heat gain and loss calculations made according to methods of the Air Conditioning Contractors Association (ACCA) or equivalent. It is the contractors responsibility to ensure the system has adequate capacity to heat or cool the conditioned space.

RCE models use the Copeland Compliant® Scroll compressor. There are a number of design characteristics which are different from the traditional reciprocating compressor.

Due to their design Scroll compressors are inherently more tolerant of liquid refrigerant.

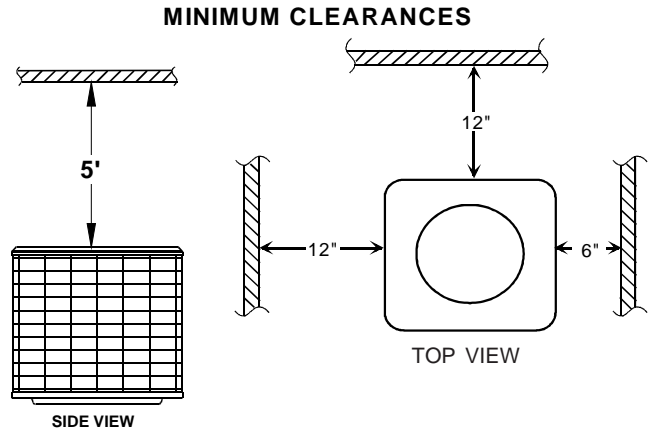
NOTE: Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.

Copeland Compliant® Scroll compressors use white oil which is compatible with 3GS. 3GS oil may be used if additional oil is required.

Older model (K1) Scroll compressors would run backwards (noisy operation) for 1 or 2 seconds at shutdown. This is normal and does not harm the compressor.

The RCE condensers use only the new (K3) scroll compressors. These compressors have an internal equalization mechanism and an anti-counter rotation device which allow the K3 scrolls to equalize in approximately 1/2 second at shutdown.

Operating pressures, amp draws and minimum circuit ampacity may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section and should be reviewed prior to installation of the condenser.



This unit is for outdoor installation only. Refer to minimum clearance figure for clearances from the sides of the unit to full walls and other objects.

NOTE: This unit cannot be completely enclosed. At least one side must be unrestricted.

These clearances will help avoid air recirculation. If installing two or more units at the same location, allow at least 24 inches between units. If only one side is restricted (for example, against the outside wall of a house), the unit may be placed as close as 8" to that one wall.

DO **NOT** locate the unit:

- Directly under a vent termination for a gas appliance.
- Within 3 feet of a clothes drier vent.
- Where the refreezing of defrost water would create a hazard.
- Where water may rise into the unit.

Outdoor Unit	Footprint Square	Unit Height
RCE24A2*	26" x 26"	25 1/2"
RCE30A2*	29 1/2" x 29 1/2"	25 1/2"
RCE36A2*	29 1/2" x 29 1/2"	29 1/2"
RCE42A2*	30 1/2" x 29 1/2"	33 1/2"
RCE48A2*	35 5/8" x 35 5/8"	33 1/2"
RCE60A2*	35 5/8" x 35 5/8"	30"

CONDENSING UNIT SPECIFICATIONS

MODEL	RCE24A2*	RCE30A2*	RCE36A2*	RCE42A2*	RCE48A2*	RCE60A2*
COOLING CAPACITY, BTUH	25000	29200	36000	40500	48000	58000
COMPRESSOR						
R.L. AMPS	10.3	12.2	14.7	16.5	18.3	25.0
L.R. AMPS	56.0	67.0	83.0	95.0	109.0	169.0
CONDENSER FAN MOTOR						
HORSEPOWER	1/12	1/12	1/4	1/4	1/4	1/4
R.L. AMPS	0.6	0.6	2.1	2.1	2.1	2.1
L.R. AMPS	1.2	1.2	3.7	3.7	3.7	3.7
LIQUID LINE, INCHES O.D.	3/8	3/8	0.375	0.375	3/8	3/8
SUCTION LINE, INCHES O.D.	0.75	3/4	7/8	0.875	7/8	1 1/8
REFRIGERANT CHARGE	160.0 oz.	164.0 oz.	230.0 oz.	230.0 oz.	240.0 oz.	250.0 oz.
POWER SUPPLY	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
MIN.CIRCUIT AMPACITY	13.5	16.0	20.5	22.7	25.0	33.4
MAX. OVERCURRENT DEVICE	20	25	35	35	40	55
ELECT. CONDUIT SIZE						
POWER SUPPLY	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"
LOW VOLTAGE	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
APPROX. SHIPPING WT	208	209	270	272	274	314

NOTE: This data is provided as a guide, it is important to electrically connect the unit and properly size fuses/circuit breakers and wires in accordance with all national and/or local electrical codes. Use copper wire only.

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE24A2*/CHA24T*C

COOLING OPERATION

IDB*		Outdoor Ambient Temperature												Cooling Operation												
		65				75				85				95				105				115				
		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	900	MBh	24.6	25.5	27.9	-	24.0	24.9	27.3	-	23.5	24.3	26.6	-	22.9	23.7	26.0	-	21.7	22.5	24.7	-	20.1	20.9	22.9	-
		S/T	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	1.60	1.63	1.68	-	1.72	1.75	1.80	-	1.82	1.85	1.91	-	1.90	1.94	2.00	-	1.98	2.02	2.08	-	2.04	2.09	2.15	-
		AMPS	7.9	8.0	8.2	-	8.3	8.5	8.7	-	8.9	9.1	9.3	-	9.4	9.6	9.8	-	9.9	10.1	10.3	-	10.3	10.5	10.8	-
		HI PR	4	4	5	-	5	5	5	-	5	6	6	-	6	6	7	-	7	7	8	-	7	8	8	-
	LO PR	62	66	72	-	65	70	76	-	68	72	79	-	71	76	83	-	75	80	87	-	77	82	90	-	
	800	MBh	23.9	24.8	27.1	-	23.3	24.2	26.5	-	22.8	23.6	25.9	-	22.2	23.0	25.2	-	21.1	21.9	24.0	-	19.5	20.3	22.2	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.64	0.44	-
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	1.59	1.62	1.67	-	1.70	1.74	1.79	-	1.80	1.84	1.89	-	1.89	1.93	1.99	-	1.96	2.01	2.07	-	2.03	2.07	2.14	-
		AMPS	7.8	8.0	8.2	-	8.3	8.4	8.7	-	8.8	9.0	9.2	-	9.3	9.5	9.8	-	9.8	10.0	10.3	-	10.3	10.5	10.8	-
HI PR		4	4	5	-	5	5	5	-	5	6	6	-	6	6	7	-	7	7	8	-	7	8	8	-	
LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-		
700	MBh	22.0	22.8	25.0	-	21.5	22.3	24.4	-	21.0	21.8	23.9	-	20.5	21.3	23.3	-	19.5	20.2	22.1	-	18.0	18.7	20.5	-	
	S/T	0.64	0.54	0.37	-	0.67	0.56	0.39	-	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.74	0.62	0.43	-	
	Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
	KW	1.56	1.59	1.63	-	1.67	1.70	1.75	-	1.76	1.80	1.85	-	1.85	1.88	1.94	-	1.92	1.96	2.02	-	1.98	2.02	2.09	-	
	AMPS	7.7	7.8	8.0	-	8.1	8.3	8.5	-	8.7	8.8	9.0	-	9.1	9.3	9.5	-	9.6	9.8	10.0	-	10.0	10.2	10.5	-	
	HI PR	4	4	4	-	4	5	5	-	5	5	6	-	6	6	6	-	6	7	7	-	7	8	8	-	
LO PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-		
75	900	MBh	25.0	25.8	27.9	29.9	24.4	25.2	27.2	29.2	23.8	24.6	26.6	28.5	23.3	24.0	25.9	27.8	22.1	22.8	24.6	26.4	20.5	21.1	22.8	24.5
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10
		KW	1.61	1.65	1.69	1.74	1.73	1.76	1.82	1.87	1.83	1.87	1.92	1.98	1.92	1.96	2.02	2.08	2.00	2.04	2.10	2.17	2.06	2.10	2.17	2.24
		AMPS	7.9	8.1	8.3	8.5	8.4	8.6	8.8	9.0	9.0	9.1	9.4	9.7	9.5	9.6	9.9	10.2	9.9	10.1	10.4	10.7	10.4	10.6	10.9	11.3
		HI PR	4	4	5	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	8	8	7	8	8	9
	LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	
	800	MBh	24.3	25.0	27.1	29.0	23.7	24.4	26.4	28.4	23.2	23.8	25.8	27.7	22.6	23.3	25.2	27.0	21.5	22.1	23.9	25.7	19.9	20.5	22.2	23.8
		S/T	0.76	0.68	0.51	0.33	0.79	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.60	1.63	1.68	1.73	1.72	1.75	1.80	1.86	1.82	1.85	1.91	1.97	1.91	1.94	2.00	2.07	1.98	2.02	2.08	2.15	2.05	2.09	2.15	2.22
		AMPS	7.9	8.0	8.2	8.4	8.3	8.5	8.7	9.0	8.9	9.1	9.3	9.6	9.4	9.6	9.8	10.1	9.9	10.1	10.3	10.7	10.3	10.6	10.8	11.2
HI PR		4	4	5	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	8	8	7	8	8	9	
LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96		
700	MBh	22.4	23.1	25.0	26.8	21.9	22.5	24.4	26.2	21.4	22.0	23.8	25.6	20.9	21.5	23.2	24.9	19.8	20.4	22.1	23.7	18.3	18.9	20.4	21.9	
	S/T	0.73	0.65	0.49	0.32	0.76	0.68	0.51	0.33	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.84	0.75	0.57	0.37	
	Delta T	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	
	KW	1.57	1.60	1.64	1.69	1.68	1.71	1.76	1.81	1.77	1.81	1.87	1.92	1.86	1.90	1.96	2.02	1.93	1.97	2.03	2.10	2.00	2.04	2.10	2.17	
	AMPS	7.7	7.8	8.0	8.3	8.2	8.3	8.5	8.8	8.7	8.9	9.1	9.4	9.2	9.4	9.6	9.9	9.6	9.8	10.1	10.4	10.1	10.3	10.6	10.9	
	HI PR	4	4	4	5	4	5	5	5	5	5	6	6	6	6	7	7	6	7	7	8	7	8	8	8	
LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions KW= Total system watts

Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE24A2*/CHA24T*C

COOLING OPERATION

IDB* Airflow		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
900	MBh	25.5	26.0	27.8	29.7	24.9	25.4	27.1	29.0	24.3	24.8	26.5	28.3	23.7	24.2	25.9	27.6	22.5	23.0	24.6	26.3	20.8	21.3	22.8	24.3						
	S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.76	0.57						
	Delta T	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	1.63	1.66	1.71	1.76	1.74	1.78	1.83	1.89	1.84	1.88	1.94	2.00	1.93	1.97	2.04	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26						
	AMPS	8.0	8.1	8.3	8.6	8.5	8.6	8.8	9.1	9.0	9.2	9.5	9.7	9.5	9.7	10.0	10.3	10.0	10.2	10.5	10.8	10.5	10.7	11.0	11.4						
	HI PR	4	4	5	5	5	5	5	6	5	6	6	6	6	6	7	7	7	7	7	8	8	8	9	9						
	LO PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92	98						
	MBh	64.7	25.3	27.0	28.8	24.1	24.7	26.4	28.2	23.6	24.1	25.7	27.5	23.0	23.5	25.1	26.8	21.8	22.3	23.8	25.5	20.2	20.7	22.1	23.6						
	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.95	0.89	0.73	0.54						
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15						
KW	1.58	1.61	1.66	1.71	1.69	1.72	1.78	1.83	1.79	1.82	1.88	1.94	1.88	1.91	1.97	2.03	1.95	1.99	2.05	2.12	2.06	2.10	2.17	2.24							
AMPS	7.8	7.9	8.1	8.3	8.2	8.4	8.6	8.8	8.8	8.9	9.2	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.0							
HI PR	4	4	5	5	4	5	5	5	5	5	6	6	6	6	6	7	7	7	7	8	7	8	8	9							
LO PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94							
900	MBh	25.9	26.4	27.7	29.5	25.3	25.8	27.0	28.8	24.7	25.2	26.4	28.1	24.1	24.6	25.7	27.4	22.9	23.3	24.4	26.1	21.2	21.6	22.6	24.2						
	S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.91	0.74						
	Delta T	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	23	24	23	20	22	22	21	18						
	KW	1.64	1.67	1.72	1.77	1.76	1.79	1.84	1.90	1.86	1.90	1.95	2.02	1.95	1.99	2.05	2.12	2.03	2.07	2.13	2.20	2.09	2.14	2.21	2.28						
	AMPS	8.0	8.2	8.4	8.6	8.5	8.7	8.9	9.2	9.1	9.3	9.5	9.8	9.6	9.8	10.0	10.4	10.1	10.3	10.6	10.9	10.6	10.8	11.1	11.4						
	HI PR	4	5	5	5	5	5	5	6	5	6	6	6	6	6	7	7	7	7	8	8	8	8	9	9						
	LO PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	85	91	77	82	90	95	80	85	93	99						
	MBh	25.1	25.6	26.8	28.6	24.6	25.0	26.2	28.0	24.0	24.4	25.6	27.3	23.4	23.8	25.0	26.6	22.2	22.7	23.7	25.3	20.6	21.0	22.0	23.4						
	S/T	0.87	0.84	0.76	0.62	0.90	0.87	0.79	0.64	0.93	0.89	0.81	0.65	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.97	0.87	0.71						
	Delta T	25	25	23	20	25	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	24	23	22	19						
KW	1.63	1.66	1.71	1.76	1.74	1.78	1.83	1.89	1.84	1.88	1.94	2.00	1.93	1.97	2.04	2.10	2.01	2.05	2.12	2.19	2.08	2.12	2.19	2.26							
AMPS	8.0	8.1	8.3	8.6	8.5	8.6	8.8	9.1	9.0	9.2	9.5	9.7	9.5	9.7	10.0	10.3	10.0	10.2	10.5	10.8	10.5	10.7	11.0	11.4							
HI PR	4	4	5	5	5	5	5	6	5	6	6	6	6	6	7	7	7	7	8	8	8	8	9	9							
LO PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92	98							
800	MBh	23.2	23.7	24.8	26.4	22.7	23.1	24.2	25.8	22.1	22.6	23.6	25.2	21.6	22.0	23.1	24.6	20.5	20.9	21.9	23.4	19.0	19.4	20.3	21.6						
	S/T	0.84	0.81	0.73	0.59	0.87	0.84	0.76	0.62	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.96	0.93	0.84	0.68						
	Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	25	24	21	24	24	22	19						
	KW	1.59	1.62	1.67	1.72	1.70	1.74	1.79	1.84	1.80	1.84	1.89	1.95	1.89	1.93	1.99	2.05	1.96	2.00	2.07	2.13	2.03	2.07	2.14	2.20						
	AMPS	7.8	8.0	8.1	8.4	8.3	8.4	8.7	8.9	8.8	9.0	9.2	9.5	9.3	9.5	9.7	10.0	9.8	10.0	10.3	10.6	10.3	10.5	10.8	11.1						
	HI PR	4	4	5	5	5	5	5	5	5	6	6	6	6	6	7	7	7	7	8	8	7	8	8	9						
	LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	82	89	95						
	700	MBh	22.8	23.3	24.9	26.6	22.3	22.8	24.3	26.0	21.8	22.2	23.7	25.4	21.2	21.7	23.2	24.8	20.2	20.6	22.0	23.5	18.7	19.1	20.4	21.8					
		S/T	0.80	0.75	0.61	0.46	0.83	0.78	0.63	0.47	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.91	0.86	0.70	0.52	0.92	0.86	0.70	0.52					
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	24	23	20	16	23	22	19	15					
KW		1.58	1.61	1.66	1.71	1.69	1.72	1.78	1.83	1.79	1.82	1.88	1.94	1.88	1.91	1.97	2.03	1.95	1.99	2.05	2.12	2.01	2.05	2.12	2.19						
AMPS		7.8	7.9	8.1	8.3	8.2	8.4	8.6	8.8	8.8	8.9	9.2	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.0						
HI PR		4	4	5	5	4	5	5	5	5	5	6	6	6	6	6	7	7	7	7	8	7	8	8	9						
LO PR		61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94						
MBh		25.9	26.4	27.7	29.5	25.3	25.8	27.0	28.8	24.7	25.2	26.4	28.1	24.1	24.6	25.7	27.4	22.9	23.3	24.4	26.1	21.2	21.6	22.6	24.2						
S/T		0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.91	0.74						
Delta T		24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	23	24	23	20	22	22	21	18						
KW	1.64	1.67	1.72	1.77	1.76	1.79	1.84	1.90	1.86	1.90	1.95	2.02	1.95	1.99	2.05	2.12	2.03	2.07	2.13	2.20	2.09	2.14	2.21	2.28							
AMPS	8.0	8.2	8.4	8.6	8.5	8.7	8.9	9.2	9.1	9.3	9.5	9.8	9.6	9.8	10.0	10.4	10.1	10.3	10.6	10.9	10.6	10.8	11.1	11.4							
HI PR	4	5	5	5	5	5	5	6	5	6	6	6	6	6	7	7	7	7	8	8	8	8	9	9							
LO PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	85	91	77	82	90	95	80	85	93	99							

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is ARI Rating Conditions KW=Total system watts Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA RCE24A2*

Multipliers for Cooling Expanded Performance Data with Mix Matched Indoor Sections

Indoor Section	Cap	Power	Indoor Section	Cap	Power	Indoor Section	Cap	Power
CHA18TCC+BBA24A2A	1.03	0.97	CHF30FCC+TXV+BBC36A2A	1.04	0.94			
CHA24TCC+BBA24A2A	1.01	0.97	CCF36FCC+TXV	1.01	1.01			
CHA30TCC+BBA24A2A	1.05	0.97	CCF36FCC+TXV+BBA24A2A	1.02	0.97			
CHH30TCC+BBA24A2A	1.04	0.97	CCF36FCC+TXV+BBC36A2A	1.03	0.94			
CHA18TCC+BBC36A2A	1.05	0.94	CCF24FDC+TXV	0.98	1.01			
CHA24TCC+BBC36A2A	1.03	0.94	CCF36FDC+TXV	1.02	1.01			
CHA30TCC+BBC36A2A	1.06	0.94	CHF18TCC	0.99	1.01			
CHH24TCC+BBC36A2A	1.01	0.94	CHF18TCC+BBA24A2A	1.00	0.97			
CHH30TCC+BBC36A2A	1.06	0.94	CHF18TCC+BBC36A2A	1.02	0.94			
CCA24FCC+TXV+BBA24A2A	1.03	0.97	CHF24TCC	1.02	1.01			
CCA30FCC+TXV+BBA24A2A	1.01	0.97	CHF24TCC+BBA24A2A	1.03	0.97			
CCA36FCC+TXV+BBA24A2A	1.05	0.97	CHF24TCC+BBC36A2A	1.04	0.94			
CCA24FCC+TXV+BBC36A2A	1.05	0.94	CHF30TCC	1.01	1.01			
CCA30FCC+TXV+BBC36A2A	1.03	0.94	CHF30TCC+BBA24A2A	1.02	0.97			
CCA36FCC+TXV+BBC36A2A	1.06	0.94	CHF30TCC+BBC36A2A	1.03	0.94			
CCF24FCC+TXV	0.99	1.01	BMA24F--A+TXV	1.02	0.96			
CCF24FCC+TXV+BBA24A2A	1.00	0.97						
CCF24FCC+TXV+BBC36A2A	1.02	0.94						
CCF30FCC+TXV	1.02	1.01						
CCF30FCC+TXV+BBA24A2A	1.03	0.97						

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE30A2* / CHA30T*^C

COOLING OPERATION

IDB* Airflow		Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65				75				85				95				105				115				
		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	1125	MBh	28.1	29.1	31.9	-	27.5	28.5	31.2	-	26.8	27.8	30.4	-	26.2	27.1	29.7	-	24.8	25.8	28.2	-	23.0	23.9	26.1	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		Delta T	16	14	11	-	16	14	11	-	16	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-
		KW	1.94	1.97	2.03	-	2.07	2.12	2.18	-	2.20	2.24	2.31	-	2.30	2.35	2.42	-	2.39	2.44	2.52	-	2.47	2.53	2.61	-
		AMPS	6.6	6.7	6.9	-	7.1	7.3	7.5	-	7.7	7.9	8.2	-	8.3	8.5	8.7	-	8.8	9.0	9.3	-	9.3	9.6	9.9	-
		HI PR	137	148	156	-	154	166	175	-	175	189	199	-	200	215	227	-	224	242	255	-	248	267	282	-
		LO PR	63	67	73	-	67	71	78	-	69	74	81	-	73	78	85	-	76	81	89	-	79	84	92	-
		MBh	27.8	28.9	31.6	-	27.2	28.2	30.9	-	26.5	27.5	30.1	-	25.9	26.8	29.4	-	24.6	25.5	27.9	-	22.8	23.6	25.9	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
		Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
75	1025	KW	1.93	1.97	2.03	-	2.07	2.11	2.17	-	2.19	2.24	2.30	-	2.30	2.35	2.42	-	2.39	2.44	2.52	-	2.47	2.52	2.60	-
		AMPS	6.5	6.7	6.9	-	7.1	7.2	7.5	-	7.7	7.9	8.2	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.3	9.5	9.9	-
		HI PR	137	147	156	-	154	165	175	-	175	188	199	-	199	214	226	-	224	241	254	-	247	266	281	-
		LO PR	63	67	73	-	67	71	77	-	69	74	80	-	73	77	84	-	76	81	89	-	79	84	92	-
		MBh	25.7	26.6	29.2	-	25.1	26.0	28.5	-	24.5	25.4	27.8	-	23.9	24.8	27.1	-	22.7	23.5	25.8	-	21.0	21.8	23.9	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	1.89	1.92	1.98	-	2.02	2.06	2.12	-	2.14	2.18	2.25	-	2.24	2.29	2.36	-	2.33	2.38	2.46	-	2.41	2.46	2.54	-
		AMPS	6.4	6.5	6.7	-	6.9	7.0	7.3	-	7.5	7.7	7.9	-	8.0	8.2	8.5	-	8.5	8.7	9.0	-	9.0	9.3	9.6	-
		HI PR	133	143	151	-	149	160	169	-	169	182	193	-	193	208	219	-	217	234	247	-	240	258	273	-
LO PR	61	65	71	-	65	69	75	-	67	71	78	-	71	75	82	-	74	79	86	-	76	81	89	-		
75	1125	MBh	28.6	29.4	31.9	34.2	27.9	28.8	31.1	33.4	27.3	28.1	30.4	32.6	26.6	27.4	29.6	31.8	25.3	26.0	28.2	30.2	23.4	24.1	26.1	28.0
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		Delta T	19	17	14	10	19	17	14	10	19	18	14	10	19	18	14	10	19	17	14	10	18	16	13	9
		KW	1.95	1.99	2.05	2.11	2.09	2.13	2.20	2.26	2.21	2.26	2.33	2.40	2.32	2.37	2.44	2.52	2.41	2.46	2.54	2.62	2.49	2.55	2.63	2.71
		AMPS	6.6	6.8	7.0	7.3	7.2	7.3	7.6	7.9	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.2	8.9	9.1	9.4	9.8	9.4	9.7	10.0	10.4
		HI PR	139	149	158	164	156	167	177	184	177	190	201	210	202	217	229	239	227	244	258	269	251	270	285	297
		LO PR	64	68	74	79	68	72	78	84	70	75	81	87	74	78	86	91	77	82	90	96	80	85	93	99
		MBh	28.3	29.1	31.5	33.9	27.6	28.5	30.8	33.1	27.0	27.8	30.1	32.3	26.3	27.1	29.3	31.5	25.0	25.8	27.9	29.9	23.2	23.9	25.8	27.7
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10
75	1025	KW	1.95	1.98	2.04	2.10	2.08	2.13	2.19	2.26	2.21	2.25	2.32	2.39	2.32	2.36	2.44	2.51	2.41	2.46	2.54	2.62	2.49	2.54	2.62	2.71
		AMPS	6.6	6.8	7.0	7.2	7.1	7.3	7.6	7.8	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.7	9.4	9.6	10.0	10.3
		HI PR	138	149	157	164	155	167	176	184	176	190	201	209	201	216	228	238	226	243	257	268	250	269	284	296
		LO PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99
		MBh	26.1	26.9	29.1	31.3	25.5	26.3	28.4	30.5	24.9	25.6	27.8	29.8	24.3	25.0	27.1	29.1	23.1	23.8	25.7	27.6	21.4	22.0	23.8	25.6
		S/T	0.76	0.68	0.51	0.33	0.79	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.59	0.38	0.87	0.78	0.59	0.38
		Delta T	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	1.90	1.94	2.00	2.06	2.04	2.08	2.14	2.21	2.16	2.20	2.27	2.34	2.26	2.31	2.38	2.45	2.35	2.40	2.48	2.55	2.43	2.48	2.56	2.64
		AMPS	6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.6	7.6	7.7	8.0	8.3	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5	9.1	9.4	9.7	10.0
		HI PR	134	144	152	159	151	162	171	178	171	184	195	203	195	210	222	231	219	236	249	260	242	261	275	287
LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	96		

* Entering Indoor Dry Bulb Temperature
 NOTE: Shaded area is ACCA (TVA) conditions KW=Total system watts Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE30A2* / CHA30T*C

COOLING OPERATION

IDB* Airflow		Outdoor Ambient Temperature																								
		65			75			85			95			105			115									
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
80	1125	MBh	29.1	29.7	31.8	34.0	28.4	29.0	31.0	33.2	27.7	28.4	30.3	32.4	27.1	27.7	29.6	31.6	25.7	26.3	28.1	30.0	23.8	24.3	26.0	27.8
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		Delta T	21	20	17	14	21	20	18	14	21	20	18	14	21	20	18	14	21	20	18	14	19	19	16	13
		KW	1.96	2.00	2.06	2.12	2.11	2.15	2.21	2.28	2.23	2.28	2.35	2.42	2.34	2.39	2.46	2.54	2.43	2.48	2.56	2.64	2.51	2.57	2.65	2.73
		AMPS	6.7	6.8	7.1	7.3	7.2	7.4	7.7	7.9	7.9	8.1	8.3	8.6	8.4	8.6	8.9	9.3	9.0	9.2	9.5	9.9	9.5	9.7	10.1	10.5
		HI PR	140	151	159	166	157	169	179	186	179	192	203	212	204	219	231	241	229	247	260	272	253	272	288	300
		LO PR	65	69	75	80	68	73	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100
		MBh	28.8	29.4	31.5	33.6	28.1	28.8	30.7	32.8	27.5	28.1	30.0	32.1	26.8	27.4	29.3	31.3	25.5	26.0	27.8	29.7	23.6	24.1	25.7	27.5
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	20	17	14
KW	1.96	2.00	2.06	2.12	2.10	2.14	2.21	2.28	2.22	2.27	2.34	2.41	2.33	2.38	2.46	2.53	2.43	2.48	2.56	2.64	2.51	2.56	2.64	2.73		
AMPS	6.7	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	8.9	9.2	9.5	9.8	9.5	9.7	10.0	10.4		
HI PR	140	150	159	166	157	169	178	186	178	192	203	211	203	218	231	241	228	246	260	271	252	272	287	299		
LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100		
85	1125	MBh	29.6	30.2	31.6	33.7	28.9	29.5	30.9	32.9	28.2	28.8	30.1	32.2	27.5	28.1	29.4	31.4	26.2	26.7	27.9	29.8	24.2	24.7	25.9	27.6
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75
		Delta T	22	22	21	18	23	22	21	18	23	22	21	18	23	22	21	18	21	22	21	18	20	20	20	17
		KW	1.98	2.02	2.08	2.14	2.12	2.16	2.23	2.30	2.25	2.29	2.36	2.44	2.36	2.41	2.48	2.56	2.45	2.50	2.58	2.67	2.53	2.59	2.67	2.76
		AMPS	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.3	9.6	10.0	9.6	9.8	10.2	10.6
		HI PR	141	152	161	168	159	171	180	188	181	194	205	214	206	221	234	244	231	249	263	274	256	275	290	303
		LO PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	92	97	82	87	95	101
		MBh	29.3	29.9	31.3	33.4	28.6	29.2	30.6	32.6	28.0	28.5	29.8	31.8	27.3	27.8	29.1	31.1	25.9	26.4	27.7	29.5	24.0	24.5	25.6	27.3
		S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73
		Delta T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	20	23	24	22	19	22	22	21	18
KW	1.97	2.01	2.07	2.14	2.12	2.16	2.22	2.29	2.24	2.29	2.36	2.43	2.35	2.40	2.48	2.56	2.45	2.50	2.58	2.66	2.53	2.58	2.66	2.75		
AMPS	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.6	9.9	9.6	9.8	10.1	10.5		
HI PR	141	152	160	167	158	170	180	188	180	194	205	213	205	221	233	243	231	248	262	273	255	274	290	302		
LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	101		
MBh	27.1	27.6	28.9	30.8	26.4	26.9	28.2	30.1	25.8	26.3	27.5	29.4	25.2	25.7	26.9	28.7	23.9	24.4	25.5	27.2	22.1	22.6	23.6	25.2		
S/T	0.87	0.84	0.76	0.62	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.96	0.87	0.70	1.00	0.97	0.87	0.71		
Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	22	23	25	23	20	23	23	22	19		
KW	1.93	1.97	2.03	2.09	2.07	2.11	2.17	2.24	2.19	2.23	2.30	2.37	2.30	2.34	2.42	2.49	2.39	2.44	2.51	2.60	2.47	2.52	2.60	2.68		
AMPS	6.5	6.7	6.9	7.2	7.1	7.2	7.5	7.8	7.7	7.9	8.1	8.5	8.2	8.4	8.7	9.1	8.8	9.0	9.3	9.7	9.3	9.5	9.9	10.2		
HI PR	137	147	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293		
LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	89	94	79	84	92	97		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions KW=Total system watts Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

Expanded Performance Data RCE30A2*

Multipliers for Cooling Expanded Performance Data with Mix Matched Indoor Sections

Indoor Section	Cap	Power	Indoor Section	Cap	Power	Indoor Section	Cap	Power
CHA18T*C	0.96	1.15	CHH36T(C,D)+BBC36A2A	1.02	1.09	CCH24FCC+TXV+BBC36A2A	0.97	1.09
CHA24T*C	0.96	1.16	CCF24FCC+TXV+BBC36A2A	0.98	1.10	CCH30FCC+TXV+BBC36A2A	1.02	1.09
CHA36T*C	1.01	1.16	CCF30FCC+TXV+BBC36A2A	1.01	1.11	CCH36FCC+TXV+BBC36A2A	1.02	1.09
CHA42T*C	1.01	1.16	CCF36FCC+TXV+BBC36A2A	0.99	1.10	CCF24FCC+TXV+BBA24A2A	0.97	1.15
CHH24T(C,D)	0.95	1.16	CCA36FKC+TXV+BBC60A2A	1.05	1.07	CCF36FDC+TXV	0.99	1.16
CHH30T(C,D)	1.00	1.16	BHA24TB**2A	1.01	1.09	CCF36FDC+TXV+BBA48A2A	1.00	1.15
CHH36T(C,D)	1.00	1.16	BHA30TB**2A	1.05	1.16	CCF42FCC+TXV	1.00	1.16
CCF24FCC+TXV	0.96	1.16	BHA36TB**2A	1.05	1.10	CCF42FCC+TXV+BBA48A2A	1.01	1.15
CCF30FCC+TXV	0.98	1.16	CCA24F*C+TXV	0.96	1.15	CHF18TCC	0.96	1.16
CCF36FCC+TXV	0.97	1.16	CCA30F*C+TXV	0.96	1.16	CHF24TCC	0.98	1.16
CHA18TCC+BBA36A2A	0.96	1.14	CCA42F*C+TXV	1.01	1.16	CHF30TCC	0.97	1.16
CHA24TCC+BBA36A2A	0.96	1.15	CCA48F*C+TXV	1.01	1.16	CHF18TCC+BBA36A2A	0.97	1.15
CHA30TCC+BBA36A2A	1.00	1.15	CCH24FCC+TXV	0.95	1.16	CHF24TCC+BBA36A2A	0.99	1.16
CHA36TCC+BBA36A2A	1.01	1.15	CCH30FCC+TXV	1.00	1.16	CHF30TCC+BBA36A2A	0.98	1.15
CHH24T(C,D)+BBA36A2A	0.96	1.15	CCH36FCC+TXV	1.00	1.16	CHF18TCC+BBC36A2A	0.98	1.10
CHH30T(C,D)+BBA36A2A	1.00	1.15	CCA24FCC+TXV+BBA36A2A	0.96	1.14	CHF24TCC+BBC36A2A	1.01	1.11
CHH36T(C,D)+BBA36A2A	1.00	1.15	CCA30FCC+TXV+BBA36A2A	0.96	1.15	CHF30TCC+BBC36A2A	0.99	1.10
CCF24FCC+TXV+BBA36A2A	0.97	1.15	CCA36FCC+TXV+BBA36A2A	1.00	1.15	CHF18TCC+BBA24A2A	0.97	1.15
CCF30FCC+TXV+BBA36A2A	0.99	1.16	CCA42FCC+TXV+BBA36A2A	1.01	1.15	CHF36TCC	1.00	1.16
CCF36FCC+TXV+BBA36A2A	0.98	1.15	CCH24FCC+TXV+BBA36A2A	0.96	1.15	CHF36TCC+BBA48A2A	1.01	1.15
CHA18TCC+BBC36A2A	0.98	1.09	CCH30FCC+TXV+BBA36A2A	1.00	1.15	CCA36FCC+TXV	1.00	1.15
CHA24TCC+BBC36A2A	0.98	1.09	CCH36FCC+TXV+BBA36A2A	1.00	1.15	CHA30T*C+GUIC70	1.02	1.16
CHA30TCC+BBC36A2A	1.02	1.09	CCA24FCC+TXV+BBC36A2A	0.98	1.09	CHA30T*C	1.00	1.16
CHA36TCC+BBC36A2A	1.02	1.09	CCA30FCC+TXV+BBC36A2A	0.98	1.09			
CHH24T(C,D)+BBC36A2A	0.97	1.09	CCA36FCC+TXV+BBC36A2A	1.02	1.09			
CHH30T(C,D)+BBC36A2A	1.02	1.09		1.02	1.09			

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE36A2* / CHA36T*C

COOLING OPERATION

		Outdoor Ambient Temperature																																	
		65				75				85				95				105				115													
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
70	1350	MBh	35.8	37.1	40.6	-	34.9	36.2	39.7	-	34.1	35.3	38.7	-	33.3	34.5	37.8	-	31.6	32.8	35.9	-	29.3	30.3	33.2	-	-	-	-	-	-	-	-	-	
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	-	-	-	-	-	-	-	-	
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	-	-	-	-	-	-	-	-	
	1200	KW	2.39	2.43	2.50	-	2.55	2.60	2.67	-	2.69	2.75	2.83	-	2.82	2.88	2.96	-	2.93	2.99	3.08	-	3.02	3.09	3.18	-	-	-	-	-	-	-	-	-	
		AMPS	9.6	9.8	10.0	-	10.2	10.4	10.7	-	11.0	11.2	11.6	-	11.7	11.9	12.3	-	12.3	12.6	13.0	-	13.0	13.3	13.7	-	-	-	-	-	-	-	-	-	
		HI PR	128	138	146	-	144	155	164	-	164	176	186	-	187	201	212	-	210	226	239	-	232	250	264	-	-	-	-	-	-	-	-	-	
	1050	LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-	-	-	-	-	-	-	-	-	
		MBh	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	30.7	31.8	34.8	-	28.4	29.5	32.3	-	-	-	-	-	-	-	-	-	
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.76	0.63	0.44	-	-	-	-	-	-	-	-	-	
	75	1350	Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	16	14	11	-	-	-	-	-	-	-	-	-
			KW	2.37	2.42	2.48	-	2.53	2.58	2.66	-	2.68	2.73	2.81	-	2.80	2.86	2.94	-	2.91	2.97	3.06	-	3.00	3.06	3.16	-	-	-	-	-	-	-	-	-
			AMPS	9.5	9.7	10.0	-	10.1	10.4	10.6	-	10.9	11.1	11.5	-	11.6	11.8	12.2	-	12.2	12.5	12.9	-	12.9	13.1	13.5	-	-	-	-	-	-	-	-	-
1200		HI PR	127	137	144	-	143	154	162	-	162	175	184	-	185	199	210	-	208	224	236	-	230	247	261	-	-	-	-	-	-	-	-	-	
		LO PR	61	65	71	-	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-	-	-	-	-	-	-	-	-	
		MBh	32.0	33.2	36.4	-	31.3	32.4	35.5	-	30.6	31.7	34.7	-	29.8	30.9	33.9	-	28.3	29.4	32.2	-	26.2	27.2	29.8	-	-	-	-	-	-	-	-	-	
1050		S/T	0.64	0.53	0.37	-	0.66	0.55	0.38	-	0.68	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.73	0.61	0.42	-	-	-	-	-	-	-	-	-	
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	-	-	-	-	-	-	-	-	
		KW	2.32	2.36	2.43	-	2.48	2.52	2.60	-	2.62	2.67	2.74	-	2.74	2.79	2.88	-	2.84	2.90	2.99	-	2.93	2.99	3.08	-	-	-	-	-	-	-	-	-	
70		1350	AMPS	9.3	9.5	9.7	-	9.9	10.1	10.4	-	10.6	10.9	11.2	-	11.3	11.5	11.9	-	11.9	12.2	12.5	-	12.5	12.8	13.2	-	-	-	-	-	-	-	-	-
			HI PR	123	133	140	-	138	149	157	-	157	169	179	-	179	193	204	-	202	217	229	-	223	240	253	-	-	-	-	-	-	-	-	-
			LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-	-	-	-	-	-	-	-	-
	1200	MBh	36.4	37.4	40.5	43.5	35.5	36.6	39.6	42.5	34.7	35.7	38.6	41.5	33.8	34.8	37.7	40.5	32.1	33.1	35.8	38.4	29.8	30.7	33.2	35.6	-	-	-	-	-	-	-	-	
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	-	-	-	-	-	-	-	-	
		Delta T	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	-	-	-	-	-	-	-	-	
	1050	KW	2.40	2.45	2.52	2.59	2.57	2.62	2.70	2.77	2.72	2.77	2.85	2.94	2.84	2.90	2.99	3.08	2.95	3.01	3.10	3.20	3.05	3.11	3.21	3.31	-	-	-	-	-	-	-	-	
		AMPS	9.6	9.8	10.1	10.4	10.3	10.5	10.8	11.2	11.1	11.3	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.1	13.5	13.1	13.4	13.8	14.2	-	-	-	-	-	-	-	-	
		HI PR	130	140	147	154	146	157	165	173	166	178	188	196	189	203	214	223	212	228	241	251	234	252	266	278	-	-	-	-	-	-	-	-	
	75	1350	LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	89	96	-	-	-	-	-	-	-	-
			MBh	35.3	36.4	39.3	42.2	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.8	33.8	36.6	39.3	31.2	32.1	34.8	37.3	28.9	29.8	32.2	34.6	-	-	-	-	-	-	-	-
			S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.86	0.77	0.58	0.38	-	-	-	-	-	-	-	-
1200		Delta T	20	19	15	11	21	19	15	11	21	19	16	11	21	19	16	11	21	19	15	11	19	18	14	10	-	-	-	-	-	-	-	-	
		KW	2.39	2.43	2.50	2.57	2.55	2.60	2.68	2.75	2.70	2.75	2.83	2.91	2.82	2.88	2.97	3.06	2.93	2.99	3.08	3.18	3.02	3.09	3.18	3.28	-	-	-	-	-	-	-	-	
		AMPS	9.6	9.8	10.0	10.4	10.2	10.4	10.7	11.1	11.0	11.2	11.6	11.9	11.7	11.9	12.3	12.7	12.3	12.6	13.0	13.4	13.0	13.3	13.7	14.1	-	-	-	-	-	-	-	-	
1050		HI PR	128	138	146	152	144	155	164	171	164	176	186	194	187	201	212	221	210	226	239	249	232	250	264	275	-	-	-	-	-	-	-	-	
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95	-	-	-	-	-	-	-	-	
		MBh	32.6	33.6	36.3	39.0	31.8	32.8	35.5	38.1	31.1	32.0	34.6	37.2	30.3	31.2	33.8	36.3	28.8	29.7	32.1	34.4	26.7	27.5	29.7	31.9	-	-	-	-	-	-	-	-	
70		S/T	0.72	0.65	0.49	0.32	0.75	0.67	0.51	0.33	0.77	0.69	0.52	0.33	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.83	0.74	0.56	0.36	-	-	-	-	-	-	-	-	
		Delta T	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	2.34	2.38	2.45	2.52	2.50	2.54	2.62	2.69	2.64	2.69	2.77	2.85	2.76	2.81	2.90	2.99	2.86	2.92	3.01	3.10	2.95	3.01	3.11	3.20	-	-	-	-	-	-	-	-	
75	AMPS	9.3	9.5	9.8	10.1	10.0	10.2	10.5	10.8	10.7	11.0	11.3	11.6	11.4	11.6	12.0	12.4	12.0	12.3	12.6	13.1	12.6	12.9	13.3	13.8	-	-	-	-	-	-	-	-		
	HI PR	125	134	142	148	140	150	159	166	159	171	181	188	181	195	206	215	204	219	232	241	225	242	256	267	-	-	-	-	-	-	-	-		
	LO PR	59	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92	-	-	-	-	-	-	-	-		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions KW= Total system watts

Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE36A2* / CHA36T°C

COOLING OPERATION

IDB*	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65				75				85				95				105				115				
		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	1350	MBh	37.0	37.8	40.4	43.2	36.2	36.9	39.5	42.2	35.3	36.1	38.5	41.2	34.4	35.2	37.6	40.2	32.7	33.4	35.7	38.2	30.3	31.0	33.1	35.4
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.93	0.76	0.57
		Delta T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	22	21	18	15	21	20	17	14
	KW	2.42	2.47	2.54	2.61	2.59	2.64	2.72	2.80	2.74	2.79	2.87	2.96	2.87	2.92	3.01	3.10	2.98	3.04	3.13	3.23	3.07	3.13	3.23	3.33	
	AMPS	9.7	9.9	10.2	10.5	10.4	10.6	10.9	11.3	11.2	11.4	11.7	12.1	11.8	12.1	12.5	12.9	12.5	12.8	13.2	13.6	13.2	13.5	13.9	14.4	
	HI PR	131	141	149	155	147	158	167	174	167	180	190	198	190	205	216	226	214	231	243	254	237	255	269	281	
	LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	
	MBh	35.9	36.7	39.2	41.9	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.4	34.2	36.5	39.0	31.8	32.4	34.7	37.1	29.4	30.1	32.1	34.3	
	S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.51	0.94	0.88	0.72	0.53	0.94	0.89	0.72	0.54	
	Delta T	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	2.40	2.45	2.52	2.59	2.57	2.62	2.70	2.78	2.72	2.77	2.85	2.94	2.84	2.90	2.99	3.08	2.95	3.01	3.10	3.20	3.05	3.11	3.21	3.31		
AMPS	9.6	9.8	10.1	10.4	10.3	10.5	10.8	11.2	11.1	11.3	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.1	13.5	13.1	13.4	13.8	14.3		
HI PR	130	140	147	154	146	157	165	173	166	178	188	196	189	203	214	224	212	228	241	251	234	252	266	278		
LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96		
1050	1350	MBh	33.2	33.9	36.2	38.7	32.4	33.1	35.4	37.8	31.6	32.3	34.5	36.9	30.9	31.5	33.7	36.0	29.3	30.0	32.0	34.2	27.2	27.7	29.6	31.7
		S/T	0.79	0.74	0.61	0.45	0.82	0.77	0.63	0.47	0.84	0.79	0.64	0.48	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.52	0.91	0.85	0.70	0.52
		Delta T	23	22	19	15	23	22	19	16	23	22	19	16	24	23	20	16	23	22	19	15	22	21	18	14
	KW	2.35	2.40	2.46	2.54	2.51	2.56	2.64	2.71	2.65	2.71	2.79	2.87	2.78	2.84	2.92	3.01	2.89	2.94	3.03	3.13	2.98	3.04	3.13	3.23	
	AMPS	9.4	9.6	9.9	10.2	10.1	10.3	10.6	10.9	10.8	11.0	11.4	11.7	11.5	11.7	12.1	12.5	12.1	12.4	12.7	13.2	12.8	13.0	13.4	13.9	
	HI PR	126	135	143	149	141	152	160	167	161	173	183	190	183	197	208	217	206	221	234	244	227	245	258	269	
	LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	81	86	73	77	84	90	75	80	87	93	
	MBh	37.7	38.4	40.2	42.9	36.8	37.5	39.3	41.9	35.9	36.6	38.3	40.9	35.0	35.7	37.4	39.9	33.3	33.9	35.5	37.9	30.8	31.4	32.9	35.1	
	S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73	
	Delta T	23	23	22	19	23	23	22	19	24	23	22	19	24	23	22	19	23	23	22	19	21	21	20	18	
KW	2.44	2.49	2.56	2.63	2.61	2.66	2.74	2.82	2.76	2.81	2.89	2.98	2.89	2.95	3.03	3.13	3.00	3.06	3.15	3.25	3.09	3.16	3.26	3.36		
AMPS	9.8	10.0	10.3	10.6	10.5	10.7	11.0	11.4	11.3	11.5	11.8	12.2	11.9	12.2	12.6	13.0	12.6	12.9	13.3	13.7	13.3	13.6	14.0	14.5		
HI PR	132	142	150	157	149	160	169	176	169	182	192	200	192	207	219	228	216	233	246	257	239	257	272	283		
LO PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92	98		
85	1350	MBh	36.6	37.3	39.0	41.6	35.7	36.4	38.1	40.7	34.9	35.5	37.2	39.7	34.0	34.7	36.3	38.7	32.3	32.9	34.5	36.8	29.9	30.5	32.0	34.1
		S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.78	0.63	0.92	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.95	0.86	0.69	0.99	0.96	0.86	0.70
		Delta T	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	23	20	23	22	21	18
	KW	2.42	2.47	2.54	2.61	2.59	2.64	2.72	2.80	2.74	2.79	2.87	2.96	2.87	2.92	3.01	3.10	2.98	3.04	3.13	3.23	3.07	3.13	3.23	3.33	
	AMPS	9.7	9.9	10.2	10.5	10.4	10.6	10.9	11.3	11.2	11.4	11.7	12.1	11.8	12.1	12.5	12.9	12.5	12.8	13.2	13.6	13.2	13.5	13.9	14.4	
	HI PR	131	141	149	155	147	158	167	174	167	180	190	198	190	205	216	226	214	231	243	254	237	255	269	281	
	LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	
	MBh	33.7	34.4	36.0	38.4	33.0	33.6	35.2	37.5	32.2	32.8	34.4	36.6	31.4	32.0	33.5	35.8	29.8	30.4	31.8	34.0	27.6	28.2	29.5	31.5	
	S/T	0.83	0.80	0.72	0.59	0.86	0.83	0.75	0.61	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.95	0.92	0.83	0.67	
	Delta T	25	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	25	24	23	20	23	23	21	19	
KW	2.37	2.41	2.48	2.55	2.53	2.58	2.65	2.73	2.67	2.73	2.81	2.89	2.80	2.86	2.94	3.03	2.91	2.97	3.06	3.15	3.00	3.06	3.15	3.25		
AMPS	9.5	9.7	9.9	10.3	10.1	10.4	10.6	11.0	10.9	11.1	11.5	11.8	11.6	11.8	12.2	12.6	12.2	12.5	12.9	13.3	12.9	13.1	13.5	14.0		
HI PR	127	137	144	151	143	153	162	169	162	175	184	192	185	199	210	219	208	224	236	246	230	247	261	272		
LO PR	61	65	71	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94		

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is ARI Rating Conditions KW=Total system watts Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA RCE36A2*

Multipliers for Cooling Expanded Performance Data with Mix Matched Indoor Sections

Indoor Section	Cap	Power	Indoor Section	Cap	Power	Indoor Section	Cap	Power
CHA30TCC+BBA36A2A	1.01	0.98	CCF36FCC+TXV	0.95	0.97	CCA48FCC+TXV+BBC48A2A	1.04	0.94
CHA36TCC+BBA36A2A	1.02	0.98	CCF36FCC+TXV+BBA36A2A	0.96	0.98	CCF36FDC+TXV+BBC48A2A	1.00	0.94
CHA42TCC+BBA48A2A	1.03	0.98	CCF36FCC+TXV+BBC36A2A	0.97	0.93	CHF36TCC+BBC48A2A	1.01	0.94
CHH36TCC+BBA36A2A	1.01	0.98	CCF36FDC+TXV	0.99	0.99	CCF42FCC+TXV+BBC48A2A	1.01	0.94
CHH48TCC+BBA48A2A	1.04	0.98	CCF36FDC+TXV+BBA48A2A	0.99	0.98	BMA36F--A+TXV	1.02	0.98
CHA30TCC+BBC36A2A	1.02	0.95	CCF42FCC+TXV	1.00	0.99	BMA42F--A+TXV	1.02	0.98
CHA36TCC+BBC36A2A	1.02	0.95	CCF42FCC+TXV+BBA48A2A	1.00	0.98			
CCA36FKC+TXV+BBC60A2A	1.04	0.90	CCF48FDC+TXV	1.00	0.99			
CCA48FDC+TXV+BBC60A2A	1.06	0.90	CCF48FDC+TXV+BBA60A2A	1.00	0.98			
CHH30TCC+BBC36A2A	1.01	0.95	CCF48FDC+TXV+BBC60A2A	1.03	0.90			
CHH36TCC+BBC36A2A	1.01	0.95	CHF24TCC	0.97	0.97			
CHH48TCC+BBC60A2A	1.06	0.90	CHF24TCC+BBA36A2A	0.97	0.98			
CCA36FCC+TXV+BBA36A2A	1.01	0.98	CHF24TCC+BBC36A2A	0.98	0.93			
CCA42FCC+TXV+BBA36A2A	1.02	0.98	CHF30TCC	0.95	0.97			
CCA48FCC+TXV+BBA48A2A	1.03	0.98	CHF30TCC+BBA36A2A	0.96	0.98			
CCA36FCC+TXV+BBC36A2A	1.02	0.95	CHF30TCC+BBC36A2A	0.97	0.93			
CCA42FCC+TXV+BBC36A2A	1.02	0.95	CHF36TCC	1.00	0.99			
CCF30FCC+TXV	0.97	0.97	CHF36TCC+BBA48A2A	1.00	0.98			
CCF30FCC+TXV+BBA36A2A	0.97	0.98	CCA42FDC+TXV+BBC48A2A	1.03	0.94			
CCF30FCC+TXV+BBC36A2A	0.98	0.93	CHA42TCC+BBC48A2A	1.04	0.94			

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE42A2* / CHA42T*^C

COOLING OPERATION

IDB* Airflow		Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65				75				85				95				105				115				
		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	1575	MBh	40.8	42.2	46.3	-	39.8	41.3	45.2	-	38.9	40.3	44.1	-	37.9	39.3	43.0	-	36.0	37.3	40.9	-	33.4	34.6	37.9	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
		Delta T	16	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	15	13	10	-
		KW	2.71	2.76	2.83	-	2.89	2.95	3.03	-	3.06	3.12	3.21	-	3.20	3.27	3.36	-	3.32	3.39	3.49	-	3.43	3.50	3.61	-
		AMPS	9.4	9.6	10.0	-	10.2	10.4	10.7	-	11.0	11.3	11.6	-	11.8	12.0	12.4	-	12.5	12.8	13.2	-	13.2	13.5	14.0	-
		HI PR	130	140	148	-	146	158	166	-	166	179	189	-	190	204	215	-	213	230	242	-	236	254	268	-
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-
		MBh	39.6	41.0	44.9	-	38.6	40.1	43.9	-	37.7	39.1	42.8	-	36.8	38.1	41.8	-	35.0	36.2	39.7	-	32.4	33.6	36.8	-
		S/T	0.66	0.55	0.38	-	0.69	0.57	0.40	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	18	15	11	-	16	14	11	-
KW	2.69	2.74	2.81	-	2.87	2.93	3.01	-	3.03	3.09	3.18	-	3.18	3.24	3.34	-	3.30	3.37	3.47	-	3.40	3.47	3.58	-		
AMPS	9.3	9.6	9.9	-	10.1	10.3	10.6	-	10.9	11.2	11.5	-	11.7	11.9	12.3	-	12.4	12.7	13.1	-	13.1	13.4	13.9	-		
HI PR	129	139	147	-	145	156	165	-	165	177	187	-	188	202	213	-	211	227	240	-	233	251	265	-		
LO PR	59	62	68	-	62	66	72	-	64	69	75	-	68	72	79	-	71	75	82	-	73	78	85	-		
MBh	36.5	37.9	41.5	-	35.7	37.0	40.5	-	34.8	36.1	39.5	-	34.0	35.2	38.6	-	32.3	33.4	36.6	-	29.9	31.0	33.9	-		
S/T	0.64	0.53	0.37	-	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.73	0.61	0.42	-	0.73	0.61	0.42	-		
Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-		
KW	2.63	2.68	2.75	-	2.81	2.86	2.94	-	2.97	3.02	3.11	-	3.11	3.17	3.26	-	3.22	3.29	3.39	-	3.33	3.39	3.50	-		
AMPS	9.1	9.3	9.6	-	9.8	10.0	10.4	-	10.6	10.9	11.2	-	11.3	11.6	12.0	-	12.1	12.3	12.7	-	12.8	13.1	13.5	-		
HI PR	125	135	142	-	141	151	160	-	160	172	182	-	182	196	207	-	205	220	233	-	226	244	257	-		
LO PR	57	61	66	-	60	64	70	-	62	66	73	-	66	70	76	-	69	73	80	-	71	76	83	-		
75	1575	MBh	41.4	42.7	46.2	49.6	40.5	41.7	45.1	48.4	39.5	40.7	44.0	47.3	38.6	39.7	43.0	46.1	36.6	37.7	40.8	43.8	33.9	34.9	37.8	40.6
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		Delta T	19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	10	19	18	14	10	18	16	14	9
		KW	2.73	2.78	2.86	2.94	2.91	2.97	3.06	3.15	3.08	3.14	3.23	3.33	3.23	3.29	3.39	3.49	3.35	3.42	3.52	3.63	3.46	3.53	3.64	3.75
		AMPS	9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.5	13.0	12.6	12.9	13.3	13.8	13.4	13.7	14.1	14.7
		HI PR	132	142	150	156	148	159	168	175	168	181	191	199	192	206	218	227	216	232	245	255	238	256	271	282
		LO PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	90	75	80	87	93
		MBh	40.2	41.4	44.8	48.1	39.3	40.5	43.8	47.0	38.4	39.5	42.8	45.9	37.4	38.5	41.7	44.8	35.6	36.6	39.6	42.5	32.9	33.9	36.7	39.4
		S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.86	0.77	0.58	0.38
		Delta T	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10
KW	2.71	2.76	2.84	2.92	2.89	2.95	3.03	3.12	3.06	3.12	3.21	3.31	3.20	3.27	3.36	3.47	3.32	3.39	3.50	3.60	3.43	3.50	3.61	3.72		
AMPS	9.4	9.6	10.0	10.3	10.2	10.4	10.7	11.1	11.0	11.3	11.6	12.1	11.8	12.0	12.4	12.9	12.5	12.8	13.2	13.7	13.2	13.6	14.0	14.5		
HI PR	130	140	148	155	146	158	166	174	167	179	189	197	190	204	216	225	213	230	242	253	236	254	268	279		
LO PR	59	63	69	73	63	67	73	77	65	69	76	81	68	73	79	85	72	76	83	89	74	79	86	92		
MBh	37.1	38.2	41.4	44.4	36.3	37.3	40.4	43.4	35.4	36.5	39.5	42.4	34.5	35.6	38.5	41.3	32.8	33.8	36.6	39.3	30.4	31.3	33.9	36.4		
S/T	0.72	0.65	0.49	0.32	0.75	0.67	0.51	0.33	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.83	0.74	0.56	0.36		
Delta T	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	21	19	15	11	19	17	14	10		
KW	2.65	2.70	2.77	2.85	2.83	2.88	2.97	3.05	2.99	3.05	3.14	3.23	3.13	3.19	3.29	3.39	3.25	3.31	3.41	3.52	3.35	3.42	3.52	3.63		
AMPS	9.2	9.4	9.7	10.0	9.9	10.1	10.5	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.5	12.2	12.5	12.9	13.3	12.9	13.2	13.6	14.1		
HI PR	127	136	144	150	142	153	161	168	162	174	184	191	184	198	209	218	207	223	235	245	229	246	260	271		
LO PR	57	61	67	71	61	65	71	75	63	67	73	78	66	71	77	82	69	74	81	86	72	76	83	89		

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is ACCA (TVA) conditions KW=Total system watts Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE42A2* / CHA42T*C

COOLING OPERATION

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		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	1575	MBh	42.2	43.1	46.0	49.2	41.2	42.1	45.0	48.1	40.2	41.1	43.9	46.9	39.2	40.1	42.8	45.8	37.3	38.1	40.7	43.5	34.5	35.3	37.7	40.3
		S/T	0.86	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	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.93	0.76	0.57
		Delta T	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	14	22	21	18	14	20	19	17	13
		KW	2.74	2.80	2.88	2.96	2.93	2.99	3.08	3.17	3.10	3.16	3.26	3.36	3.25	3.32	3.42	3.52	3.38	3.45	3.55	3.66	3.48	3.56	3.67	3.78
		AMPS	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.1	12.7	13.0	13.5	14.0	13.5	13.8	14.3	14.8
		HI PR	133	143	151	158	149	161	170	177	170	183	193	201	193	208	220	229	218	234	247	258	241	259	273	285
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94
		MBh	41.0	41.8	44.7	47.8	40.0	40.9	43.7	46.7	39.0	39.9	42.6	45.6	38.1	38.9	41.6	44.5	36.2	37.0	39.5	42.2	33.5	34.3	36.6	39.1
		S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54
		Delta T	22	21	18	15	22	21	19	15	22	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14
KW	2.73	2.78	2.86	2.94	2.91	2.97	3.06	3.15	3.08	3.14	3.23	3.33	3.23	3.29	3.39	3.49	3.35	3.42	3.52	3.63	3.46	3.53	3.64	3.75		
AMPS	9.5	9.7	10.0	10.4	10.3	10.5	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.0	12.6	12.9	13.3	13.8	13.4	13.7	14.1	14.7		
HI PR	132	142	150	156	148	159	168	175	168	181	191	199	192	206	218	227	216	232	245	255	238	256	271	282		
LO PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	90	75	80	87	93		
MBh	37.8	38.6	41.3	44.1	36.9	37.7	40.3	43.1	36.0	36.8	39.3	42.1	35.2	35.9	38.4	41.0	33.4	34.1	36.5	39.0	30.9	31.6	33.8	36.1		
S/T	0.79	0.75	0.61	0.45	0.82	0.77	0.63	0.47	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.91	0.86	0.70	0.52		
Delta T	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	2.67	2.72	2.79	2.87	2.85	2.90	2.99	3.08	3.01	3.07	3.16	3.26	3.15	3.22	3.31	3.41	3.27	3.34	3.44	3.55	3.38	3.45	3.55	3.66		
AMPS	9.3	9.5	9.8	10.1	10.0	10.2	10.5	10.9	10.8	11.1	11.4	11.9	11.5	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.7	14.3		
HI PR	128	138	145	152	143	154	163	170	163	176	185	193	186	200	211	220	209	225	238	248	231	249	262	274		
LO PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90		
MBh	42.9	43.7	45.8	48.9	41.9	42.7	44.8	47.7	40.9	41.7	43.7	46.6	39.9	40.7	42.6	45.5	37.9	38.7	40.5	43.2	35.1	35.8	37.5	40.0		
S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.73		
Delta T	23	22	21	18	23	23	21	18	23	23	21	19	23	23	22	19	22	22	21	18	21	21	20	17		
KW	2.76	2.82	2.90	2.98	2.96	3.01	3.10	3.19	3.13	3.19	3.28	3.38	3.27	3.34	3.44	3.55	3.40	3.47	3.58	3.69	3.51	3.58	3.69	3.81		
AMPS	9.7	9.9	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.4	12.1	12.4	12.8	13.3	12.8	13.2	13.6	14.1	13.6	13.9	14.4	14.9		
HI PR	134	145	153	159	151	162	171	179	172	185	195	203	195	210	222	232	220	237	250	261	243	261	276	288		
LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94		
MBh	41.7	42.5	44.5	47.5	40.7	41.5	43.4	46.4	39.7	40.5	42.4	45.2	38.8	39.5	41.4	44.1	36.8	37.5	39.3	41.9	34.1	34.8	36.4	38.8		
S/T	0.86	0.83	0.75	0.61	0.90	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.83	0.67	0.98	0.95	0.86	0.69	0.99	0.96	0.86	0.70		
Delta T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	24	23	22	19	22	22	21	18		
KW	2.74	2.80	2.88	2.96	2.93	2.99	3.08	3.17	3.10	3.16	3.26	3.36	3.25	3.32	3.42	3.52	3.38	3.45	3.55	3.66	3.48	3.56	3.67	3.78		
AMPS	9.6	9.8	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.1	12.7	13.0	13.5	14.0	13.5	13.8	14.3	14.8		
HI PR	133	143	151	158	149	161	170	177	170	183	193	201	193	208	220	229	218	234	247	258	241	259	273	285		
LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94		
MBh	38.5	39.2	41.1	43.8	37.6	38.3	40.1	42.8	36.7	37.4	39.1	41.8	35.8	36.5	38.2	40.7	34.0	34.6	36.3	38.7	31.5	32.1	33.6	35.9		
S/T	0.83	0.80	0.73	0.59	0.86	0.83	0.75	0.61	0.89	0.85	0.77	0.63	0.91	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.96	0.92	0.83	0.68		
Delta T	24	24	22	19	24	24	23	20	24	24	23	20	25	24	23	20	24	24	22	19	23	22	21	18		
KW	2.69	2.74	2.81	2.90	2.87	2.93	3.01	3.10	3.03	3.09	3.18	3.28	3.18	3.24	3.34	3.44	3.30	3.37	3.47	3.57	3.40	3.47	3.58	3.69		
AMPS	9.3	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.9	11.2	11.5	12.0	11.7	11.9	12.3	12.8	12.4	12.7	13.1	13.6	13.1	13.4	13.9	14.4		
HI PR	129	139	147	153	145	156	165	172	165	177	187	195	188	202	213	222	211	227	240	250	233	251	265	277		
LO PR	59	62	68	73	62	66	72	77	64	69	75	80	68	72	79	84	71	75	82	88	73	78	85	91		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions KW=Total system watts Amps=Outdoor unit amps(compressor+fan)

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE48A2* / CHA60T*C

COOLING OPERATION

IDB*	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature													
		65				75				85				95				105				115					
		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	1800	MBh	46.5	48.2	52.9	-	45.5	47.1	51.6	-	44.4	46.0	50.4	-	43.3	44.9	49.2	-	41.1	42.6	46.7	-	38.1	39.5	43.3	-	
		S/T	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.88	0.73	0.51	-	0.88	0.74	0.51	-	
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	1600	KW	3.10	3.16	3.25	-	3.32	3.39	3.49	-	3.51	3.58	3.69	-	3.68	3.76	3.87	-	3.83	3.91	4.03	-	3.95	4.04	4.16	-	
		AMPS	11.1	11.4	11.8	-	12.0	12.3	12.7	-	13.1	13.4	13.8	-	14.0	14.3	14.8	-	14.9	15.2	15.7	-	15.8	16.1	16.7	-	
		HI PR	137	147	156	-	154	165	175	-	175	188	199	-	199	214	226	-	224	241	254	-	247	266	281	-	
	1400	LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-	
		MBh	45.2	46.8	51.3	-	44.1	45.7	50.1	-	43.1	44.7	48.9	-	42.0	43.6	47.7	-	39.9	41.4	45.4	-	37.0	38.3	42.0	-	
		S/T	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-	
	75	1800	Delta T	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
			KW	3.08	3.14	3.23	-	3.30	3.36	3.46	-	3.49	3.56	3.66	-	3.66	3.73	3.84	-	3.80	3.88	4.00	-	3.92	4.01	4.13	-
			AMPS	11.0	11.3	11.7	-	11.9	12.2	12.6	-	13.0	13.3	13.7	-	13.8	14.2	14.7	-	14.7	15.1	15.6	-	15.6	16.0	16.5	-
1600		HI PR	136	146	154	-	152	164	173	-	173	186	197	-	197	212	224	-	222	239	252	-	245	264	278	-	
		LO PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	76	81	89	-	
		MBh	41.7	43.2	47.4	-	40.7	42.2	46.3	-	39.8	41.2	45.2	-	38.8	40.2	44.1	-	36.9	38.2	41.9	-	34.1	35.4	38.8	-	
1400		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
		KW	3.01	3.07	3.16	-	3.22	3.28	3.38	-	3.41	3.48	3.58	-	3.57	3.64	3.75	-	3.71	3.79	3.90	-	3.83	3.91	4.03	-	
1800		AMPS	10.8	11.0	11.4	-	11.6	11.9	12.3	-	12.6	12.9	13.3	-	13.5	13.8	14.3	-	14.3	14.7	15.2	-	15.2	15.5	16.1	-	
		HI PR	132	142	149	-	148	159	168	-	168	181	191	-	191	206	217	-	215	231	244	-	238	256	270	-	
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-	
1600	MBh	47.3	48.7	52.8	56.6	46.2	47.6	51.5	55.3	45.1	46.5	50.3	54.0	44.0	45.3	49.1	52.7	41.8	43.1	46.6	50.0	38.7	39.9	43.2	46.3		
	S/T	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	1.00	0.89	0.67	0.43	1.00	0.90	0.68	0.44		
	Delta T	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10		
1400	KW	3.12	3.18	3.28	3.37	3.34	3.41	3.51	3.62	3.54	3.61	3.72	3.84	3.71	3.79	3.91	4.03	3.86	3.94	4.06	4.19	3.99	4.07	4.20	4.33		
	AMPS	11.2	11.5	11.9	12.3	12.2	12.4	12.9	13.3	13.2	13.5	14.0	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.8	17.5		
	HI PR	138	149	157	164	155	167	176	184	177	190	201	209	201	216	228	238	226	243	257	268	250	269	284	296		
1600	LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	91	96		
	MBh	46.0	47.3	51.2	55.0	44.9	46.2	50.0	53.7	43.8	45.1	48.8	52.4	42.8	44.0	47.6	51.1	40.6	41.8	45.3	48.6	37.6	38.7	41.9	45.0		
	S/T	0.83	0.75	0.56	0.36	0.86	0.77	0.59	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42		
1400	Delta T	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11		
	KW	3.10	3.16	3.25	3.35	3.32	3.39	3.49	3.59	3.51	3.58	3.69	3.81	3.68	3.76	3.88	4.00	3.83	3.91	4.03	4.16	3.95	4.04	4.16	4.30		
	AMPS	11.1	11.4	11.8	12.2	12.0	12.3	12.7	13.2	13.1	13.4	13.8	14.4	14.0	14.3	14.8	15.4	14.9	15.2	15.7	16.3	15.8	16.1	16.7	17.3		
1400	HI PR	137	147	156	162	154	165	175	182	175	188	199	207	199	214	226	236	224	241	254	265	247	266	281	293		
	LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95		
	MBh	42.4	43.7	47.3	50.7	41.4	42.7	46.2	49.6	40.4	41.6	45.1	48.4	39.5	40.6	44.0	47.2	37.5	38.6	41.8	44.8	34.7	35.8	38.7	41.5		
1400	S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40		
	Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11		
	KW	3.03	3.09	3.18	3.27	3.25	3.31	3.41	3.51	3.43	3.50	3.61	3.72	3.60	3.67	3.78	3.90	3.74	3.82	3.93	4.06	3.86	3.94	4.06	4.19		
1400	AMPS	10.8	11.1	11.5	11.9	11.7	12.0	12.4	12.8	12.7	13.0	13.5	14.0	13.6	13.9	14.4	14.9	14.5	14.8	15.3	15.9	15.3	15.7	16.2	16.8		
	HI PR	133	143	151	157	149	160	169	177	170	182	193	201	193	208	219	229	217	234	247	257	240	258	273	284		
	LO PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	93		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions KW= Total system watts

Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE48A2* / CHA60T*C

COOLING OPERATION

IDB*	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65				75				85				95				105				115				
		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	1800	MBh	48.2	49.2	52.6	56.2	47.1	48.1	51.4	54.9	45.9	46.9	50.1	53.6	44.8	45.8	48.9	52.3	42.6	43.5	46.5	49.7	39.4	40.3	43.1	46.0
		S/T	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
	Delta T	24	23	20	16	24	23	20	16	23	23	20	16	23	23	20	16	22	22	20	16	20	21	18	15	
	KW	3.15	3.21	3.30	3.40	3.37	3.44	3.54	3.65	3.57	3.64	3.75	3.87	3.74	3.82	3.94	4.06	3.89	3.97	4.09	4.22	4.02	4.10	4.23	4.37	
	AMPS	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.3	13.6	14.1	14.6	14.2	14.6	15.1	15.6	15.1	15.5	16.0	16.6	16.0	16.4	17.0	17.6	
	HI PR	140	150	159	166	157	169	178	186	178	192	203	211	203	219	231	241	228	246	260	271	252	272	287	299	
	LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97	
	MBh	46.8	47.8	51.1	54.6	45.7	46.7	49.9	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7	
	S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.98	0.80	0.59	1.00	0.98	0.80	0.60	
	Delta T	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	16	22	22	19	15	
KW	3.12	3.18	3.28	3.37	3.35	3.41	3.51	3.62	3.54	3.61	3.72	3.84	3.71	3.79	3.91	4.03	3.86	3.94	4.06	4.19	3.99	4.07	4.20	4.33		
AMPS	11.2	11.5	11.9	12.3	12.2	12.4	12.9	13.3	13.2	13.5	14.0	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.8	17.5		
HI PR	138	149	157	164	155	167	176	184	177	190	201	209	201	216	229	238	226	243	257	268	250	269	284	296		
LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	84	89	75	80	88	93	78	83	91	96		
MBh	43.2	44.1	47.1	50.4	42.2	43.1	46.0	49.2	41.2	42.1	44.9	48.0	40.2	41.0	43.8	46.9	38.2	39.0	41.7	44.5	35.3	36.1	38.6	41.2		
S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.01	0.95	0.77	0.58		
Delta T	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	26	24	21	17	24	23	20	16		
KW	3.06	3.11	3.20	3.30	3.27	3.33	3.43	3.54	3.46	3.53	3.64	3.75	3.63	3.70	3.81	3.93	3.77	3.85	3.97	4.09	3.89	3.97	4.10	4.23		
AMPS	10.9	11.2	11.6	12.0	11.8	12.1	12.5	13.0	12.8	13.1	13.6	14.1	13.7	14.1	14.5	15.1	14.6	15.0	15.5	16.0	15.5	15.8	16.4	17.0		
HI PR	134	144	152	159	151	162	171	178	171	184	195	203	195	210	222	231	219	236	249	260	242	261	276	287		
LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94		
85	1800	MBh	49.0	50.0	52.3	55.8	47.9	48.8	51.1	54.5	46.7	47.6	49.9	53.2	45.6	46.5	48.7	51.9	43.3	44.2	46.2	49.3	40.1	40.9	42.8	45.7
		S/T	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.93	0.76	1.00	1.00	0.96	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
	Delta T	25	25	23	20	24	25	24	21	24	24	24	21	23	24	24	21	23	23	23	20	20	21	22	19	
	KW	3.17	3.23	3.33	3.43	3.40	3.46	3.57	3.68	3.59	3.67	3.78	3.90	3.77	3.85	3.97	4.09	3.92	4.00	4.13	4.26	4.05	4.13	4.26	4.40	
	AMPS	11.5	11.7	12.1	12.6	12.4	12.7	13.1	13.6	13.4	13.8	14.2	14.8	14.4	14.7	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.2	17.8	
	HI PR	141	152	160	167	158	170	180	188	180	194	205	213	205	221	233	243	231	248	262	274	255	274	290	302	
	LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98	
	MBh	47.6	48.5	50.8	54.2	46.5	47.4	49.6	52.9	45.4	46.3	48.4	51.7	44.3	45.1	47.3	50.4	42.1	42.9	44.9	47.9	39.0	39.7	41.6	44.4	
	S/T	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78	
	Delta T	26	26	24	21	27	26	25	21	26	26	25	21	25	26	25	22	24	25	25	22	22	23	23	20	
KW	3.15	3.21	3.30	3.40	3.37	3.44	3.54	3.65	3.57	3.64	3.75	3.87	3.74	3.82	3.94	4.06	3.89	3.97	4.09	4.22	4.02	4.10	4.23	4.37		
AMPS	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.3	13.6	14.1	14.6	14.2	14.6	15.1	15.6	15.1	15.5	16.0	16.6	16.0	16.4	17.0	17.6		
HI PR	140	150	159	166	157	169	178	186	178	192	203	211	203	219	231	241	228	246	260	271	252	272	287	299		
LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97		
MBh	43.9	44.8	46.9	50.0	42.9	43.7	45.8	48.9	41.9	42.7	44.7	47.7	40.9	41.7	43.6	46.5	38.8	39.6	41.4	44.2	36.0	36.7	38.4	41.0		
S/T	0.92	0.89	0.81	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75		
Delta T	27	26	25	21	27	27	25	22	27	27	25	22	27	27	25	22	25	26	25	22	24	24	23	20		
KW	3.08	3.14	3.23	3.32	3.29	3.36	3.46	3.56	3.49	3.56	3.66	3.78	3.65	3.73	3.84	3.96	3.80	3.88	4.00	4.12	3.92	4.00	4.13	4.26		
AMPS	11.0	11.3	11.7	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.7	14.2	13.8	14.2	14.7	15.2	14.7	15.1	15.6	16.2	15.6	16.0	16.5	17.2		
HI PR	136	146	154	161	152	164	173	180	173	186	197	205	197	212	224	233	222	238	252	263	245	264	278	290		
LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94		

* Entering Indoor Dry Bulb Temperature
 NOTE: Shaded area is ARI Rating Conditions KW=Total system watts Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

RCE48A2* / CHA60T*C

Multipliers for Cooling Expanded Performance Data with Mix Matched Indoor Sections

Indoor Section	Cap	Power
CHA42TCC+BBA48A2	0.99	1.00
CHA48TCC+BBA60A2	0.97	0.99
CHA54TCC+BBA60A2	0.98	0.99
CHA57TCC+BBA60A2	0.99	0.99
CHA60TCC+BBA60A2	1.01	0.99
CHH48TCC+BBA60A2	1.00	0.99
CHH60TCC+BBA60A2	1.03	0.99
CCA48FDC+TXV+BBC	1.01	0.95
CHA48TCC+BBC60A2	0.99	0.94
CHA54TCC+BBC60A2	1.00	0.94
CHA57TCC+BBC60A2	1.00	0.94
CHA60TCC+BBC60A2	1.03	0.94
CHH48TCC+BBC60A2	1.01	0.94
CHH60TCC+BBC60A2	1.04	0.94
CCA48FCC+TXV+BBA	0.99	1.00
CCA54FCC+TXV+BBA	0.97	0.99
CCA57FCC+TXV+BBA	0.98	0.99
CCA60FCC+TXV+BBA	0.99	0.99
CCA54FCC+TXV+BBC	0.99	0.94
CCA57FCC+TXV+BBC	1.00	0.94

Indoor Section	Cap	Power
CCA60FCC+TXV+BBC	1.00	0.94
CCA48FCC + TXV	0.99	1.00
CHA42TCC	0.99	1.00
CCF42FCC+TXV	0.95	0.98
CCF42FCC+TXV+BBA	0.96	1.00
CCF48FCC+TXV	0.96	0.98
CCF48FCC+TXV+BBA	0.97	1.00
CCF48FDC+TXV	0.95	0.98
CCF48FDC+TXV+BBA	0.96	0.99
CCF48FDC+TXV+BBC	0.98	0.94
CCF60FCC+TXV	0.98	0.98
CCF60FCC+TXV+BBA	0.99	0.99
CCF60FCC+TXV+BBC	1.00	0.94
CHF36TCC	0.95	0.98
CHF36TCC+BBA48A2	0.96	1.00
CHF42TCC	0.96	0.98
CHF42TCC+BBA48A2	0.97	1.00
CHF48TCC	0.98	0.98
CHF48TCC+BBA60A2	0.99	0.99
CHF48TCC+BBC60A2	1.00	0.94

Indoor Section	Cap	Power
CHA42TCC+BBC48A2f	1.00	0.99
CCA48FCC+TXV+BBC	1.00	0.99
CHF36TCC+BBC48A2f	0.96	0.95
CCF42FCC+TXV+BBC	0.96	0.95
CHF42TCC+BBC48A2f	0.97	0.95
CCF48FCC+TXV+BBC	0.97	0.95
CCF61FCC+TXV	1.01	1.00
CCF61FCC+TXV+BBAf	1.01	0.99
CCF61FCC+TXV+BBCf	1.03	0.95
CHF60TCC	1.01	1.00
CHF60TCC+BBA60A2f	1.01	0.99
CHF60TCC+BBC60A2f	1.03	0.95
BMA42F--A+TXV	0.97	0.98

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE60A2* / CHA60T°C

COOLING OPERATION

IDB* Airflow		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		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	2025	MBh	56.8	58.9	64.5	-	55.5	57.5	63.0	-	54.2	56.2	61.5	-	52.9	54.8	60.0	-	50.2	52.1	57.0	-	46.5	48.2	52.8	-
		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	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-
		KW	3.93	4.01	4.13	-	4.22	4.31	4.45	-	4.48	4.58	4.72	-	4.71	4.81	4.96	-	4.90	5.01	5.17	-	5.07	5.18	5.35	-
		AMPS	14.0	14.3	14.8	-	15.2	15.5	16.1	-	16.5	16.9	17.5	-	17.6	18.1	18.7	-	18.8	19.3	19.9	-	19.9	20.4	21.1	-
		HI PR	143	154	162	-	160	173	182	-	182	196	207	-	208	223	236	-	234	251	265	-	258	278	293	-
	LO PR	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	80	87	-	
	1800	MBh	55.2	57.2	62.7	-	53.9	55.9	61.2	-	52.6	54.5	59.7	-	51.3	53.2	58.3	-	48.8	50.5	55.4	-	45.2	46.8	51.3	-
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	3.90	3.98	4.10	-	4.19	4.28	4.41	-	4.45	4.54	4.68	-	4.67	4.77	4.92	-	4.86	4.97	5.13	-	5.03	5.14	5.30	-
		AMPS	13.9	14.2	14.7	-	15.0	15.4	15.9	-	16.3	16.7	17.3	-	17.5	17.9	18.5	-	18.6	19.1	19.7	-	19.8	20.2	20.9	-
HI PR		141	152	161	-	159	171	180	-	181	194	205	-	206	221	234	-	231	249	263	-	256	275	290	-	
LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-		
1575	MBh	50.9	52.8	57.8	-	49.7	51.6	56.5	-	48.6	50.3	55.1	-	47.4	49.1	53.8	-	45.0	46.7	51.1	-	41.7	43.2	47.3	-	
	S/T	0.67	0.56	0.38	-	0.69	0.58	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	-	
	Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	
	KW	3.81	3.89	4.01	-	4.09	4.18	4.31	-	4.34	4.43	4.57	-	4.56	4.66	4.80	-	4.74	4.85	5.00	-	4.90	5.01	5.17	-	
	AMPS	13.5	13.8	14.3	-	14.6	15.0	15.5	-	15.9	16.3	16.8	-	17.0	17.4	18.0	-	18.1	18.6	19.2	-	19.2	19.7	20.3	-	
	HI PR	137	148	156	-	154	166	175	-	175	188	199	-	199	215	227	-	224	241	255	-	248	267	282	-	
LO PR	57	61	67	-	61	65	71	-	63	67	73	-	66	71	77	-	69	74	81	-	72	76	83	-		
75	2025	MBh	57.8	59.5	64.4	69.1	56.5	58.1	62.9	67.5	55.1	56.7	61.4	65.9	53.8	55.4	59.9	64.3	51.1	52.6	56.9	61.1	47.3	48.7	52.7	56.6
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
		Delta T	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11
		KW	3.96	4.04	4.17	4.30	4.26	4.35	4.48	4.62	4.52	4.61	4.76	4.91	4.75	4.85	5.00	5.17	4.94	5.05	5.21	5.38	5.11	5.22	5.39	5.57
		AMPS	14.1	14.5	15.0	15.5	15.3	15.7	16.2	16.8	16.7	17.1	17.6	18.3	17.8	18.3	18.9	19.6	19.0	19.5	20.1	20.9	20.1	20.6	21.3	22.2
		HI PR	144	155	164	171	162	174	184	192	184	198	209	218	210	226	238	249	236	254	268	280	261	281	296	309
	LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94	
	1800	MBh	56.1	57.8	62.5	67.1	54.8	56.4	61.1	65.6	53.5	55.1	59.6	64.0	52.2	53.7	58.2	62.4	49.6	51.1	55.3	59.3	45.9	47.3	51.2	54.9
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39
		Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
		KW	3.93	4.01	4.13	4.26	4.22	4.31	4.45	4.59	4.48	4.58	4.72	4.87	4.71	4.81	4.96	5.13	4.90	5.01	5.17	5.34	5.07	5.18	5.35	5.53
		AMPS	14.0	14.4	14.8	15.4	15.2	15.5	16.1	16.7	16.5	16.9	17.5	18.1	17.7	18.1	18.7	19.4	18.8	19.3	19.9	20.7	19.9	20.4	21.1	22.0
HI PR		143	154	162	169	160	173	182	190	182	196	207	216	208	224	236	246	234	251	266	277	258	278	293	306	
LO PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	90	75	80	87	93		
1575	MBh	51.8	53.3	57.7	62.0	50.6	52.1	56.4	60.5	49.4	50.8	55.0	59.1	48.2	49.6	53.7	57.6	45.8	47.1	51.0	54.7	42.4	43.7	47.3	50.7	
	S/T	0.76	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	
	Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11	
	KW	3.84	3.92	4.04	4.16	4.12	4.21	4.34	4.48	4.37	4.47	4.61	4.75	4.60	4.69	4.84	5.00	4.78	4.89	5.04	5.21	4.94	5.05	5.22	5.39	
	AMPS	13.6	14.0	14.4	15.0	14.7	15.1	15.6	16.2	16.0	16.4	17.0	17.6	17.2	17.6	18.2	18.9	18.3	18.7	19.4	20.1	19.4	19.9	20.5	21.3	
	HI PR	139	149	158	164	156	167	177	184	177	190	201	210	201	217	229	239	227	244	258	269	250	269	285	297	
LO PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90		

* Entering Indoor Dry Bulb Temperature
 NOTE: Shaded area is ACCA (TVA) conditions KW=Total system watts Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: RCE60A2* / CHA60T*C

COOLING OPERATION

IDB* Airflow		Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65				75				85				95				105				115				
		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	2025	MBh	58.8	60.1	64.2	68.7	57.5	58.7	62.7	67.1	56.1	57.3	61.2	65.5	54.7	55.9	59.7	63.9	52.0	53.1	56.8	60.7	48.2	49.2	52.6	56.2
		S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	22	22	19	15
	KW	3.99	4.08	4.20	4.33	4.29	4.38	4.52	4.66	4.55	4.65	4.80	4.95	4.79	4.89	5.05	5.21	4.98	5.09	5.26	5.43	5.15	5.27	5.44	5.62	
	AMPS	14.3	14.6	15.1	15.7	15.4	15.8	16.4	17.0	16.8	17.2	17.8	18.5	18.0	18.4	19.1	19.8	19.2	19.6	20.3	21.1	20.3	20.8	21.5	22.4	
	HI PR	146	157	166	173	164	176	186	194	186	200	211	220	212	228	241	251	238	257	271	283	263	283	299	312	
	LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94	
	MBh	57.1	58.4	62.4	66.7	55.8	57.0	60.9	65.1	54.5	55.6	59.5	63.6	53.1	54.3	58.0	62.0	50.5	51.6	55.1	58.9	46.8	47.8	51.0	54.6	
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56	
	Delta T	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16	
KW	3.96	4.04	4.17	4.30	4.26	4.35	4.48	4.62	4.52	4.61	4.76	4.91	4.75	4.85	5.01	5.17	4.94	5.05	5.21	5.39	5.11	5.22	5.39	5.57		
AMPS	14.1	14.5	15.0	15.5	15.3	15.7	16.2	16.8	16.7	17.1	17.6	18.3	17.8	18.3	18.9	19.6	19.0	19.5	20.1	20.9	20.1	20.6	21.3	22.2		
HI PR	144	155	164	171	162	174	184	192	184	198	209	218	210	226	238	249	236	254	268	280	261	281	296	309		
LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94		
85	2025	MBh	52.7	53.9	57.5	61.5	51.5	52.6	56.2	60.1	50.3	51.4	54.9	58.7	49.0	50.1	53.5	57.2	46.6	47.6	50.9	54.4	43.2	44.1	47.1	50.4
		S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54
		Delta T	26	24	21	17	26	25	22	17	26	25	22	17	26	25	21	17	26	25	21	17	24	23	20	16
	KW	3.87	3.95	4.07	4.20	4.16	4.24	4.38	4.51	4.41	4.50	4.64	4.79	4.63	4.73	4.88	5.04	4.82	4.93	5.08	5.25	4.99	5.09	5.26	5.43	
	AMPS	13.8	14.1	14.6	15.1	14.9	15.2	15.8	16.4	16.2	16.6	17.1	17.8	17.3	17.7	18.3	19.1	18.4	18.9	19.6	20.3	19.6	20.1	20.7	21.5	
	HI PR	140	151	159	166	157	169	179	186	179	192	203	212	203	219	231	241	229	246	260	271	253	272	287	300	
	LO PR	59	62	68	73	62	66	72	77	64	69	75	80	68	72	79	84	71	75	82	88	73	78	85	91	
	MBh	59.9	61.0	63.9	68.2	58.5	59.6	62.4	66.6	57.1	58.2	60.9	65.0	55.7	56.8	59.4	63.4	52.9	53.9	56.5	60.2	49.0	49.9	52.3	55.8	
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77	
	Delta T	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	24	24	21	22	23	22	19	
KW	4.02	4.11	4.23	4.37	4.32	4.42	4.55	4.70	4.59	4.69	4.84	4.99	4.82	4.93	5.09	5.25	5.02	5.13	5.30	5.47	5.20	5.31	5.48	5.67		
AMPS	14.4	14.8	15.2	15.8	15.6	16.0	16.5	17.1	17.0	17.4	18.0	18.7	18.2	18.6	19.2	20.0	19.3	19.8	20.5	21.3	20.5	21.0	21.7	22.6		
HI PR	147	158	167	175	165	178	188	196	188	202	214	223	214	230	243	254	241	259	274	285	266	286	302	315		
LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95		
MBh	58.1	59.2	62.0	66.2	56.8	57.9	60.6	64.6	55.4	56.5	59.2	63.1	54.1	55.1	57.7	61.6	51.4	52.3	54.8	58.5	47.6	48.5	50.8	54.2		
S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73		
Delta T	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	25	23	20		
KW	3.99	4.08	4.20	4.33	4.29	4.38	4.52	4.66	4.55	4.65	4.80	4.95	4.79	4.89	5.05	5.21	4.98	5.09	5.26	5.43	5.15	5.27	5.44	5.62		
AMPS	14.3	14.6	15.1	15.7	15.4	15.8	16.4	17.0	16.8	17.2	17.8	18.5	18.0	18.4	19.1	19.8	19.2	19.6	20.3	21.1	20.3	20.8	21.5	22.4		
HI PR	146	157	166	173	164	176	186	194	186	200	211	220	212	228	241	251	238	257	271	283	263	283	299	312		
LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94		
MBh	53.6	54.7	57.3	61.1	52.4	53.4	55.9	59.7	51.1	52.1	54.6	58.2	49.9	50.9	53.3	56.8	47.4	48.3	50.6	54.0	43.9	44.8	46.9	50.0		
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	0.71		
Delta T	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	26	25	24	21		
KW	3.90	3.98	4.10	4.23	4.19	4.28	4.41	4.55	4.44	4.54	4.68	4.83	4.67	4.77	4.92	5.08	4.86	4.97	5.13	5.29	5.03	5.14	5.30	5.48		
AMPS	13.9	14.2	14.7	15.2	15.0	15.4	15.9	16.5	16.3	16.7	17.3	18.0	17.5	17.9	18.5	19.2	18.6	19.1	19.7	20.5	19.7	20.2	20.9	21.7		
HI PR	141	152	161	168	159	171	180	188	180	194	205	214	206	221	234	244	231	249	263	274	255	275	290	303		
LO PR	59	63	69	73	63	67	73	77	65	69	76	80	68	73	79	85	72	76	83	89	74	79	86	92		

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is ARI Rating Conditions KW=Total system watts Amps=Outdoor unit amps(compressor+fan).

COOLING PERFORMANCE DATA

EXPANDED PERFORMANCE DATA RCE60A2* / CHA60T*C

Multipliers for Cooling Expanded Performance Data with Mix Matched Indoor Sections

Indoor Section	Cap	Power	Indoor Section	Cap	Power	Indoor Section	Cap	Power
CHA48TCC+BBA60A2A	0.97	1.02	CCF60FCC+TXV+BBC60A2A	1.00	0.96			
CHA54TCC+BBA60A2A	0.98	1.02	CHF48TCC	0.99	1.00			
CHA57TCC+BBA60A2A	1.00	1.02	CHF48TCC+BBA60A2A	0.99	1.02			
CHA60TCC+BBA60A2A	1.03	1.03	CHF48TCC+BBC60A2A	1.00	0.96			
CHH48TCC+BBA60A2A	1.01	1.02	CHA42TCC+BBA48A2A	1.00	1.02			
CHH60TCC+BBA60A2A	1.03	1.03	CHF42TCC+BBC48A2A	0.97	1.01			
CHA48TCC+BBC60A2A	0.99	0.96	CCF61FCC+TXV	1.02	1.00			
CHA54TCC+BBC60A2A	1.00	0.96	CCF61FCC+TXV+BBA60A2A	1.02	1.03			
CHA57TCC+BBC60A2A	1.01	0.96	CCF61FCC+TXV+BBC60A2A	1.03	0.97			
CHA60TCC+BBC60A2A	1.05	0.97	CHF60TCC	1.02	1.00			
CHH48TCC+BBC60A2A	1.03	0.96	CHF60TCC+BBA60A2A	1.02	1.03			
CHH60TCC+BBC60A2A	1.03	0.97	CHF60TCC+BBC60A2A	1.03	0.97			
CCA54FCC+TXV+BBA60A2A	0.97	1.02						
CCA57FCC+TXV+BBA60A2A	0.98	1.02						
CCA60FCC+TXV+BBA60A2A	1.00	1.02						
CCA54FCC+TXV+BBC60A2A	0.99	0.96						
CCA57FCC+TXV+BBC60A2A	1.00	0.96						
CCA60FCC+TXV+BBC60A2A	1.01	0.96						
CCF60FCC+TXV	0.99	1.00						
CCF60FCC+TXV+BBA60A2A	0.99	1.02						

PERFORMANCE DATA

PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (ΔT). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (ΔT). A slight decrease will occur in low and high side pressures and power.

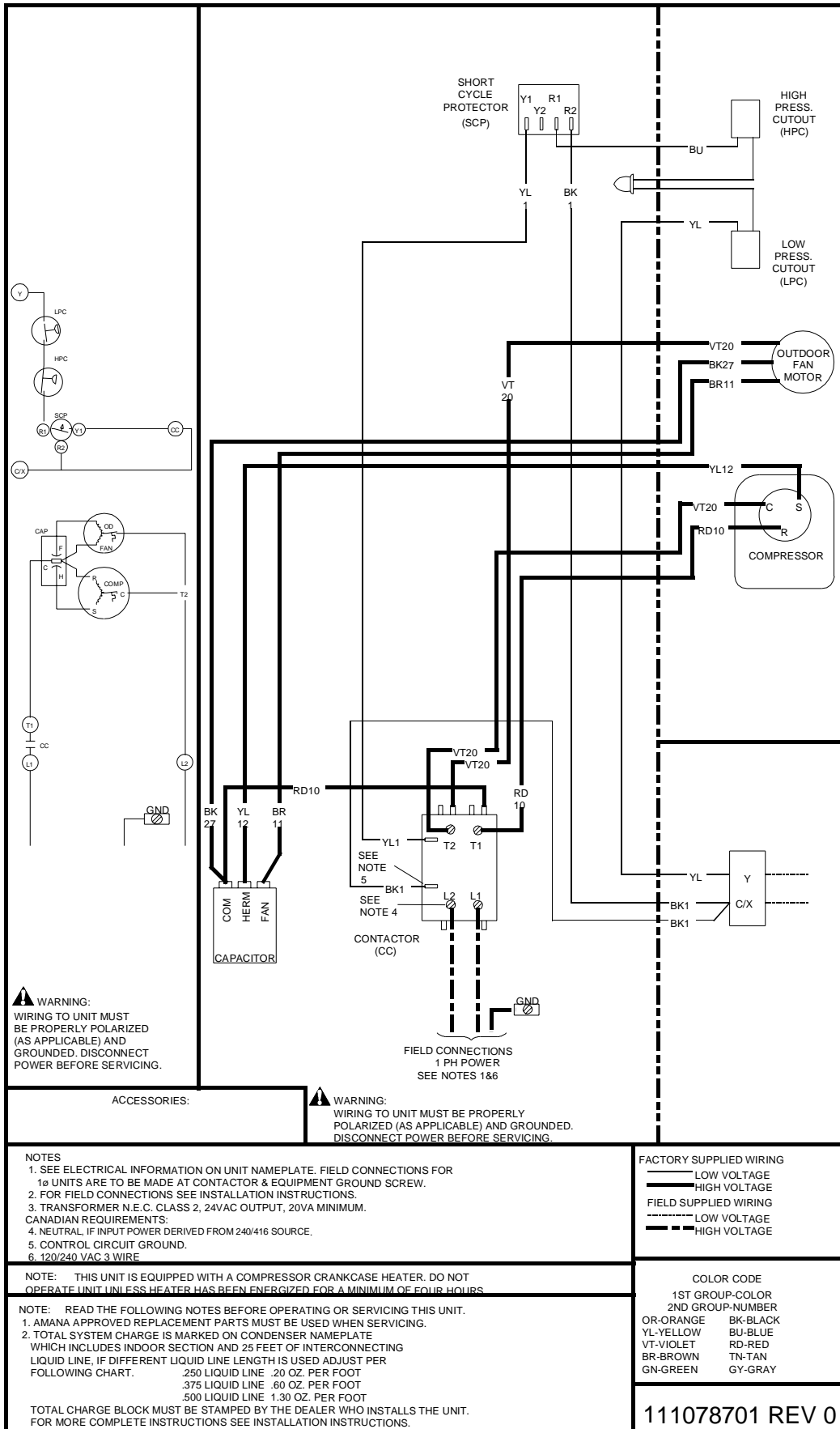
A properly operating unit should be within plus or minus **3 degrees** of the typical (ΔT) value shown.

A properly operating unit should be within plus or minus **7 PSIG** of the **head pressure** shown.

A properly operating unit should be within plus or minus **3 PSIG** of the **suction pressure** shown.

A properly operating unit should be within plus or minus **3 Amps** of the typical value shown.

WIRING DIAGRAMS



TO AVOID POSSIBLE ELECTRICAL SHOCK, PERSONAL INJURY, OR DEATH, DISCONNECT THE POWER BEFORE SERVICING.



RCE24-60A2*

