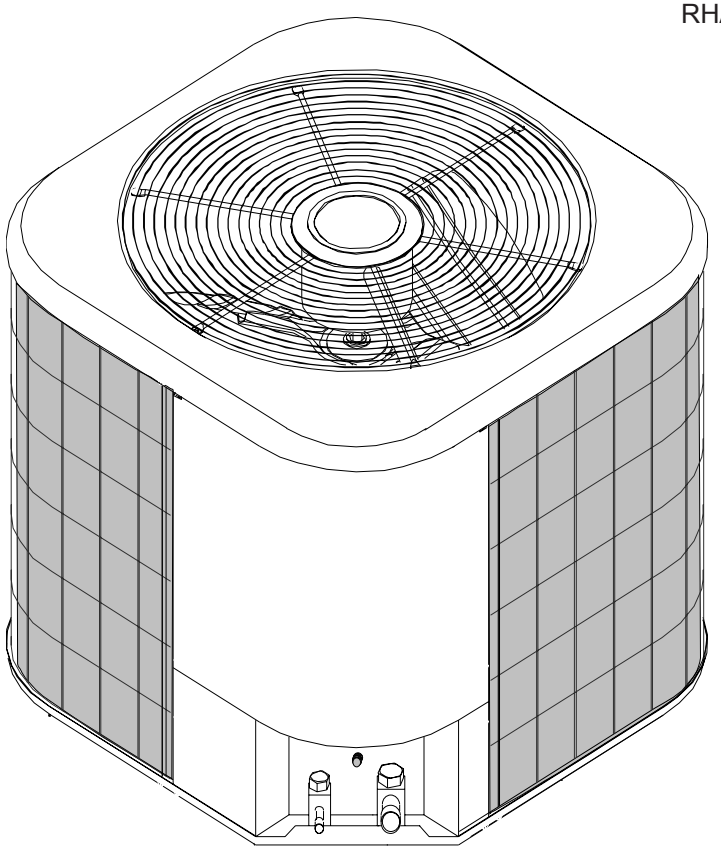
Technical Information

RHA_B_*
Remote Heat Pumps

- 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 and Manufacturing numbers listed in this manual.

MODEL	M/N
RHA18B2A	P1221501C
RHA24B2A	P1221502C
RHA30B2A	P1221503C
RHA36B2A	P1221504C
RHA42B2A	P1221505C
RHA48B2A	P1221506C
RHA60B2A	P1221507C
RHA48B3A	P1221508C
RHA60B3A	P1221509C
RHA18B2D	P1221510C
RHA24B2D	P1221511C
RHA30B2D	P1221512C
RHA36B2D	P1221513C
RHA42B2D	P1221514C
RHA48B2D	P1221515C
RHA60B2D	P1221516C
RHA48B3D	P1221517C
RHA60B3D	P1221518C



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.

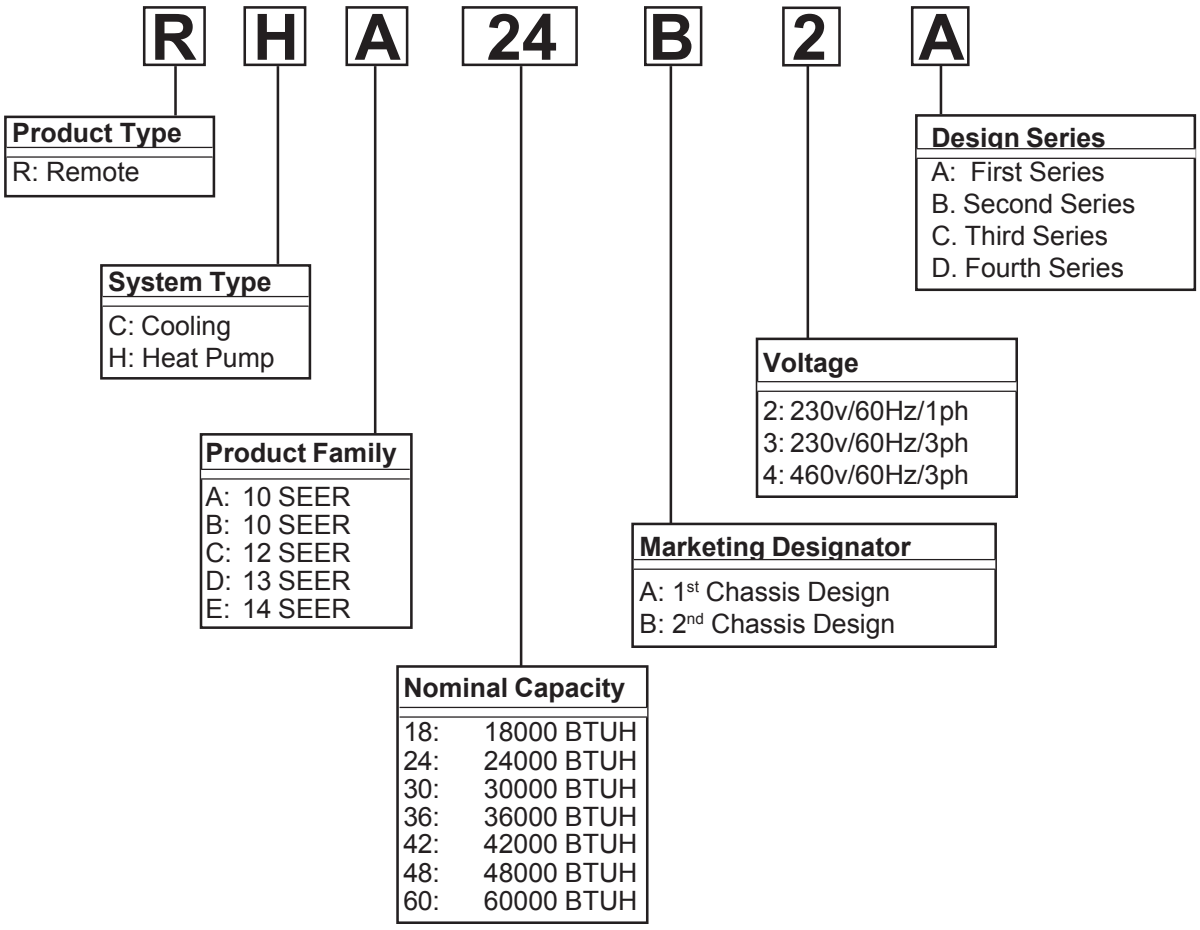
Heating & Air Conditioning
Amana®
Comfort. Quality. Trust.

RT6211003 Rev. 2
September 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 - Corrected label of wiring diagrams on pages 30, 31. Added wiring diagrams for RHAB2A, B3A for models with serial numbers 9911158285 and later.

Rev. 2 - Added RHA__B_D Models.

⚠ 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

CONDENSING UNIT

The RHA Remote Heat Pumps are made in 1.5 through 5 ton sizes. They are designed for dual voltage single phase applications. The RHA 4 and 5 ton models are also available for 230V 3 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 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. This charge is for the matching evaporator coil and a 25 foot refrigerant line set.

Refrigerant line sizes listed in the Specification section are for 50 feet or less. The maximum length of refrigerant lines is 50 feet with no more than a 20 foot vertical rise. In this case additional refrigerant must be added for the extra 20 foot of lines.

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.

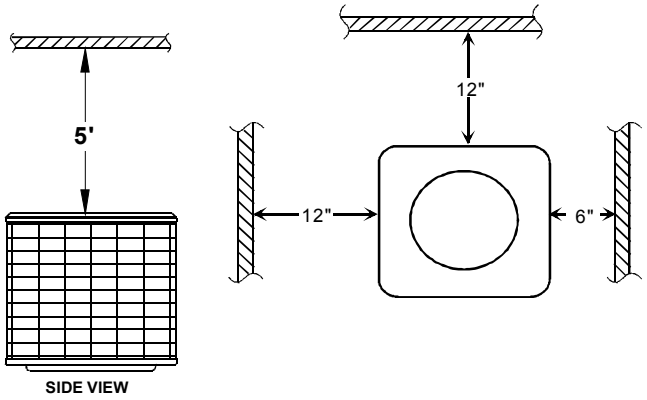
OUTDOOR UNIT

ORIFICE SIZING CHART

OUTDOOR UNIT	Orifice Size AeroQuip ROK01A Kit	Orifice Size Chatleff ROK___A Kit
RHA18B2*	0.055	0.055
RHA24B2*	0.063	0.063
RHA30B2*	0.065	0.065
RHA36B2*	0.069	0.069
RHA42B2*	0.074	0.074
RHA48B2*	0.084	0.084
RHA48B3*	NR*	NR*
RHA60B2*	0.098	0.098
RHA60B3*	NR*	NR*
* 3 Phase units are not recommended for installation with orifice coils		

Note: Whenever mix-matching systems, the indoor orifice must be matched to the condensing unit for proper operation.

MINIMUM CLEARANCES



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
RHA18B2*	22 1/2" x 22 1/2"	26"
RHA24B2*	22 1/2" x 22 1/2"	32"
RHA30B2*	28 1/2" x 28 1/2"	26"
RHA36B2*	28 1/2" x 28 1/2"	30"
RHA42B2*	28 1/2" x 28 1/2"	34"
RHA48B2*	28 1/2" x 28 1/2"	30"
RHA48B3*	28 1/2" x 28 1/2"	30"
RHA60B2*	28 1/2" x 28 1/2"	30"
RHA60B3*	28 1/2" x 28 1/2"	30"

CONDENSING UNIT SPECIFICATIONS

MODEL	RHA18B2*	RHA24B2*	RHA30B2*	RHA36B2*	RHA42B2*	RHA48B2*	RHA60B2*
COOLING CAPACITY, BTUH	18000	24000	30000	36000	42000	48000	60000
COMPRESSOR							
R.L. AMPS	9.3	10.1	14.1	16.9	19.9	23.5	28.8
L.R. AMPS	49.0	56.0	73.0	93.0	103.0	131.0	169.0
CONDENSER FAN MOTOR							
HORSEPOWER	1/10	1/6	1/8	1/4	1/4	1/4	1/4
R.L. AMPS	0.8	1.1	1.3	1.7	1.7	1.7	1.7
L.R. AMPS	1.2	1.9	2.4	3.3	3.3	3.3	3.3
LIQUID LINE, INCHES O.D.	1/4*	3/8	3/8	3/8	3/8	3/8	3/8
SUCTION LINE, INCHES O.D.	5/8	3/4	3/4	3/4	7/8	7/8	1-1/8
REFRIGERANT CHARGE	76.0 oz.	94.0 oz.	96.0 oz.	141.0 oz.	139.0 oz.	181.0 oz.	167.0 oz.
POWER SUPPLY	208/230-60-1	208/230-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1	230/208-60-1
MIN.CIRCUIT AMPACITY	12.5	13.7	18.9	22.8	26.6	32.4	37.7
MAX. OVERCURRENT DEVICE	20	20	30	35	40	50	60
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"	1/2" or 3/4"
LOW VOLTAGE	1/2"	1/2"	1/2	1/2	1/2	1/2	1/2
APPROX. SHIPPING WT	140	150	160	170	180	170	180

MODEL	RHA48B3*	RHA60B3*
COOLING CAPACITY, BTUH	48000	60000
COMPRESSOR		
R.L. AMPS	14.3	17.8
L.R. AMPS	91.0	123.0
CONDENSER FAN MOTOR		
HORSEPOWER	1/4	1/4
R.L. AMPS	1.7	1.7
L.R. AMPS	3.3	3.3
LIQUID LINE, INCHES O.D.	3/8	3/8
SUCTION LINE, INCHES O.D.	7/8	1-1/8
REFRIGERANT CHARGE	181.0 oz.	167.0 oz.
POWER SUPPLY	230/208-60-1	230/208-60-1
MIN.CIRCUIT AMPACITY	19.6	24.0
MAX. OVERCURRENT DEVICE	30	40
ELECT. CONDUIT SIZE		
POWER SUPPLY	1/2" or 3/4"	1/2" or 3/4"
LOW VOLTAGE	1/2	1/2
APPROX. SHIPPING WT	170	180

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.

EXPANDED PERFORMANCE DATA

MODEL: RHA18B2*/ CCA24FCC / BBA24A2A **COOLING OPERATION**

COOLING PERFORMANCE DATA

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
70	675	MBh	18.6	19.3	21.1	-	18.2	18.8	20.7	-	17.8	18.4	20.2	-	17.3	18.0	19.7	-	16.5	17.1	18.7	-	15.2	15.8	17.3	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	1.54	1.57	1.62	-	1.66	1.69	1.75	-	1.76	1.80	1.86	-	1.86	1.90	1.96	-	1.94	1.98	2.05	-	2.01	2.05	2.12	-
		AMPS	6.0	6.1	6.3	-	6.5	6.6	6.8	-	7.0	7.2	7.4	-	7.5	7.7	7.9	-	8.0	8.2	8.4	-	8.4	8.6	8.9	-
		HI PR	154	166	175	-	173	186	197	-	197	212	224	-	224	241	255	-	252	272	287	-	279	300	317	-
		LO PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-
	600	MBh	18.1	18.7	20.5	-	17.7	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.0	16.6	18.1	-	14.8	15.3	16.8	-
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-
		Delta T	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	1.53	1.56	1.61	-	1.65	1.68	1.74	-	1.75	1.79	1.85	-	1.84	1.88	1.95	-	1.92	1.96	2.03	-	1.99	2.03	2.10	-
		AMPS	5.9	6.1	6.3	-	6.4	6.6	6.8	-	7.0	7.1	7.4	-	7.4	7.6	7.9	-	7.9	8.1	8.4	-	8.4	8.6	8.8	-
		HI PR	153	164	174	-	171	184	195	-	195	210	222	-	222	239	252	-	250	269	284	-	276	297	314	-
		LO PR	62	65	71	-	65	69	75	-	68	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
	525	MBh	16.7	17.3	18.9	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.5	16.1	17.6	-	14.7	15.3	16.7	-	13.7	14.2	15.5	-
		S/T	0.65	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.75	0.63	0.43	-
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
		KW	1.49	1.52	1.57	-	1.60	1.64	1.69	-	1.71	1.74	1.80	-	1.80	1.84	1.90	-	1.87	1.91	1.98	-	1.94	1.98	2.05	-
		AMPS	5.8	5.9	6.1	-	6.2	6.4	6.6	-	6.8	6.9	7.2	-	7.2	7.4	7.6	-	7.7	7.9	8.1	-	8.1	8.3	8.6	-
		HI PR	148	159	168	-	166	179	189	-	189	204	215	-	215	232	245	-	242	261	275	-	268	288	304	-
		LO PR	60	63	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	79	87	-
75	675	MBh	18.9	19.5	21.1	22.6	18.5	19.0	20.6	22.1	18.1	18.6	20.1	21.6	17.6	18.1	19.6	21.1	16.7	17.2	18.6	20.0	15.5	16.0	17.3	18.5
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		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	1.55	1.58	1.64	1.69	1.67	1.71	1.76	1.82	1.78	1.82	1.88	1.94	1.87	1.92	1.98	2.05	1.95	2.00	2.07	2.14	2.02	2.07	2.14	2.21
		AMPS	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.4
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	257	269	255	274	290	302	282	303	320	334
		LO PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	78	83	91	97
	600	MBh	18.4	18.9	20.5	22.0	18.0	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.2	16.7	18.1	19.4	15.0	15.5	16.8	18.0
		S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.59	0.38	0.89	0.79	0.60	0.39
		Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
		KW	1.54	1.57	1.62	1.67	1.66	1.70	1.75	1.81	1.76	1.80	1.86	1.93	1.86	1.90	1.96	2.03	1.94	1.98	2.05	2.12	2.01	2.05	2.12	2.19
		AMPS	6.0	6.1	6.3	6.6	6.5	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	8.0	8.2	8.4	8.7	8.4	8.6	8.9	9.3
		HI PR	154	166	175	183	173	186	197	205	197	212	224	233	224	241	255	266	252	272	287	299	279	300	317	330
		LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96
	525	MBh	17.0	17.5	18.9	20.3	16.6	17.1	18.5	19.8	16.2	16.7	18.0	19.4	15.8	16.3	17.6	18.9	15.0	15.4	16.7	17.9	13.9	14.3	15.5	16.6
		S/T	0.74	0.66	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.85	0.76	0.58	0.37
		Delta T	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
		KW	1.50	1.53	1.58	1.63	1.62	1.65	1.71	1.76	1.72	1.76	1.82	1.88	1.81	1.85	1.91	1.98	1.89	1.93	2.00	2.06	1.96	2.00	2.07	2.14
		AMPS	5.8	6.0	6.2	6.4	6.3	6.4	6.7	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.8	7.9	8.2	8.5	8.2	8.4	8.7	9.0
		HI PR	150	161	170	177	168	181	191	199	191	206	217	226	218	234	247	258	245	263	278	290	270	291	307	321
		LO PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: RHA18B2*/ CCA24FCC / BBA24A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
80	675	MBh	19.3	19.7	21.0	22.5	18.8	19.2	20.5	22.0	18.4	18.8	20.1	21.4	17.9	18.3	19.6	20.9	17.0	17.4	18.6	19.9	15.8	16.1	17.2	18.4
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.95	0.77	0.58	1.00	0.95	0.78	0.58
		Delta T	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	21	21	18	15
		KW	1.56	1.60	1.65	1.70	1.69	1.72	1.78	1.84	1.79	1.83	1.89	1.96	1.89	1.93	2.00	2.06	1.97	2.02	2.08	2.15	2.04	2.09	2.16	2.23
		AMPS	6.1	6.2	6.4	6.7	6.6	6.7	7.0	7.2	7.1	7.3	7.6	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4
		HI PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	257	277	293	305	284	306	323	337
		LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	82	89	95	79	84	92	98
	600	MBh	18.7	19.1	20.4	21.8	18.3	18.7	20.0	21.3	17.8	18.2	19.5	20.8	17.4	17.8	**19.0**	20.3	16.5	16.9	18.1	19.3	15.3	15.6	16.7	17.9
		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	**0.71**	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55
		Delta T	24	23	20	16	25	24	20	16	25	24	20	16	25	24	**21**	16	24	23	20	16	23	22	19	15
		KW	1.55	1.58	1.64	1.69	1.67	1.71	1.76	1.82	1.78	1.82	1.88	1.94	1.87	1.92	**1.98**	2.05	1.95	2.00	2.07	2.14	2.02	2.07	2.14	2.21
		AMPS	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.7	**8.0**	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.4
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	**258**	269	255	274	290	302	282	303	320	334
		LO PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	**84**	90	76	81	88	94	78	84	91	97
	525	MBh	17.3	17.6	18.9	20.2	16.9	17.2	18.4	19.7	16.5	16.8	18.0	19.2	16.1	16.4	17.5	18.7	15.3	15.6	16.7	17.8	14.1	14.4	15.4	16.5
		S/T	0.82	0.76	0.62	0.47	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.71	0.53
		Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15
		KW	1.51	1.55	1.60	1.65	1.63	1.67	1.72	1.78	1.74	1.77	1.83	1.89	1.83	1.87	1.93	1.99	1.90	1.95	2.01	2.08	1.97	2.02	2.08	2.16
		AMPS	5.9	6.0	6.2	6.4	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1
		HI PR	151	163	172	179	170	183	193	201	193	208	219	229	220	237	250	261	247	266	281	293	273	294	310	324
		LO PR	61	65	71	75	64	68	75	80	67	71	78	83	70	75	82	87	74	78	85	91	76	81	88	94
85	675	MBh	19.6	20.0	20.9	22.3	19.2	19.5	20.4	21.8	18.7	19.1	20.0	21.3	18.2	18.6	19.5	20.8	17.3	17.7	18.5	19.7	16.1	16.4	17.1	18.3
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	22	19
		KW	1.58	1.61	1.66	1.72	1.70	1.74	1.79	1.85	1.81	1.85	1.91	1.98	1.91	1.95	2.01	2.08	1.99	2.03	2.10	2.17	2.06	2.11	2.18	2.25
		AMPS	6.2	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.1	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5
		HI PR	159	171	181	188	178	192	203	212	203	218	231	241	231	249	263	274	260	280	296	308	287	309	327	341
		LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99
	600	MBh	19.0	19.4	20.3	21.7	18.6	19.0	19.9	21.2	18.2	18.5	19.4	20.7	17.7	18.1	18.9	20.2	16.8	17.1	18.0	19.2	15.6	15.9	16.6	17.7
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72
		Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20
		KW	1.56	1.60	1.65	1.70	1.69	1.72	1.78	1.84	1.79	1.83	1.89	1.96	1.89	1.93	2.00	2.06	1.97	2.02	2.08	2.15	2.04	2.09	2.16	2.23
		AMPS	6.1	6.2	6.4	6.7	6.6	6.7	7.0	7.2	7.1	7.3	7.6	7.8	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4
		HI PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	257	277	293	305	284	306	323	337
		LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	82	89	95	79	84	92	98
	525	MBh	17.6	17.9	18.8	20.0	17.2	17.5	18.3	19.5	16.8	17.1	17.9	19.1	16.3	16.7	17.4	18.6	15.5	15.8	16.6	17.7	14.4	14.7	15.4	16.4
		S/T	0.85	0.82	0.74	0.60	0.89	0.85	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.90	0.82	0.66	0.97	0.94	0.85	0.69	0.98	0.95	0.85	0.69
		Delta T	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	25	21	25	24	23	20
		KW	1.53	1.56	1.61	1.66	1.64	1.68	1.74	1.79	1.75	1.79	1.85	1.91	1.84	1.88	1.95	2.01	1.92	1.96	2.03	2.10	1.99	2.03	2.10	2.17
		AMPS	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.6	7.4	7.6	7.9	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.8	9.2
		HI PR	153	164	174	181	171	184	195	203	195	210	221	231	222	239	252	263	250	269	284	296	276	297	314	327
		LO PR	62	65	71	76	65	69	75	80	68	72	78	84	71	75	82	88	74	79	86	92	77	82	89	95

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

RHA18B2*

Multipliers for *Cooling* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA18T*C		1.00	1.04
CCA24F*C+BDK		1.00	1.04
CCA24F*C+TXV01A		1.00	1.04
CCH30FCD		1.00	1.05
CCH30FCD+TXV01A		1.00	1.06
CHH30TCD		1.00	1.06
CHF24TCC		1.00	1.05
CCF30FCC+BDK		1.00	1.04
CCF30FCC+TXV01A		1.00	1.05
CHA18TCC	BBA24A2A	1.00	1.01
CCA24FCC+TXV01A	BBA24A2A	1.00	1.01
CHA24TCC	BBA24A2A	1.00	1.00
CCA30FCC	BBA24A2A	1.00	1.00
CCA30FCC+TXV01A	BBA24A2A	1.00	1.00
CHF18TCC	BBA24A2A	1.00	1.00
CCF24FCC	BBA24A2A	1.00	1.00
CCF24FCC+TXV01A	BBA24A2A	1.00	1.00

Indoor Coil	Blower	Cap	Power
CHF24TCC	BBA24A2A	1.00	1.01
CCF30FCC	BBA24A2A	1.00	1.00
CCF30FCC+TXV01A	BBA24A2A	1.00	1.01
CHA18TCC	BBC36A2A	1.04	0.99
CCA24FCC	BBC36A2A	1.04	0.99
CCA24FCC+TXV01A	BBC36A2A	1.04	0.99
CHA24TCC	BBC36A2A	1.04	0.98
CCA30FCC	BBC36A2A	1.04	0.98
CCA30FCC+TXV01A	BBC36A2A	1.04	0.98
CHF18TCC	BBC36A2A	1.03	0.97
CCF24FCC	BBC36A2A	1.03	0.97
CCF24FCC+TXV01A	BBC36A2A	1.03	0.97
CHF24TCC	BBC36A2A	1.05	0.99
CCF30FCC	BBC36A2A	1.05	0.99
CCF30FCC+TXV01A	BBC36A2A	1.05	0.99

Indoor coil cooling capacity (or power) = multiplier X HSV coil cooling capacity (or power) at ARI conditions.

Multipliers for *Heating* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA18T*C		1.00	1.03
CCA24F*C+BDK		1.00	1.03
CCA24F*C+TXV01A		1.00	1.03
CCH30FCD		1.02	1.02
CCH30FCD+TXV01A		1.02	1.02
CHH30TCD		1.02	1.02
CHF24TCC		0.99	1.03
CCF30FCC+BDK		0.99	1.03
CCF30FCC+TXV01A		0.99	1.03
CHA18TCC	BBA24A2A	1.00	1.00
CCA24FCC+TXV01A	BBA24A2A	1.00	1.00
CHA24TCC	BBA24A2A	0.97	1.01
CCA30FCC	BBA24A2A	0.97	1.00
CCA30FCC+TXV01A	BBA24A2A	0.97	1.01
CHF18TCC	BBA24A2A	0.97	1.01
CCF24FCC	BBA24A2A	0.97	1.01
CCF24FCC+TXV01A	BBA24A2A	0.97	1.01

Indoor Coil	Blower	Cap	Power
CHF24TCC	BBA24A2A	0.98	1.01
CCF30FCC	BBA24A2A	0.98	1.01
CCF30FCC+TXV01A	BBA24A2A	0.98	1.01
CHA18TCC	BBC36A2A	1.01	0.97
CCA24FCC	BBC36A2A	1.01	0.97
CCA24FCC+TXV01A	BBC36A2A	1.01	0.97
CHA24TCC	BBC36A2A	0.99	0.97
CCA30FCC	BBC36A2A	0.99	0.97
CCA30FCC+TXV01A	BBC36A2A	0.99	0.97
CHF18TCC	BBC36A2A	0.99	0.97
CCF24FCC	BBC36A2A	0.99	0.97
CCF24FCC+TXV01A	BBC36A2A	0.99	0.97
CHF24TCC	BBC36A2A	0.99	0.97
CCF30FCC	BBC36A2A	0.99	0.97
CCF30FCC+TXV01A	BBC36A2A	0.99	0.97

Indoor coil heating capacity (or power) = multiplier X HSV coil heating capacity (or power) at 47 °F.

EXPANDED PERFORMANCE DATA

MODEL: RHA24B2* / CCA24FCC/ BBA24A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
70	900	MBh	22.7	23.6	25.8	-	22.2	23.0	25.2	-	21.7	22.5	24.6	-	21.1	21.9	24.0	-	20.1	20.8	22.8	-	18.6	19.3	21.1	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
		KW	1.90	1.94	2.00	-	2.05	2.09	2.16	-	2.18	2.22	2.30	-	2.29	2.34	2.42	-	2.39	2.44	2.53	-	2.47	2.53	2.62	-
		AMPS	7.3	7.4	7.7	-	7.9	8.1	8.3	-	8.5	8.8	9.0	-	9.1	9.4	9.7	-	9.7	10.0	10.3	-	10.3	10.6	10.9	-
		HI PR	154	166	175	-	173	186	197	-	197	212	224	-	224	241	255	-	252	272	287	-	279	300	317	-
		LO PR	64	68	74	-	67	72	78	-	70	74	81	-	73	78	85	-	77	82	89	-	80	85	92	-
	800	MBh	22.1	22.9	25.1	-	21.6	22.3	24.5	-	21.0	21.8	23.9	-	20.5	21.3	23.3	-	19.5	20.2	22.2	-	18.1	18.7	20.5	-
		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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	1.88	1.92	1.98	-	2.03	2.07	2.14	-	2.16	2.21	2.28	-	2.27	2.32	2.40	-	2.37	2.42	2.50	-	2.45	2.51	2.59	-
		AMPS	7.2	7.4	7.6	-	7.8	8.0	8.2	-	8.5	8.7	9.0	-	9.1	9.3	9.6	-	9.6	9.9	10.2	-	10.2	10.5	10.8	-
		HI PR	153	164	174	-	171	184	195	-	195	210	222	-	222	239	252	-	250	269	284	-	276	297	314	-
		LO PR	63	67	73	-	67	71	77	-	69	74	80	-	73	77	84	-	76	81	88	-	79	84	91	-
	700	MBh	20.4	21.1	23.1	-	19.9	20.6	22.6	-	19.4	20.1	22.1	-	19.0	19.6	21.5	-	18.0	18.7	20.4	-	16.7	17.3	18.9	-
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
		ΔT	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	1.84	1.88	1.94	-	1.98	2.02	2.09	-	2.11	2.15	2.22	-	2.22	2.26	2.34	-	2.31	2.36	2.44	-	2.39	2.44	2.53	-
		AMPS	7.0	7.2	7.4	-	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	9.9	10.2	10.5	-
		HI PR	148	159	168	-	166	179	189	-	189	204	215	-	215	232	245	-	242	261	275	-	268	288	304	-
		LO PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	76	81	89	-
75	900	MBh	23.1	23.8	25.8	27.7	22.6	23.3	25.2	27.0	22.0	22.7	24.6	26.4	21.5	**22.1**	24.0	25.7	20.4	21.0	22.8	24.4	18.9	19.5	21.1	22.6
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	**0.83**	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	**19**	15	11	20	18	15	10	19	17	14	10
		KW	1.91	1.95	2.02	2.08	2.06	2.11	2.18	2.25	2.20	2.24	2.32	2.40	2.31	**2.36**	2.44	2.52	2.41	2.46	2.55	2.63	2.50	2.55	2.64	2.73
		AMPS	7.3	7.5	7.8	8.1	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.5	9.2	**9.5**	9.8	10.1	9.8	10.1	10.4	10.8	10.4	10.7	11.0	11.5
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	227	**244**	257	269	255	274	290	302	282	303	320	334
		LO PR	64	68	75	79	68	72	79	84	71	75	82	87	74	**79**	86	92	78	83	90	96	80	85	93	99
	800	MBh	22.4	23.1	25.0	26.8	21.9	22.6	24.4	26.2	21.4	22.0	23.9	25.6	20.9	**21.5**	23.3	25.0	19.8	20.4	22.1	23.7	18.4	18.9	20.5	22.0
		S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	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
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	**20**	16	11	21	19	16	11	20	18	15	10
		KW	1.90	1.94	2.00	2.07	2.05	2.09	2.16	2.23	2.18	2.23	2.30	2.38	2.29	**2.34**	2.42	2.50	2.39	2.44	2.53	2.61	2.47	2.53	2.62	2.71
		AMPS	7.3	7.4	7.7	8.0	7.9	8.1	8.3	8.6	8.5	8.8	9.0	9.4	9.1	**9.4**	9.7	10.0	9.7	10.0	10.3	10.7	10.3	10.6	10.9	11.3
		HI PR	154	166	175	183	173	186	197	205	197	212	224	233	224	**241**	255	266	252	272	287	299	279	300	317	330
		LO PR	64	68	74	79	67	72	78	83	70	74	81	86	73	**78**	85	91	77	82	89	95	80	85	92	98
	700	MBh	20.7	21.3	23.1	24.8	20.2	20.8	22.6	24.2	19.8	20.3	22.0	23.6	19.3	**19.8**	21.5	23.1	18.3	18.9	20.4	21.9	17.0	17.5	18.9	20.3
		S/T	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	**0.76**	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
		ΔT	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	1.85	1.89	1.95	2.02	2.00	2.04	2.11	2.17	2.12	2.17	2.24	2.32	2.23	**2.28**	2.36	2.44	2.33	2.38	2.46	2.54	2.41	2.47	2.55	2.64
		AMPS	7.1	7.2	7.5	7.8	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.1	8.9	**9.1**	9.4	9.8	9.5	9.7	10.0	10.4	10.0	10.3	10.6	11.0
		HI PR	150	161	170	177	168	181	191	199	191	206	217	226	218	**234**	247	258	245	263	278	290	270	291	307	321
		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

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: RHA24B2* / CCA24FCC/ BBA24A2A **COOLING OPERATION**

COOLING PERFORMANCE DATA

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
80	900	MBh	23.5	24.0	25.7	27.5	23.0	23.5	25.1	26.8	22.4	22.9	24.5	26.2	21.9	22.4	23.9	25.5	20.8	21.2	22.7	24.3	19.3	19.7	21.0	22.5
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14
		KW	1.93	1.97	2.03	2.10	2.08	2.13	2.20	2.27	2.21	2.26	2.34	2.42	2.33	2.38	2.46	2.55	2.43	2.49	2.57	2.66	2.52	2.57	2.66	2.75
		AMPS	7.4	7.6	7.8	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.6	9.3	9.5	9.9	10.2	9.9	10.2	10.5	10.9	10.5	10.8	11.1	11.6
		HI PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	257	277	293	305	284	306	323	337
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100
	800	MBh	22.8	23.3	24.9	26.7	22.3	22.8	24.4	26.0	21.8	22.3	23.8	25.4	21.3	21.7	**23.2**	24.8	20.2	20.6	22.0	23.6	18.7	19.1	20.4	21.8
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	**0.74**	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		ΔT	23	22	19	15	23	22	20	16	23	22	20	16	24	23	**20**	16	23	22	19	16	21	21	18	14
		KW	1.91	1.96	2.02	2.08	2.06	2.11	2.18	2.25	2.20	2.24	2.32	2.40	2.31	2.36	**2.44**	2.52	2.41	2.46	2.55	2.63	2.50	2.55	2.64	2.73
		AMPS	7.3	7.5	7.8	8.1	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.5	9.2	9.5	**9.8**	10.1	9.8	10.1	10.4	10.8	10.4	10.7	11.0	11.5
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	**258**	269	255	274	290	302	282	303	320	334
		LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	**86**	92	78	83	90	96	80	85	93	99
	700	MBh	21.1	21.5	23.0	24.6	20.6	21.0	22.5	24.0	20.1	20.5	21.9	23.5	19.6	20.0	21.4	22.9	18.6	19.0	20.3	21.7	17.3	17.6	18.8	20.1
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		KW	1.87	1.91	1.97	2.03	2.01	2.06	2.12	2.19	2.14	2.19	2.26	2.33	2.25	2.30	2.38	2.46	2.35	2.40	2.48	2.57	2.43	2.49	2.57	2.66
		AMPS	7.1	7.3	7.6	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.9	9.5	9.8	10.1	10.5	10.1	10.4	10.7	11.1
		HI PR	151	163	172	179	170	183	193	201	193	208	219	229	220	237	250	261	247	266	281	293	273	294	310	324
		LO PR	62	66	72	77	66	70	77	81	68	73	80	85	72	77	84	89	75	80	88	93	78	83	91	96
85	900	MBh	23.9	24.4	25.6	27.3	23.4	23.8	25.0	26.6	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.2	21.6	22.6	24.1	19.6	20.0	20.9	22.3
		S/T	0.97	0.94	0.84	0.69	1.00	0.97	0.88	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	19	22	22	22	19	20	20	21	18
		KW	1.94	1.99	2.05	2.12	2.10	2.14	2.21	2.29	2.23	2.28	2.36	2.44	2.35	2.40	2.48	2.57	2.45	2.51	2.59	2.68	2.54	2.60	2.68	2.78
		AMPS	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.4	9.6	10.0	10.3	10.0	10.3	10.6	11.0	10.6	10.9	11.2	11.7
		HI PR	159	171	181	188	178	192	203	212	203	218	231	241	231	249	263	274	260	280	296	308	287	309	327	341
		LO PR	66	70	76	81	69	74	80	86	72	77	84	89	76	80	88	94	79	84	92	98	82	87	95	101
	800	MBh	23.2	23.7	24.8	26.5	22.7	23.1	24.2	25.9	22.2	22.6	23.7	25.2	21.6	22.0	23.1	24.6	20.5	20.9	21.9	23.4	19.0	19.4	20.3	21.7
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	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	0.93	0.75
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	22	22	19
		KW	1.93	1.97	2.03	2.10	2.08	2.13	2.20	2.27	2.21	2.26	2.34	2.42	2.33	2.38	2.46	2.55	2.43	2.49	2.57	2.66	2.52	2.57	2.66	2.75
		AMPS	7.4	7.6	7.8	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.6	9.3	9.5	9.9	10.2	9.9	10.2	10.5	10.9	10.5	10.8	11.1	11.6
		HI PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	257	277	293	305	284	306	323	337
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100
	700	MBh	21.5	21.9	22.9	24.4	21.0	21.4	22.4	23.9	20.5	20.9	21.8	23.3	20.0	20.3	21.3	22.7	19.0	19.3	20.2	21.6	17.6	17.9	18.7	20.0
		S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.81	0.65	0.95	0.91	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	25	25	24	20	23	23	22	19
		KW	1.88	1.92	1.98	2.05	2.03	2.07	2.14	2.21	2.16	2.21	2.28	2.35	2.27	2.32	2.40	2.48	2.37	2.42	2.50	2.59	2.45	2.51	2.59	2.68
		AMPS	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.6	8.5	8.7	9.0	9.3	9.1	9.3	9.6	10.0	9.6	9.9	10.2	10.6	10.2	10.5	10.8	11.2
		HI PR	153	164	174	181	171	184	195	203	195	210	221	231	222	239	252	263	250	269	284	296	276	297	314	327
		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

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

RHA24B2*

Multipliers for *Cooling* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA18T*C		0.98	1.04
CCA24F*C		0.98	1.04
CCA24F*C+TXV01A		0.98	1.04
CHA30T*C		1.01	1.05
CCA36F*C		1.01	1.05
CCA36F*C+TXV01A		1.01	1.05
CCH30FCD		1.00	1.05
CCH30FCD+TXV01A		1.00	1.05
CHH30TCD		1.00	1.05
CCF24FDC		0.98	1.04
CCF24FDC+TXV 01A		0.98	1.04
CHF24TCC		1.00	1.05
CCF30FCC		1.00	1.05
CCF30FCC+TXV01A		1.00	1.05
CCF36FDC		1.01	1.05
CCF36FDC+TXV01A		1.01	1.05
CHA18TCC	BBA24A2A	1.00	1.00

Indoor Coil	Blower	Cap	Power
CCA24FCC+TXV01A	BBA24A2A	1.00	1.00
CHA24TCC	BBA24A2A	0.99	1.00
CCA30FCC	BBA24A2A	0.99	1.00
CCA30FCC+TXV01A	BBA24A2A	0.99	1.00
CHA30TCC	BBA24A2A	1.02	1.02
CCA36FCC	BBA24A2A	1.02	1.02
CCA36FCC+TXV01A	BBA24A2A	1.02	1.02
CHF18TCC	BBA24A2A	0.97	0.98
CCF24FCC	BBA24A2A	0.97	0.98
CCF24FCC+TXV01A	BBA24A2A	0.97	0.98
CHF24TCC	BBA24A2A	1.01	1.01
CCF30FCC	BBA24A2A	1.01	1.01
CCF30FCC+TXV01A	BBA24A2A	1.01	1.01
CHF30TCC	BBA24A2A	0.98	1.00
CCF36FCC	BBA24A2A	0.98	1.00
CCF36FCC+TXV01A	BBA24A2A	0.98	1.00
CHA18TCC	BBC36A2A	1.00	0.98

Indoor Coil	Blower	Cap	Power
CCA24FCC	BBC36A2A	1.00	0.98
CCA24FCC+TXV01A	BBC36A2A	1.00	0.98
CHA24TCC	BBC36A2A	1.00	0.97
CCA30FCC	BBC36A2A	0.99	0.97
CCA30FCC+TXV01A	BBC36A2A	0.99	0.97
CHA30TCC	BBC36A2A	1.03	0.99
CCA36FCC	BBC36A2A	1.03	0.99
CCA36FCC+TXV01A	BBC36A2A	1.03	0.99
CHF18TCC	BBC36A2A	0.98	0.97
CCF24FCC	BBC36A2A	0.98	0.97
CCF24FCC+TXV01A	BBC36A2A	0.98	0.97
CHF24TCC	BBC36A2A	1.03	0.99
CCF30FCC	BBC36A2A	1.03	0.99
CCF30FCC+TXV01A	BBC36A2A	1.03	0.99
CHF30TCC	BBC36A2A	0.99	0.98
CCF36FCC	BBC36A2A	0.99	0.98
CCF36FCC+TXV01A	BBC36A2A	0.99	0.98

Indoor coil cooling capacity (or power) = multiplier X HSV coil cooling capacity (or power) at ARI conditions.

Multipliers for *Cooling* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA18T*C		1.01	1.04
CCA24F*C		1.01	1.04
CCA24F*C+TXV01A		1.01	1.04
CHA30T*C		1.03	1.04
CCA36F*C		1.03	1.04
CCA36F*C+TXV01A		1.03	1.04
CCH30FCD		1.03	1.04
CCH30FCD+TXV01A		1.03	1.02
CHH30TCD		1.03	1.04
CCF24FDC		1.02	1.04
CCF24FDC+TXV 01A		1.02	1.04
CHF24TCC		1.00	1.05
CCF30FCC		1.00	1.05
CCF30FCC+TXV01A		1.00	1.05
CCF36FDC		1.02	1.04
CCF36FDC+TXV01A		1.02	1.04
CHA18TCC	BBA24A2A	1.00	1.00

Indoor Coil	Blower	Cap	Power
CCA24FCC+TXV01A	BBA24A2A	1.00	1.00
CHA24TCC	BBA24A2A	0.99	1.01
CCA30FCC	BBA24A2A	0.99	1.01
CCA30FCC+TXV01A	BBA24A2A	0.99	1.01
CHA30TCC	BBA24A2A	1.02	1.00
CCA36FCC	BBA24A2A	1.02	1.00
CCA36FCC+TXV01A	BBA24A2A	1.02	1.00
CHF18TCC	BBA24A2A	0.98	1.00
CCF24FCC	BBA24A2A	0.98	1.00
CCF24FCC+TXV01A	BBA24A2A	0.98	1.00
CHF24TCC	BBA24A2A	0.99	1.01
CCF30FCC	BBA24A2A	0.99	1.01
CCF30FCC+TXV01A	BBA24A2A	0.99	1.01
CHF30TCC	BBA24A2A	0.97	1.01
CCF36FCC	BBA24A2A	0.97	1.01
CCF36FCC+TXV01A	BBA24A2A	0.97	1.01
CHA18TCC	BBC36A2A	0.97	0.99

Indoor Coil	Blower	Cap	Power
CCA24FCC	BBC36A2A	0.97	0.99
CCA24FCC+TXV01A	BBC36A2A	0.97	0.99
CHA24TCC	BBC36A2A	0.99	0.98
CCA30FCC	BBC36A2A	0.99	0.98
CCA30FCC+TXV01A	BBC36A2A	0.99	0.98
CHA30TCC	BBC36A2A	1.00	0.97
CCA36FCC	BBC36A2A	1.00	0.97
CCA36FCC+TXV01A	BBC36A2A	1.00	0.97
CHF18TCC	BBC36A2A	0.98	0.98
CCF24FCC	BBC36A2A	0.98	0.98
CCF24FCC+TXV01A	BBC36A2A	0.98	0.98
CHF24TCC	BBC36A2A	0.99	0.98
CCF30FCC	BBC36A2A	0.99	0.98
CCF30FCC+TXV01A	BBC36A2A	0.99	0.98
CHF30TCC	BBC36A2A	0.97	0.99
CCF36FCC	BBC36A2A	0.97	0.99
CCF36FCC+TXV01A	BBC36A2A	0.97	0.99

Indoor coil heating capacity (or power) = multiplier X HSV coil heating capacity (or power) at 47 °F.

EXPANDED PERFORMANCE DATA

MODEL: RHA30B2* / CCA36FCC / BBA36A2A **COOLING OPERATION**

COOLING PERFORMANCE DATA

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
70	1125	MBh	28.2	29.3	32.0	-	27.6	28.6	31.3	-	26.9	27.9	30.6	-	26.3	27.2	29.8	-	24.9	25.8	28.3	-	23.1	23.9	26.2	-
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
		KW	2.29	2.33	2.41	-	2.46	2.51	2.59	-	2.61	2.66	2.75	-	2.74	2.80	2.89	-	2.85	2.91	3.01	-	2.95	3.01	3.11	-
		AMPS	8.7	8.9	9.2	-	9.4	9.6	9.9	-	10.2	10.4	10.8	-	10.9	11.1	11.5	-	11.6	11.8	12.2	-	12.2	12.5	12.9	-
		HI PR	153	165	174	-	172	185	195	-	195	210	222	-	222	239	253	-	250	269	284	-	276	297	314	-
		LO PR	64	68	74	-	67	72	78	-	70	74	81	-	74	78	85	-	77	82	90	-	80	85	93	-
	1000	MBh	27.4	28.4	31.1	-	26.8	27.7	30.4	-	26.1	27.1	29.7	-	25.5	26.4	28.9	-	24.2	25.1	27.5	-	22.4	23.2	25.5	-
		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	2.27	2.32	2.39	-	2.44	2.49	2.57	-	2.59	2.64	2.72	-	2.72	2.77	2.86	-	2.83	2.89	2.98	-	2.92	2.99	3.08	-
		AMPS	8.6	8.8	9.1	-	9.3	9.5	9.8	-	10.1	10.3	10.7	-	10.8	11.0	11.4	-	11.4	11.7	12.1	-	12.1	12.4	12.8	-
		HI PR	151	163	172	-	170	183	193	-	193	208	220	-	220	237	250	-	248	267	281	-	274	295	311	-
		LO PR	63	67	73	-	67	71	77	-	69	74	81	-	73	77	85	-	76	81	89	-	79	84	92	-
	875	MBh	25.3	26.2	28.7	-	24.7	25.6	28.1	-	24.1	25.0	27.4	-	23.5	24.4	26.7	-	22.3	23.2	25.4	-	20.7	21.5	23.5	-
		S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-
		ΔT	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	2.22	2.26	2.33	-	2.38	2.43	2.51	-	2.52	2.58	2.66	-	2.65	2.71	2.79	-	2.76	2.82	2.91	-	2.85	2.91	3.01	-
		AMPS	8.4	8.6	8.9	-	9.1	9.3	9.6	-	9.8	10.1	10.4	-	10.5	10.7	11.1	-	11.1	11.4	11.8	-	11.8	12.1	12.5	-
		HI PR	147	158	167	-	165	177	187	-	188	202	213	-	214	230	243	-	240	259	273	-	265	286	302	-
		LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	81	89	-
75	1125	MBh	28.7	29.5	32.0	34.3	28.0	28.9	31.2	33.5	27.4	28.2	30.5	32.7	26.7	**27.5**	29.8	31.9	25.4	26.1	28.3	30.3	23.5	24.2	26.2	28.1
		S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	**0.83**	0.63	0.41	0.97	0.87	0.65	0.42	0.98	0.87	0.66	0.42
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	**19**	15	11	20	18	15	10	19	17	14	10
		KW	2.31	2.35	2.42	2.50	2.48	2.53	2.61	2.69	2.63	2.68	2.77	2.86	2.76	**2.82**	2.91	3.00	2.87	2.94	3.03	3.13	2.97	3.04	3.13	3.24
		AMPS	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.9	11.3	11.0	**11.2**	11.6	12.0	11.7	11.9	12.3	12.8	12.3	12.6	13.1	13.5
		HI PR	155	166	176	183	173	187	197	206	197	212	224	234	225	**242**	255	266	253	272	287	300	279	300	317	331
		LO PR	64	69	75	80	68	72	79	84	71	75	82	87	74	**79**	86	92	78	83	90	96	81	86	94	100
	1000	MBh	27.9	28.7	31.1	33.3	27.2	28.0	30.3	32.6	26.6	27.4	29.6	31.8	25.9	**26.7**	28.9	31.0	24.6	25.4	27.4	29.5	22.8	23.5	25.4	27.3
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	**0.79**	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.41
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	**20**	16	11	21	19	16	11	20	18	15	10
		KW	2.29	2.34	2.41	2.48	2.46	2.51	2.59	2.67	2.61	2.66	2.75	2.83	2.74	**2.80**	2.89	2.98	2.85	2.91	3.01	3.10	2.95	3.01	3.11	3.21
		AMPS	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.2	10.4	10.8	11.2	10.9	**11.1**	11.5	11.9	11.6	11.8	12.2	12.7	12.2	12.5	12.9	13.4
		HI PR	153	165	174	181	172	185	195	204	195	210	222	231	222	**239**	253	264	250	269	284	297	276	298	314	328
		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
	875	MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.0	24.5	25.2	27.3	29.3	23.9	**24.6**	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
		S/T	0.78	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	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39
		ΔT	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	2.24	2.28	2.35	2.42	2.40	2.45	2.53	2.60	2.55	2.60	2.68	2.77	2.67	**2.73**	2.82	2.91	2.78	2.84	2.93	3.03	2.88	2.94	3.03	3.13
		AMPS	8.5	8.7	9.0	9.3	9.1	9.4	9.7	10.0	9.9	10.1	10.5	10.9	10.6	**10.8**	11.2	11.6	11.2	11.5	11.9	12.3	11.9	12.2	12.6	13.1
		HI PR	148	160	169	176	167	179	189	197	189	204	215	225	216	**232**	245	256	243	261	276	288	268	289	305	318
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	**76**	83	88	75	80	87	92	77	82	90	96

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: RHA30B2* / CCA36FCC / BBA36A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
80	1125	MBh	29.2	29.8	31.9	34.1	28.5	29.2	31.1	33.3	27.9	28.5	30.4	32.5	27.2	27.8	29.7	31.7	25.8	26.4	28.2	30.1	23.9	24.4	26.1	27.9
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	17	14
		KW	2.32	2.37	2.44	2.52	2.50	2.55	2.63	2.71	2.65	2.70	2.79	2.88	2.78	2.84	2.93	3.03	2.90	2.96	3.06	3.16	3.00	3.06	3.16	3.27
		AMPS	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.6	11.0	11.4	11.1	11.3	11.7	12.1	11.8	12.1	12.4	12.9	12.5	12.8	13.2	13.7
		HI PR	156	168	177	185	175	189	199	208	199	214	226	236	227	244	258	269	255	275	290	303	282	304	321	334
		LO PR	65	69	76	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	94	101
	1000	MBh	28.4	29.0	31.0	33.1	27.7	28.3	30.2	32.3	27.0	27.6	29.5	31.6	26.4	27.0	**28.8**	30.8	25.1	25.6	27.4	29.2	23.2	23.7	25.3	27.1
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	0.97	0.91	**0.74**	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
		ΔT	23	22	19	15	23	22	20	16	23	22	20	16	24	23	**20**	16	23	22	19	16	21	21	18	14
		KW	2.31	2.35	2.42	2.50	2.48	2.53	2.61	2.69	2.63	2.68	2.77	2.86	2.76	2.82	**2.91**	3.00	2.87	2.94	3.03	3.13	2.97	3.04	3.13	3.24
		AMPS	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.9	11.3	11.0	11.2	**11.6**	12.0	11.7	11.9	12.3	12.8	12.3	12.6	13.1	13.5
		HI PR	155	166	176	183	173	187	197	206	197	212	224	234	225	242	**255**	266	253	272	287	300	279	301	317	331
		LO PR	64	69	75	80	68	72	79	84	71	75	82	87	74	79	**86**	92	78	83	90	96	81	86	94	100
	875	MBh	26.2	26.7	28.6	30.5	25.6	26.1	27.9	29.8	25.0	25.5	27.2	29.1	24.3	24.9	26.6	28.4	23.1	23.6	25.3	27.0	21.4	21.9	23.4	25.0
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.91	0.74	0.56	0.98	0.92	0.75	0.56
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		KW	2.25	2.30	2.37	2.44	2.42	2.47	2.55	2.63	2.57	2.62	2.70	2.79	2.69	2.75	2.84	2.93	2.80	2.86	2.96	3.05	2.90	2.96	3.06	3.16
		AMPS	8.6	8.8	9.0	9.4	9.2	9.4	9.7	10.1	10.0	10.2	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	12.0	12.4	12.0	12.3	12.7	13.2
		HI PR	150	161	170	178	168	181	191	199	191	206	217	227	218	235	248	258	245	264	279	291	271	292	308	321
		LO PR	62	66	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	93	78	83	91	97
85	1125	MBh	29.7	30.3	31.7	33.9	29.0	29.6	31.0	33.1	28.3	28.9	30.3	32.3	27.6	28.2	29.5	31.5	26.3	26.8	28.0	29.9	24.3	24.8	26.0	27.7
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	19	21	22	22	19	20	20	21	18
		KW	2.34	2.39	2.46	2.54	2.52	2.57	2.65	2.73	2.67	2.73	2.81	2.90	2.81	2.87	2.96	3.05	2.92	2.98	3.08	3.18	3.02	3.09	3.19	3.29
		AMPS	8.9	9.2	9.4	9.8	9.6	9.9	10.2	10.6	10.5	10.7	11.1	11.5	11.2	11.4	11.8	12.3	11.9	12.2	12.6	13.0	12.6	12.9	13.3	13.8
		HI PR	158	170	179	187	177	190	201	210	201	217	229	238	229	247	260	272	258	277	293	306	285	307	324	338
		LO PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	85	92	98	82	87	95	102
	1000	MBh	28.9	29.4	30.8	32.9	28.2	28.7	30.1	32.1	27.5	28.0	29.4	31.3	26.8	27.4	28.7	30.6	25.5	26.0	27.2	29.0	23.6	24.1	25.2	26.9
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	23	24	23	20	22	22	22	19
		KW	2.32	2.37	2.44	2.52	2.50	2.55	2.63	2.71	2.65	2.70	2.79	2.88	2.78	2.84	2.93	3.03	2.90	2.96	3.06	3.16	3.00	3.06	3.16	3.27
		AMPS	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.6	11.0	11.4	11.1	11.3	11.7	12.1	11.8	12.1	12.4	12.9	12.5	12.8	13.2	13.7
		HI PR	156	168	177	185	175	189	199	208	199	214	226	236	227	244	258	269	255	275	290	303	282	304	321	334
		LO PR	65	69	76	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	94	101
	875	MBh	26.6	27.1	28.4	30.3	26.0	26.5	27.8	29.6	25.4	25.9	27.1	28.9	24.8	25.3	26.4	28.2	23.5	24.0	25.1	26.8	21.8	22.2	23.3	24.8
		S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	25	25	24	20	23	23	22	19
		KW	2.27	2.32	2.39	2.46	2.44	2.49	2.57	2.65	2.59	2.64	2.72	2.81	2.72	2.77	2.86	2.95	2.83	2.89	2.98	3.08	2.92	2.99	3.08	3.18
		AMPS	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.2	10.1	10.3	10.7	11.1	10.8	11.0	11.4	11.8	11.4	11.7	12.1	12.6	12.1	12.4	12.8	13.3
		HI PR	151	163	172	179	170	183	193	201	193	208	220	229	220	237	250	261	248	266	281	293	274	294	311	324
		LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	85	90	76	81	89	94	79	84	92	98

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

RHA30B2*

Multipliers for *Cooling* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA18T*C		0.96	1.01
CCA24F*C		0.99	1.01
CCA24F*C+TXV02A		0.96	1.01
CHA24T*C		0.95	1.00
CCA30F*C		0.96	1.00
CCA30F*C+TXV02A		0.95	1.00
CHA30T*C		1.00	1.01
CCA36F*C		1.00	1.02
CCA36F*C+TXV02A		1.00	1.01
CHA36T*C		1.01	1.01
CCA42F*C		1.03	1.02
CCA42F*C+TXV02A		1.01	1.01
CCH24FCD		0.94	1.00
CCH24FCD+TXV02A		0.96	1.00
CHH24TCD		0.96	1.00
CCH30FCD		1.00	1.02
CCH30FCD+TXV02A		1.00	1.01
CHH30TCD		1.00	1.01
CCH36FCD		0.99	1.02
CCH36FCD+TXV02A		1.00	1.01
CHH36TCD		1.00	1.01
CHF18TCC		0.94	1.00
CCF24FCC		0.94	1.00
CCF24FCC+TXV02A		0.94	1.00
CCF24FDC		0.97	1.00

Indoor Coil	Blower	Cap	Power
CCF24FDC+TXV02A		0.96	1.00
CHF24TCC		0.98	1.01
CCF30FCC		0.99	1.01
CCF30FCC+TXV02A		0.98	1.01
CHF30TCC		0.95	1.00
CCF36FCC		0.95	1.00
CCF36FCC+TXV02A		0.95	1.00
CCF36FDC		0.99	1.01
CCF36FDC+TXV02A		0.99	1.01
CHF36TCC		0.98	1.01
CCF42FCC		0.99	1.01
CCF42FCC+TXV02A		0.98	1.01
CHA18TCC	BBA24A2A	0.96	0.99
CCA24FCC	BBA24A2A	0.98	0.99
CCA24FCC+TXV02A	BBA24A2A	0.96	0.99
CHA24TCC	BBA36A2A	0.95	0.98
CCA30FCC	BBA36A2A	0.96	0.99
CCA30FCC+TXV02A	BBA36A2A	0.95	0.98
CCA30FDC	BBA48A2A	0.97	0.99
CCA30FDC+TXV02A	BBA48A2A	0.96	0.99
CHA30TCC	BBA36A2A	0.99	1.00
CCA36FCC	BBA36A2A	1.00	1.00
CCA36FCC+TXV02A	BBA36A2A	0.99	1.00
CCA36FDC	BBA48A2A	1.00	1.01
CCA36FDC+TXV02A	BBA48A2A	1.01	1.00

Indoor Coil	Blower	Cap	Power
CHA36TCC	BBA36A2A	1.01	1.00
CCA42FCC	BBA36A2A	1.03	1.00
CCA42FCC+TXV02A	BBA36A2A	1.01	1.00
CCA42FDC	BBA48A2A	1.03	1.00
CCA42FDC+TXV02A	BBA48A2A	1.01	1.00
CHF18TCC	BBA36A2A	0.94	0.98
CCF24FCC	BBA36A2A	0.94	0.98
CCF24FCC+TXV02A	BBA36A2A	0.94	0.98
CCF24FDC	BBA48A2A	0.97	0.99
CCF24FDC+TXV02A	BBA48A2A	0.97	0.99
CHF24TCC	BBA36A2A	0.97	0.99
CCF30FCC	BBA36A2A	0.97	0.99
CCF30FCC+TXV02A	BBA36A2A	0.97	0.99
CHF30TCC	BBA36A2A	0.95	0.98
CCF36FCC	BBA36A2A	0.96	0.98
CCF36FCC+TXV02A	BBA36A2A	0.95	0.98
CCF36FDC	BBA48A2A	1.01	1.01
CCF36FDC+TXV02A	BBA48A2A	1.00	1.00
CHF36TCC	BBA48A2A	0.99	1.00
CCF42FCC	BBA48A2A	1.00	1.00
CCF42FCC+TXV02A	BBA48A2A	0.99	1.00
CHA18TCC	BBC36A2A	0.97	0.97
CCA24FCC	BBC36A2A	1.00	0.97
CCA24FCC+TXV02A	BBC36A2A	0.97	0.97
CHA24TCC	BBC36A2A	0.97	0.96

Indoor Coil	Blower	Cap	Power
CCA30FCC	BBC36A2A	0.97	0.96
CCA30FCC+TXV02A	BBC36A2A	0.97	0.96
CCA30FDC+TXV02A	BBC48A2A	0.97	0.94
CHA30TCC	BBC36A2A	1.02	0.98
CCA36FCC	BBC36A2A	1.01	0.98
CCA36FCC+TXV02A	BBC36A2A	1.02	0.98
CCA36FDC+TXV02A	BBC48A2A	1.01	0.96
CHA36TCC	BBC36A2A	1.02	0.98
CCA42FCC	BBC36A2A	1.04	0.98
CCA42FCC+TXV02A	BBC36A2A	1.02	0.98
CCA42FDC+TXV02A	BBC48A2A	1.02	0.96
CHF18TCC	BBC36A2A	0.95	0.96
CCF24FCC	BBC36A2A	0.96	0.96
CCF24FCC+TXV02A	BBC36A2A	0.95	0.96
CCF24FDC+TXV02A	BBC48A2A	0.97	0.95
CHF24TCC	BBC36A2A	0.99	0.96
CCF30FCC	BBC36A2A	1.00	0.97
CCF30FCC+TXV02A	BBC36A2A	0.99	0.97
CHF30TCC	BBC36A2A	0.97	0.96
CCF36FCC	BBC36A2A	0.97	0.96
CCF36FCC+TXV02A	BBC36A2A	0.97	0.96
CCF36FDC+TXV02A	BBC48A2A	1.01	0.95
CHF36TCC	BBC48A2A	1.00	0.95
CCF42FCC	BBC48A2A	1.00	0.95
CCF42FCC+TXV02A	BBC48A2A	1.00	0.95

Indoor coil cooling capacity (or power) = multiplier X HSV coil cooling capacity (or power) at ARI conditions.

Multipliers for *Heating* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA18T*C		0.99	1.05
CCA24F*C		0.99	1.05
CCA24F*C+TXV02A		0.99	1.05
CHA24T*C		0.99	1.03
CCA30F*C		0.99	1.03
CCA30F*C+TXV02A		0.99	1.03
CHA30T*C		1.01	1.01
CCA36F*C		1.01	1.01
CCA36F*C+TXV02A		1.01	1.01
CHA36T*C		1.01	1.02
CCA42F*C		1.01	1.01
CCA42F*C+TXV02A		1.01	1.02
CCH24FCD		0.99	1.06
CCH24FCD+TXV02A		0.99	1.04
CHH24TCD		0.99	1.04
CCH30FCD		1.01	1.01
CCH30FCD+TXV02A		1.01	1.01
CHH30TCD		1.01	1.01
CCH36FCD		1.01	1.02
CCH36FCD+TXV02A		1.01	1.02
CHH36TCD		1.01	1.02
CHF18TCC		0.99	1.04
CCF24FCC		0.99	1.04
CCF24FCC+TXV02A		0.99	1.04
CCF24FDC		0.99	1.04

Indoor Coil	Blower	Cap	Power
CCF24FDC+TXV02A		0.99	1.04
CHF24TCC		0.99	1.03
CCF30FCC		0.99	1.03
CCF30FCC+TXV02A		0.99	1.03
CHF30TCC		0.99	1.06
CCF36FCC		0.99	1.06
CCF36FCC+TXV02A		0.99	1.06
CCF36FDC		1.01	1.02
CCF36FDC+TXV02A		1.01	1.02
CHF36TCC		1.00	1.02
CCF42FCC		1.00	1.02
CCF42FCC+TXV02A		1.00	1.02
CHA18TCC	BBA24A2A	0.98	1.04
CCA24FCC	BBA24A2A	0.98	1.04
CCA24FCC+TXV02A	BBA24A2A	0.98	1.04
CHA24TCC	BBA36A2A	0.99	1.02
CCA30FCC	BBA36A2A	0.99	1.02
CCA30FCC+TXV02A	BBA36A2A	0.99	1.02
CCA30FDC	BBA48A2A	0.99	1.02
CCA30FDC+TXV02A	BBA48A2A	0.99	1.02
CHA30TCC	BBA36A2A	1.00	1.00
CCA36FCC	BBA36A2A	1.00	1.00
CCA36FCC+TXV02A	BBA36A2A	1.00	1.00
CCA36FDC	BBA48A2A	1.01	1.00
CCA36FDC+TXV02A	BBA48A2A	1.01	1.00

Indoor Coil	Blower	Cap	Power
CHA36TCC	BBA36A2A	1.00	1.00
CCA42FCC	BBA36A2A	1.01	0.99
CCA42FCC+TXV02A	BBA36A2A	1.00	1.00
CCA42FDC	BBA48A2A	1.01	0.99
CCA42FDC+TXV02A	BBA48A2A	1.00	1.00
CHF18TCC	BBA36A2A	0.99	1.03
CCF24FCC	BBA36A2A	0.99	1.03
CCF24FCC+TXV02A	BBA36A2A	0.99	1.03
CCF24FDC	BBA48A2A	0.99	1.02
CCF24FDC+TXV02A	BBA48A2A	0.99	1.02
CHF24TCC	BBA36A2A	0.99	1.03
CCF30FCC	BBA36A2A	0.99	1.03
CCF30FCC+TXV02A	BBA36A2A	0.99	1.03
CHF30TCC	BBA36A2A	0.98	1.05
CCF36FCC	BBA36A2A	0.98	1.05
CCF36FCC+TXV02A	BBA36A2A	0.98	1.05
CCF36FDC	BBA48A2A	1.01	1.00
CCF36FDC+TXV02A	BBA48A2A	1.01	1.00
CHF36TCC	BBA48A2A	1.01	1.00
CCF42FCC	BBA48A2A	1.01	1.00
CCF42FCC+TXV02A	BBA48A2A	1.01	1.00
CHA18TCC	BBC36A2A	0.98	1.00
CCA24FCC	BBC36A2A	0.98	1.00
CCA24FCC+TXV02A	BBC36A2A	0.98	1.00
CHA24TCC	BBC36A2A	0.98	0.98

Indoor Coil	Blower	Cap	Power
CCA30FCC	BBC36A2A	0.98	0.98
CCA30FCC+TXV02A	BBC36A2A	0.98	0.98
CCA30FDC+TXV02A	BBC48A2A	0.97	0.97
CHA30TCC	BBC36A2A	0.99	0.96
CCA36FCC	BBC36A2A	0.99	0.96
CCA36FCC+TXV02A	BBC36A2A	0.99	0.96
CCA36FDC+TXV02A	BBC48A2A	0.99	0.95
CHA36TCC	BBC36A2A	0.99	0.97
CCA42FCC	BBC36A2A	1.00	0.95
CCA42FCC+TXV02A	BBC36A2A	0.99	0.97
CCA42FDC+TXV02A	BBC48A2A	0.99	0.95
CHF18TCC	BBC36A2A	0.98	0.99
CCF24FCC	BBC36A2A	0.98	0.99
CCF24FCC+TXV02A	BBC36A2A	0.98	0.99
CCF24FDC+TXV02A	BBC48A2A	0.97	0.98
CHF24TCC	BBC36A2A	0.99	0.98
CCF30FCC	BBC36A2A	0.99	0.98
CCF30FCC+TXV02A	BBC36A2A	0.99	0.98
CHF30TCC	BBC36A2A	0.97	1.01
CCF36FCC	BBC36A2A	0.97	1.01
CCF36FCC+TXV02A	BBC36A2A	0.97	1.01
CCF36FDC+TXV02A	BBC48A2A	0.99	0.96
CHF36TCC	BBC48A2A	0.99	0.96
CCF42FCC	BBC48A2A	0.99	0.96
CCF42FCC+TXV02A	BBC48A2A	0.99	0.96

Indoor coil heating capacity (or power) = multiplier X HSV coil heating capacity (or power) at 47 °F.

EXPANDED PERFORMANCE DATA

MODEL: RHA36B2* / CCA42FCC/ BBA36A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
70	1350	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-
		S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		KW	2.79	2.85	2.93	-	2.99	3.06	3.15	-	3.18	3.24	3.34	-	3.34	3.41	3.51	-	3.47	3.55	3.66	-	3.59	3.67	3.78	-
		AMPS	10.8	11.0	11.4	-	11.6	11.9	12.3	-	12.6	12.9	13.3	-	13.5	13.8	14.2	-	14.3	14.7	15.1	-	15.1	15.5	16.0	-
		HI PR	157	169	179	-	177	190	201	-	201	216	228	-	229	246	260	-	257	277	292	-	284	306	323	-
		LO PR	64	68	74	-	68	72	79	-	70	75	82	-	74	79	86	-	77	82	90	-	80	85	93	-
	1200	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-
		S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.66	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.48	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	2.77	2.82	2.91	-	2.97	3.03	3.13	-	3.15	3.22	3.32	-	3.31	3.38	3.49	-	3.44	3.52	3.63	-	3.56	3.64	3.75	-
		AMPS	10.7	10.9	11.3	-	11.5	11.8	12.2	-	12.5	12.8	13.2	-	13.3	13.7	14.1	-	14.2	14.5	15.0	-	15.0	15.4	15.9	-
		HI PR	156	168	177	-	175	188	199	-	199	214	226	-	226	244	257	-	255	274	289	-	281	303	320	-
		LO PR	63	67	74	-	67	71	78	-	70	74	81	-	73	78	85	-	77	81	89	-	79	84	92	-
	1050	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-
		S/T	0.69	0.58	0.40	-	0.72	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	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	2.71	2.76	2.84	-	2.90	2.96	3.05	-	3.08	3.14	3.24	-	3.23	3.30	3.40	-	3.36	3.43	3.54	-	3.47	3.55	3.66	-
		AMPS	10.4	10.7	11.0	-	11.2	11.5	11.9	-	12.2	12.5	12.9	-	13.0	13.3	13.7	-	13.8	14.1	14.6	-	14.6	15.0	15.4	-
		HI PR	151	163	172	-	170	182	193	-	193	207	219	-	220	236	250	-	247	266	281	-	273	294	310	-
		LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
75	1350	MBh	34.48	35.50	38.43	41.24	33.68	34.67	37.53	40.28	32.88	33.85	36.64	39.32	32.07	**33.02**	35.74	38.36	30.47	31.37	33.96	36.45	28.23	29.06	31.46	33.76
		S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.39	0.94	**0.84**	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
		ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	**19**	15	11	20	19	15	10	19	17	14	10
		KW	2.81	2.87	2.96	3.05	3.02	3.08	3.18	3.28	3.20	3.27	3.37	3.48	3.36	**3.43**	3.54	3.66	3.50	3.58	3.69	3.81	3.62	3.70	3.82	3.94
		AMPS	10.9	11.1	11.5	11.9	11.7	12.0	12.4	12.9	12.7	13.0	13.5	14.0	13.6	**13.9**	14.4	14.9	14.4	14.8	15.3	15.9	15.3	15.7	16.2	16.8
		HI PR	159	171	181	188	178	192	203	211	203	218	230	240	231	**249**	262	274	260	280	295	308	287	309	326	340
		LO PR	65	69	75	80	68	73	79	84	71	76	82	88	75	**79**	87	92	78	83	91	97	81	86	94	100
	1200	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	**32.1**	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	**0.80**	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	**20**	16	11	21	19	16	11	20	18	15	10
		KW	2.79	2.85	2.93	3.02	3.00	3.06	3.15	3.25	3.18	3.24	3.34	3.45	3.34	**3.41**	3.52	3.63	3.47	3.55	3.66	3.78	3.59	3.67	3.79	3.91
		AMPS	10.8	11.0	11.4	11.8	11.6	11.9	12.3	12.7	12.6	12.9	13.3	13.8	13.5	**13.8**	14.2	14.8	14.3	14.7	15.1	15.7	15.2	15.5	16.0	16.6
		HI PR	157	169	179	186	177	190	201	209	201	216	228	238	229	**246**	260	271	257	277	292	305	284	306	323	337
		LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	**79**	86	91	77	82	90	96	80	85	93	99
	1050	MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	**29.6**	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3
		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
		ΔT	21	20	16	11	21	20	16	11	22	20	16	11	22	**20**	16	11	21	20	16	11	20	18	15	10
		KW	2.73	2.78	2.86	2.95	2.93	2.99	3.08	3.17	3.10	3.17	3.26	3.37	3.26	**3.33**	3.43	3.54	3.39	3.46	3.57	3.69	3.50	3.58	3.69	3.81
		AMPS	10.5	10.7	11.1	11.5	11.3	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.1	**13.4**	13.9	14.4	13.9	14.3	14.7	15.3	14.7	15.1	15.6	16.2
		HI PR	153	164	173	181	171	184	195	203	195	210	221	231	222	**239**	252	263	250	269	284	296	276	297	313	327
		LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	**76**	83	89	75	80	87	93	78	83	90	96

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

EXPANDED PERFORMANCE DATA

MODEL: RHA36B2* / CCA42FCC/ BBA36A2A **COOLING OPERATION**

COOLING PERFORMANCE DATA

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
80	1350	MBh	35.09	35.86	38.31	40.95	34.28	35.03	37.42	40.00	33.46	34.19	36.53	39.05	32.64	33.36	35.64	38.10	31.01	31.69	33.86	36.19	28.73	29.35	31.36	33.53
		S/T	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14
		KW	2.83	2.89	2.98	3.07	3.04	3.11	3.20	3.30	3.23	3.30	3.40	3.51	3.39	3.46	3.57	3.69	3.53	3.60	3.72	3.84	3.65	3.73	3.85	3.98
		AMPS	11.0	11.2	11.6	12.0	11.8	12.1	12.5	13.0	12.8	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.6	14.9	15.4	16.0	15.4	15.8	16.3	16.9
		HI PR	161	173	182	190	180	194	205	213	205	220	233	243	233	251	265	277	262	282	298	311	290	312	330	344
		LO PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	92	98	82	87	95	101
	1200	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	**34.6**	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	**0.75**	0.56	1.00	0.95	0.78	0.58	1.00	0.96	0.78	0.58
		ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	**20**	16	23	22	20	16	21	21	18	15
		KW	2.81	2.87	2.96	3.05	3.02	3.08	3.18	3.28	3.20	3.27	3.37	3.48	3.36	3.43	**3.54**	3.66	3.50	3.58	3.69	3.81	3.62	3.70	3.82	3.94
		AMPS	10.9	11.1	11.5	11.9	11.7	12.0	12.4	12.9	12.7	13.0	13.5	14.0	13.6	13.9	**14.4**	14.9	14.4	14.8	15.3	15.9	15.3	15.7	16.2	16.8
		HI PR	159	171	181	188	178	192	203	211	203	218	230	240	231	249	**263**	274	260	280	295	308	287	309	326	340
		LO PR	65	69	75	80	68	73	79	84	71	76	82	88	75	79	**87**	92	78	83	91	97	81	86	94	100
	1050	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0
		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
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
		KW	2.75	2.80	2.89	2.98	2.95	3.01	3.10	3.20	3.13	3.19	3.29	3.40	3.28	3.35	3.46	3.57	3.42	3.49	3.60	3.72	3.53	3.61	3.72	3.84
		AMPS	10.6	10.8	11.2	11.6	11.4	11.7	12.1	12.5	12.4	12.7	13.1	13.6	13.2	13.5	14.0	14.5	14.1	14.4	14.9	15.4	14.9	15.2	15.7	16.3
		HI PR	154	166	175	183	173	186	197	205	197	212	224	233	224	241	255	266	252	271	286	299	279	300	316	330
		LO PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97
85	1350	MBh	35.71	36.40	38.12	40.67	34.88	35.55	37.23	39.72	34.04	34.70	36.35	38.78	33.21	33.86	35.46	37.83	31.55	32.16	33.69	35.94	29.23	29.79	31.20	33.29
		S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
		ΔT	24	23	22	19	24	24	22	19	23	24	22	19	23	23	23	20	21	22	22	19	20	20	21	18
		KW	2.85	2.91	3.00	3.09	3.07	3.13	3.23	3.33	3.25	3.32	3.43	3.54	3.42	3.49	3.60	3.72	3.56	3.63	3.75	3.87	3.68	3.76	3.88	4.01
		AMPS	11.1	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	14.6	15.2	14.7	15.1	15.6	16.1	15.6	15.9	16.5	17.1
		HI PR	162	174	184	192	182	196	207	216	207	223	235	245	236	254	268	279	265	285	301	314	293	315	333	347
		LO PR	66	70	77	82	70	74	81	86	72	77	84	90	76	81	88	94	80	85	93	99	82	88	96	102
	1200	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
		S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	23	24	23	20	22	22	22	19
		KW	2.83	2.89	2.98	3.07	3.04	3.11	3.20	3.30	3.23	3.30	3.40	3.51	3.39	3.46	3.57	3.69	3.53	3.60	3.72	3.84	3.65	3.73	3.85	3.98
		AMPS	11.0	11.2	11.6	12.0	11.8	12.1	12.5	13.0	12.8	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.6	14.9	15.4	16.0	15.4	15.8	16.3	16.9
		HI PR	161	173	182	190	180	194	205	213	205	220	233	243	233	251	265	277	262	282	298	311	290	312	330	344
		LO PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	92	98	82	87	95	101
	1050	MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8
		S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
		ΔT	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19
		KW	2.77	2.82	2.91	3.00	2.97	3.03	3.13	3.22	3.15	3.22	3.32	3.42	3.31	3.38	3.49	3.60	3.44	3.52	3.63	3.75	3.56	3.64	3.75	3.88
		AMPS	10.7	10.9	11.3	11.7	11.5	11.8	12.2	12.6	12.5	12.8	13.2	13.7	13.3	13.7	14.1	14.6	14.2	14.5	15.0	15.6	15.0	15.4	15.9	16.5
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	226	244	257	268	255	274	289	302	281	303	320	333
		LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

RHA36B2*

Multipliers for *Cooling* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CCA36F*C		0.99	1.01
CCA42F*C		0.99	1.01
CCA48F*C		1.01	1.02
CCH30FCD		0.99	1.01
CCH36FCD		0.99	1.01
CCH48FCD		1.01	1.02
CCF42F*C		0.97	1.01
CCF48F*C		0.97	1.01
CHA30T*C		0.99	1.02
CHA36T*C		0.99	1.02
CHH30TCD		0.99	1.01
CHH36TCD		0.99	1.01
CHF30T*C		0.94	0.99
CHF36T*C		0.97	1.01
CCA36FCC	BBA36A2A	0.99	1.00
CCA42FCC	BBA36A2A	1.00	1.00
CCA36FDC	BBA48A2A	0.99	1.00
CCA42FDC	BBA48A2A	0.99	1.00
CCA48FCC	BBA48A2A	1.01	1.01

Indoor Coil	Blower	Cap	Power
CCA36FKC	BBA60A2A	0.99	1.01
CCA48FDC	BBA60A2A	1.01	1.01
CCF36FCC	BBA36A2A	0.94	0.99
CCF36FDC	BBA48A2A	0.99	1.00
CCF42FCC	BBA48A2A	0.97	1.00
CCF48FCC	BBA48A2A	0.97	1.00
CCF48FDC	BBA60A2A	0.99	1.01
CHA30TCC	BBA36A2A	0.99	1.00
CHA36TCC	BBA36A2A	0.99	1.00
CHF30TCC	BBA36A2A	0.94	0.99
CHF36TCC	BBA48A2A	0.97	1.00
CCA36FCC	BBC36A2A	1.00	1.00
CCA42FCC	BBC36A2A	1.01	1.00
CCA48FCC	BBC48A2A	1.02	0.97
CCF36FCC	BBC36A2A	0.94	0.99
CCF42FCC	BBC48A2A	0.98	0.96
CCF48FCC	BBC48A2A	0.98	0.96
CHA30TCC	BBC36A2A	1.00	1.00
CHA36TCC	BBC36A2A	1.01	1.00

Indoor Coil	Blower	Cap	Power
CHF30TCC	BBC36A2A	0.94	0.99
CHF36TCC	BBC48A2A	0.98	0.96
CCA36F*C+TXV02A		0.99	1.02
CCA42F*C+TXV02A		0.99	1.02
CCA48F*C+TXV02A		1.01	1.02
CCH30FCD+TXV02A		0.99	1.01
CCH36FCD+TXV02A		0.99	1.01
CCH48FCD+TXV02A		1.01	1.02
CCF36FCC+TXV02A		0.94	0.99
CCF42FCC+TXV02A		0.97	1.01
CCF48FCC+TXV02A		0.97	1.01
CCA36FCC+TXV02A	BBA36A2A	0.99	1.00
CCA42FCC+TXV02A	BBA36A2A	0.99	1.00
CCA36FDC+TXV02A	BBA48A2A	0.99	1.01
CCA42FDC+TXV02A	BBA48A2A	0.99	1.00
CCA48FCC+TXV02A	BBA48A2A	1.00	1.01
CCA36FKC+TXV02A	BBA60A2A	1.00	1.01
CCA48FDC+TXV02A	BBA60A2A	1.01	1.02
CCF36FCC+TXV02A	BBA36A2A	0.95	0.99

Indoor Coil	Blower	Cap	Power
CCF36FDC+TXV02A	BBA48A2A	0.99	1.00
CCF42FCC+TXV02A	BBA48A2A	0.97	1.00
CCF48FCC+TXV02A	BBA48A2A	0.97	1.00
CCF48FDC+TXV02A	BBA60A2A	1.00	1.01
CCA36FCC+TXV02A	BBC36A2A	1.00	1.00
CCA42FCC+TXV02A	BBC36A2A	1.01	1.00
CCA36FDC+TXV02A	BBC48A2A	1.01	0.97
CCA42FDC+TXV02A	BBC48A2A	1.02	0.97
CCA48FCC+TXV02A	BBC48A2A	1.02	0.97
CCA36FKC+TXV02A	BBC60A2A	1.02	0.95
CCA48FDC+TXV02A	BBC60A2A	1.03	0.95
CCF36FCC+TXV02A	BBC36A2A	0.94	0.99
CCF36FDC+TXV02A	BBC48A2A	1.00	0.97
CCF42FCC+TXV02A	BBC48A2A	0.98	0.96
CCF48FCC+TXV02A	BBC48A2A	0.98	0.96
CCF48FDC+TXV02A	BBC60A2A	1.02	0.95

Indoor coil cooling capacity (or power) = multiplier X HSV coil cooling capacity (or power) at ARI conditions.

Multipliers for *Heating* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CCA36F*C		0.99	1.03
CCA42F*C		1.00	1.02
CCA48F*C		1.00	1.02
CCH30FCD		1.00	1.02
CCH36FCD		1.00	1.04
CCH48FCD		1.01	1.00
CCF42F*C		1.00	1.03
CCF48F*C		0.98	1.04
CHA30T*C		1.00	1.03
CHA36T*C		1.00	1.02
CHH30TCD		1.00	1.02
CHH36TCD		1.00	1.04
CHF30T*C		0.98	1.05
CHF36T*C		1.00	1.03
CCA36FCC	BBA36A2A	0.99	1.01
CCA42FCC	BBA36A2A	1.00	1.00
CCA36FDC	BBA48A2A	1.00	1.02
CCA42FDC	BBA48A2A	1.00	1.01
CCA48FCC	BBA48A2A	1.00	1.01

Indoor Coil	Blower	Cap	Power
CCA36FKC	BBA60A2A	1.00	1.02
CCA48FDC	BBA60A2A	1.00	1.01
CCF36FCC	BBA36A2A	0.97	1.05
CCF36FDC	BBA48A2A	0.99	1.02
CCF42FCC	BBA48A2A	0.99	1.02
CCF48FCC	BBA48A2A	0.98	1.03
CCF48FDC	BBA60A2A	1.00	1.01
CHA30TCC	BBA36A2A	0.99	1.01
CHA36TCC	BBA36A2A	1.00	1.00
CHF30TCC	BBA36A2A	0.98	1.05
CHF36TCC	BBA48A2A	0.99	1.02
CCA36FCC	BBC36A2A	0.99	1.01
CCA42FCC	BBC36A2A	1.00	0.99
CCA48FCC	BBC48A2A	0.99	0.97
CCF36FCC	BBC36A2A	0.97	1.05
CCF42FCC	BBC48A2A	0.98	0.98
CCF48FCC	BBC48A2A	0.98	0.98
CHA30TCC	BBC36A2A	0.99	1.01
CHA36TCC	BBC36A2A	1.00	0.99

Indoor Coil	Blower	Cap	Power
CHF30TCC	BBC36A2A	0.98	1.05
CHF36TCC	BBC48A2A	0.98	0.98
CCA36F*C+TXV02A		1.00	1.03
CCA42F*C+TXV02A		1.00	1.02
CCA48F*C+TXV02A		1.00	1.02
CCH30FCD+TXV02A		1.00	1.02
CCH36FCD+TXV02A		1.00	1.04
CCH48FCD+TXV02A		1.01	1.00
CCF36FCC+TXV02A		0.98	1.05
CCF42FCC+TXV02A		1.00	1.03
CCF48FCC+TXV02A		0.98	1.04
CCA36FCC+TXV02A	BBA36A2A	0.99	1.01
CCA42FCC+TXV02A	BBA36A2A	1.00	1.00
CCA36FDC+TXV02A	BBA48A2A	1.00	1.02
CCA42FDC+TXV02A	BBA48A2A	1.00	1.00
CCA48FCC+TXV02A	BBA48A2A	1.00	1.01
CCA36FKC+TXV02A	BBA60A2A	1.00	1.02
CCA48FDC+TXV02A	BBA60A2A	1.00	1.01
CCF36FCC+TXV02A	BBA36A2A	0.98	1.05

Indoor Coil	Blower	Cap	Power
CCF36FDC+TXV02A	BBA48A2A	0.99	1.02
CCF42FCC+TXV02A	BBA48A2A	0.99	1.02
CCF48FCC+TXV02A	BBA48A2A	0.98	1.03
CCF48FDC+TXV02A	BBA60A2A	1.00	1.01
CCA36FCC+TXV02A	BBC36A2A	0.99	1.01
CCA42FCC+TXV02A	BBC36A2A	1.00	0.99
CCA36FDC+TXV02A	BBC48A2A	0.99	0.97
CCA42FDC+TXV02A	BBC48A2A	0.99	0.96
CCA48FCC+TXV02A	BBC48A2A	0.99	0.97
CCA36FKC+TXV02A	BBC60A2A	0.98	0.95
CCA48FDC+TXV02A	BBC60A2A	0.98	0.94
CCF36FCC+TXV02A	BBC36A2A	0.98	1.05
CCF36FDC+TXV02A	BBC48A2A	0.98	0.98
CCF42FCC+TXV02A	BBC48A2A	0.98	0.98
CCF48FCC+TXV02A	BBC48A2A	0.98	0.98
CCF48FDC+TXV02A	BBC60A2A	0.98	0.94

Indoor coil heating capacity (or power) = multiplier X HSV coil heating capacity (or power) at 47 °F.

EXPANDED PERFORMANCE DATA

MODEL: RHA42B2*/ CCA48FCC/ BBA48A2A **COOLING OPERATION**

COOLING PERFORMANCE DATA

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
70	1575	MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	3.24	3.31	3.41	-	3.48	3.56	3.67	-	3.70	3.77	3.89	-	3.88	3.97	4.09	-	4.04	4.13	4.26	-	4.18	4.27	4.41	-
		AMPS	12.8	13.1	13.5	-	13.8	14.1	14.6	-	15.0	15.3	15.8	-	16.0	16.4	16.9	-	17.0	17.4	18.0	-	18.0	18.5	19.1	-
		HI PR	153	165	174	-	172	185	195	-	196	210	222	-	223	240	253	-	251	270	285	-	277	298	315	-
		LO PR	60	64	70	-	64	68	74	-	66	70	77	-	69	74	81	-	73	77	84	-	75	80	87	-
	1400	MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		KW	3.22	3.28	3.38	-	3.46	3.53	3.64	-	3.67	3.74	3.86	-	3.85	3.93	4.06	-	4.01	4.10	4.23	-	4.14	4.23	4.37	-
		AMPS	12.7	13.0	13.4	-	13.7	14.0	14.5	-	14.8	15.2	15.7	-	15.9	16.2	16.8	-	16.9	17.3	17.9	-	17.9	18.3	18.9	-
		HI PR	152	163	172	-	170	183	193	-	194	208	220	-	221	237	251	-	248	267	282	-	274	295	311	-
		LO PR	60	63	69	-	63	67	73	-	65	70	76	-	69	73	80	-	72	77	84	-	74	79	86	-
	1225	MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
		ΔT	18	15	12	-	18	15	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	3.14	3.21	3.30	-	3.38	3.45	3.55	-	3.58	3.65	3.77	-	3.76	3.84	3.96	-	3.91	4.00	4.12	-	4.04	4.13	4.26	-
		AMPS	12.3	12.6	13.0	-	13.3	13.6	14.1	-	14.4	14.8	15.3	-	15.4	15.8	16.3	-	16.4	16.8	17.4	-	17.4	17.8	18.4	-
		HI PR	147	158	167	-	165	178	188	-	188	202	213	-	214	230	243	-	241	259	273	-	266	286	302	-
		LO PR	58	61	67	-	61	65	71	-	63	67	74	-	67	71	77	-	70	74	81	-	72	77	84	-
75	1575	MBh	39.86	41.04	44.42	47.68	38.93	40.09	43.39	46.57	38.01	39.13	42.36	45.46	37.08	**38.18**	41.32	44.35	35.23	36.27	39.26	42.13	32.63	33.60	36.36	39.03
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	**0.81**	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	**18**	15	10	19	18	15	10	18	17	14	9
		KW	3.27	3.34	3.44	3.54	3.51	3.58	3.70	3.81	3.73	3.80	3.92	4.05	3.91	**4.00**	4.13	4.26	4.07	4.16	4.30	4.44	4.21	4.31	4.44	4.59
		AMPS	12.9	13.2	13.6	14.1	13.9	14.3	14.7	15.3	15.1	15.5	16.0	16.6	16.1	**16.5**	17.1	17.7	17.2	17.6	18.2	18.9	18.2	18.6	19.3	20.0
		HI PR	155	167	176	183	174	187	197	206	198	213	224	234	225	**242**	256	267	253	272	288	300	280	301	318	331
		LO PR	61	65	71	75	64	68	75	79	67	71	77	83	70	**75**	81	87	73	78	85	91	76	81	88	94
	1400	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	**37.1**	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
		S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	**0.78**	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.61	0.40
		ΔT	20	19	15	10	20	19	15	11	20	19	15	11	21	**19**	15	11	20	19	15	11	19	17	14	10
		KW	3.24	3.31	3.41	3.52	3.48	3.56	3.67	3.78	3.70	3.77	3.89	4.02	3.88	**3.97**	4.09	4.23	4.04	4.13	4.26	4.40	4.18	4.27	4.41	4.55
		AMPS	12.8	13.1	13.5	14.0	13.8	14.1	14.6	15.1	15.0	15.3	15.8	16.4	16.0	**16.4**	16.9	17.6	17.0	17.4	18.0	18.7	18.0	18.5	19.1	19.8
		HI PR	153	165	174	182	172	185	195	204	196	210	222	232	223	**240**	253	264	251	270	285	297	277	298	315	328
		LO PR	60	64	70	74	64	68	74	79	66	70	77	82	69	**74**	81	86	73	77	84	90	75	80	87	93
	1225	MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.2	**34.2**	37.0	39.7	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	**0.75**	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	16	11	19	18	14	10
		KW	3.17	3.23	3.33	3.43	3.40	3.47	3.58	3.69	3.61	3.68	3.80	3.92	3.79	**3.87**	3.99	4.12	3.94	4.03	4.16	4.29	4.08	4.16	4.30	4.44
		AMPS	12.4	12.7	13.1	13.6	13.4	13.7	14.2	14.7	14.6	14.9	15.4	16.0	15.6	**15.9**	16.5	17.1	16.6	17.0	17.5	18.2	17.5	18.0	18.6	19.3
		HI PR	149	160	169	176	167	180	190	198	190	204	216	225	216	**233**	246	256	243	262	276	288	269	289	305	318
		LO PR	58	62	68	72	62	66	72	76	64	68	74	79	67	**72**	78	83	71	75	82	87	73	78	85	90

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: RHA42B2*/ CCA48FCC/ BBA48A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
80	1575	MBh	40.57	41.46	44.29	47.35	39.63	40.49	43.26	46.24	38.68	39.53	42.23	45.14	37.74	38.56	41.20	44.04	35.85	36.64	39.14	41.84	33.21	33.94	36.26	38.76
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.80	0.60
		ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	19	20	17	13
		KW	3.29	3.36	3.46	3.57	3.54	3.61	3.73	3.84	3.75	3.83	3.96	4.08	3.95	4.03	4.16	4.30	4.11	4.20	4.33	4.48	4.25	4.34	4.48	4.63
		AMPS	13.0	13.3	13.7	14.3	14.0	14.4	14.9	15.4	15.3	15.6	16.1	16.7	16.3	16.7	17.2	17.9	17.3	17.8	18.4	19.1	18.4	18.8	19.4	20.2
		HI PR	156	168	178	185	175	189	199	208	200	215	227	236	227	245	258	269	256	275	291	303	282	304	321	335
		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
	1400	MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	**40.0**	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.53	0.95	0.89	**0.73**	0.54	0.99	0.93	0.75	0.56	1.00	0.93	0.76	0.57
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	**19**	15	23	22	19	15	21	20	18	14
		KW	3.27	3.34	3.44	3.54	3.51	3.58	3.70	3.81	3.73	3.80	3.92	4.05	3.91	4.00	**4.13**	4.26	4.07	4.16	4.30	4.44	4.21	4.31	4.45	4.59
		AMPS	12.9	13.2	13.6	14.1	13.9	14.3	14.7	15.3	15.1	15.5	16.0	16.6	16.1	16.5	**17.1**	17.7	17.2	17.6	18.2	18.9	18.2	18.6	19.3	20.0
		HI PR	155	167	176	183	174	187	197	206	198	213	225	234	225	242	**256**	267	253	272	288	300	280	301	318	332
		LO PR	61	65	71	75	64	68	75	79	67	71	77	83	70	75	**81**	87	73	78	85	91	76	81	88	94
	1225	MBh	36.4	37.1	39.7	42.4	35.5	36.3	38.8	41.4	34.7	35.4	37.8	40.5	33.8	34.6	36.9	39.5	32.1	32.8	35.1	37.5	29.8	30.4	32.5	34.7
		S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	21	18	14
		KW	3.19	3.26	3.36	3.46	3.43	3.50	3.61	3.72	3.64	3.71	3.83	3.95	3.82	3.90	4.03	4.16	3.98	4.06	4.19	4.33	4.11	4.20	4.33	4.48
		AMPS	12.5	12.8	13.3	13.7	13.5	13.9	14.3	14.9	14.7	15.1	15.6	16.1	15.7	16.1	16.6	17.2	16.7	17.1	17.7	18.4	17.7	18.1	18.7	19.4
		HI PR	150	162	171	178	169	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91
85	1575	MBh	41.28	42.08	44.07	47.01	40.32	41.10	43.04	45.92	39.36	40.12	42.02	44.83	38.40	39.14	40.99	43.73	36.48	37.18	38.94	41.55	33.79	34.44	36.07	38.49
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
		ΔT	23	23	21	18	23	23	22	19	23	23	22	19	22	23	22	19	21	22	21	19	20	20	20	17
		KW	3.32	3.39	3.49	3.60	3.57	3.64	3.75	3.87	3.78	3.87	3.99	4.12	3.98	4.06	4.19	4.33	4.14	4.23	4.37	4.51	4.28	4.38	4.52	4.67
		AMPS	13.1	13.4	13.9	14.4	14.2	14.5	15.0	15.5	15.4	15.8	16.3	16.9	16.4	16.8	17.4	18.1	17.5	17.9	18.5	19.2	18.5	19.0	19.6	20.4
		HI PR	158	170	179	187	177	191	201	210	202	217	229	239	230	247	261	272	258	278	293	306	285	307	324	338
		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
	1400	MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		ΔT	24	24	22	19	24	24	23	19	24	24	23	20	24	24	23	20	23	24	22	19	22	22	21	18
		KW	3.29	3.36	3.46	3.57	3.54	3.61	3.73	3.84	3.75	3.83	3.96	4.08	3.95	4.03	4.16	4.30	4.11	4.20	4.33	4.48	4.25	4.34	4.48	4.63
		AMPS	13.0	13.3	13.7	14.3	14.0	14.4	14.9	15.4	15.3	15.6	16.1	16.7	16.3	16.7	17.2	17.9	17.3	17.8	18.4	19.1	18.4	18.8	19.4	20.2
		HI PR	156	168	178	185	175	189	199	208	200	215	227	236	227	245	258	269	256	275	291	303	282	304	321	335
		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
	1225	MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.88	0.71
		ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	23	22	21	18
		KW	3.22	3.28	3.38	3.49	3.46	3.53	3.64	3.75	3.67	3.74	3.86	3.98	3.85	3.93	4.06	4.19	4.01	4.09	4.23	4.36	4.14	4.23	4.37	4.51
		AMPS	12.7	13.0	13.4	13.9	13.7	14.0	14.5	15.0	14.8	15.2	15.7	16.3	15.8	16.2	16.8	17.4	16.9	17.3	17.8	18.5	17.9	18.3	18.9	19.6
		HI PR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	251	261	248	267	282	294	274	295	311	325
		LO PR	60	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

RHA42B2*

Multipliers for *Cooling* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CCA36F*C+BDK		0.95	0.98
CCA36F*C+TXV03A		0.98	1.00
CCA42F*C		0.98	1.00
CCA42F*C+TXVO3A		1.00	1.02
CHA42T*C		1.03	1.04
CCA48F*C		0.99	1.01
CCA48F*C+TXV03A		1.03	1.04
CHA48T*C		0.99	1.02
CCA54F*C+BDK		0.95	0.99
CCA54F*C+TXV03A		0.99	1.02
CCH36FCD		1.04	0.90
CCH36FCD+TXV03A		1.00	1.02
CCH48FCD		1.00	1.02
CCH48FCD+TXV03A		1.03	1.04
CHH48TCD		1.03	1.04
CCF36FDC		0.96	0.99
CCF36FDC+TXV03A		1.00	1.01
CCF42FCC		0.98	1.00
CCF42FCC+TXV03A		1.00	1.02
CHF42TCC		0.99	1.03
CCF48FCC		0.96	1.00

Indoor Coil	Blower	Cap	Power
CCF48FCC+TXV03A		0.99	1.03
CCF48FDC		0.98	1.01
CCF48FDC+TXV03A		1.01	1.03
CHF48TCC		1.01	1.03
CCF60FCC		0.99	1.01
CCF60FCC+TXV03A		1.01	1.03
CCA36FCC	BBA36A2A	0.95	0.97
CCA36FCC+TXV03A	BBA36A2A	0.99	0.99
CCA36FDC	BBA48A2A	0.95	0.97
CCA36FDC+TXV03A	BBA48A2A	0.99	0.99
CCA36FKC	BBA60A2A	0.96	0.98
CCA36FKC+TXV03A	BBA60A2A	1.00	1.00
CCA42FCC	BBA36A2A	0.98	1.00
CCA42FCC+TXVO3A	BBA36A2A	1.00	1.02
CCA42FDC	BBA48A2A	0.99	0.99
CCA42FDC+TXV03A	BBA48A2A	1.01	1.02
CHA42TCC	BBA48A2A	1.03	1.03
CCA48FCC	BBA48A2A	1.00	1.00
CCA48FCC+TXV03A	BBA48A2A	1.03	1.03
CCA48FDC	BBA60A2A	1.00	0.99
CCA48FDC+TXV03A	BBA60A2A	1.03	1.02

Indoor Coil	Blower	Cap	Power
CHA48TCC	BBA60A2A	1.00	1.00
CCA54FCC	BBA60A2A	0.95	0.97
CCA54FCC+TXV03A	BBA60A2A	1.00	1.00
CCF36FDC	BBA48A2A	0.96	0.98
CCF36FDC+TXV03A	BBA48A2A	1.00	1.00
CCF42FCC	BBA48A2A	0.98	0.99
CCF42FCC+TXV03A	BBA48A2A	1.00	1.01
CHF42TCC	BBA48A2A	1.00	1.02
CCF48FCC	BBA48A2A	0.96	0.99
CCF48FCC+TXV03A	BBA48A2A	1.00	1.02
CCF48FDC	BBA60A2A	0.99	0.99
CCF48FDC+TXV03A	BBA60A2A	1.01	1.01
CHF48TCC	BBA60A2A	1.01	1.03
CCF60FCC	BBA60A2A	0.99	0.99
CCF60FCC+TXV03A	BBA60A2A	1.01	1.03
CCA36FCC	BBC36A2A	0.96	1.01
CCA36FCC+TXV03A	BBC36A2A	1.00	1.03
CCA36FDC+TXV03A	BBC48A2A	1.01	1.02
CCA36FKC+TXV03A	BBC60A2A	1.03	0.96
CCA42FCC	BBC36A2A	0.98	1.01
CCA42FCC+TXVO3A	BBC36A2A	1.01	1.04

Indoor Coil	Blower	Cap	Power
CCA42FDC+TXV03A	BBC48A2A	1.01	0.99
CHA42TCC	BBC48A2A	1.03	1.00
CCA48FCC	BBC48A2A	1.00	0.98
CCA48FCC+TXV03A	BBC48A2A	1.03	1.00
CCA48FDC+TXV03A	BBC60A2A	1.05	0.97
CHA48TCC	BBC60A2A	1.01	0.95
CCA54FCC	BBC60A2A	0.98	0.93
CCA54FCC+TXV03A	BBC60A2A	1.01	0.95
CCF36FDC+TXV03A	BBC48A2A	1.01	0.99
CCF42FCC	BBC48A2A	0.98	1.01
CCF42FCC+TXV03A	BBC48A2A	1.00	0.99
CHF42TCC	BBC48A2A	1.00	0.99
CCF48FCC	BBC48A2A	0.96	0.97
CCF48FCC+TXV03A	BBC48A2A	1.00	0.99
CCF48FDC+TXV03A	BBC60A2A	1.03	0.96
CHF48TCC	BBC60A2A	1.04	0.96
CCF60FCC	BBC60A2A	1.01	0.94
CCF60FCC+TXV03A	BBC60A2A	1.04	0.96

Indoor coil cooling capacity (or power) = multiplier X HSV coil cooling capacity (or power) at ARI conditions.

Multipliers for *Heating* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CCA36F*C+BDK		0.98	1.00
CCA36F*C+TXV03A		0.98	1.00
CCA42F*C		1.00	0.99
CCA42F*C+TXVO3A		1.00	0.99
CHA42T*C		1.00	0.99
CCA48F*C		1.00	0.99
CCA48F*C+TXV03A		1.00	0.99
CHA48T*C		0.98	1.03
CCA54F*C+BDK		0.98	1.03
CCA54F*C+TXV03A		0.98	1.03
CCH36FCD		0.99	1.01
CCH36FCD+TXV03A		0.99	1.01
CCH48FCD		1.01	0.97
CCH48FCD+TXV03A		1.01	0.97
CHH48TCD		1.01	0.97
CCF36FDC		0.99	1.00
CCF36FDC+TXV03A		0.99	1.01
CCF42FCC		1.00	1.00
CCF42FCC+TXV03A		1.00	1.00
CHF42TCC		0.99	1.03
CCF48FCC		0.99	1.03

Indoor Coil	Blower	Cap	Power
CCF48FCC+TXV03A		0.99	1.03
CCF48FDC		0.99	1.02
CCF48FDC+TXV03A		0.99	1.02
CHF48TCC		1.00	1.00
CCF60FCC		1.00	1.00
CCF60FCC+TXV03A		1.00	1.00
CCA36FCC	BBA36A2A	0.99	1.03
CCA36FCC+TXV03A	BBA36A2A	0.99	1.03
CCA36FDC	BBA48A2A	0.99	1.02
CCA36FDC+TXV03A	BBA48A2A	0.99	1.02
CCA36FKC	BBA60A2A	0.99	1.01
CCA36FKC+TXV03A	BBA60A2A	0.99	1.01
CCA42FCC	BBA36A2A	1.01	1.02
CCA42FCC+TXVO3A	BBA36A2A	1.01	1.02
CCA42FDC	BBA48A2A	1.00	1.00
CCA42FDC+TXV03A	BBA48A2A	1.00	1.00
CHA42TCC	BBA48A2A	1.00	1.00
CCA48FCC	BBA48A2A	1.00	1.00
CCA48FCC+TXV03A	BBA48A2A	1.00	1.00
CCA48FDC	BBA60A2A	1.00	1.00
CCA48FDC+TXV03A	BBA60A2A	1.00	1.00

Indoor Coil	Blower	Cap	Power
CHA48TCC	BBA60A2A	0.99	1.04
CCA54FCC	BBA60A2A	0.99	1.04
CCA54FCC+TXV03A	BBA60A2A	0.99	1.04
CCF36FDC	BBA48A2A	0.99	1.02
CCF36FDC+TXV03A	BBA48A2A	0.99	1.02
CCF42FCC	BBA48A2A	1.00	1.01
CCF42FCC+TXV03A	BBA48A2A	1.00	1.01
CHF42TCC	BBA48A2A	0.99	1.04
CCF48FCC	BBA48A2A	0.99	1.04
CCF48FCC+TXV03A	BBA48A2A	0.99	1.04
CCF48FDC	BBA60A2A	0.99	1.00
CCF48FDC+TXV03A	BBA60A2A	0.99	1.00
CHF48TCC	BBA60A2A	1.00	1.00
CCF60FCC	BBA60A2A	1.00	1.00
CCF60FCC+TXV03A	BBA60A2A	1.00	1.00
CCA36FCC	BBC36A2A	1.01	1.03
CCA36FCC+TXV03A	BBC36A2A	1.01	1.03
CCA36FDC+TXV03A	BBC48A2A	0.99	1.00
CCA36FKC+TXV03A	BBC60A2A	0.99	0.95
CCA42FCC	BBC36A2A	1.01	1.02
CCA42FCC+TXVO3A	BBC36A2A	1.01	1.02

Indoor Coil	Blower	Cap	Power
CCA42FDC+TXV03A	BBC48A2A	1.00	0.99
CHA42TCC	BBC48A2A	1.00	0.98
CCA48FCC	BBC48A2A	1.00	1.00
CCA48FCC+TXV03A	BBC48A2A	1.00	0.98
CCA48FDC+TXV03A	BBC60A2A	0.99	0.94
CHA48TCC	BBC60A2A	0.96	0.98
CCA54FCC	BBC60A2A	0.96	0.98
CCA54FCC+TXV03A	BBC60A2A	0.96	0.98
CCF36FDC+TXV03A	BBC48A2A	0.99	1.00
CCF42FCC	BBC48A2A	1.01	1.03
CCF42FCC+TXV03A	BBC48A2A	0.99	1.00
CHF42TCC	BBC48A2A	0.99	1.02
CCF48FCC	BBC48A2A	0.99	1.02
CCF48FCC+TXV03A	BBC48A2A	0.99	1.02
CCF48FDC+TXV03A	BBC60A2A	0.98	0.95
CHF48TCC	BBC60A2A	0.99	0.95
CCF60FCC	BBC60A2A	0.99	0.95
CCF60FCC+TXV03A	BBC60A2A	0.99	0.95

Indoor coil heating capacity (or power) = multiplier X HSV coil heating capacity (or power) at 47 °F.

EXPANDED PERFORMANCE DATA

MODEL: RHA48B2* / CCA57FCC/ BBA60A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
70	1800	MBh	45.6	47.2	51.7	-	44.5	46.1	50.5	-	43.4	45.0	49.3	-	42.4	43.9	48.1	-	40.3	41.7	45.7	-	37.3	38.7	42.4	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	3.50	3.57	3.68	-	3.76	3.84	3.96	-	3.99	4.07	4.20	-	4.19	4.28	4.42	-	4.36	4.46	4.60	-	4.51	4.61	4.76	-
		AMPS	15.0	15.3	15.8	-	16.2	16.6	17.1	-	17.6	18.0	18.6	-	18.8	19.3	19.9	-	20.0	20.5	21.2	-	21.2	21.7	22.5	-
		HI PR	145	156	165	-	163	175	185	-	185	199	210	-	211	227	239	-	237	255	269	-	262	282	297	-
		LO PR	61	65	71	-	64	68	75	-	67	71	78	-	70	75	82	-	74	78	85	-	76	81	88	-
	1600	MBh	44.2	45.9	50.2	-	43.2	44.8	49.1	-	42.2	43.7	47.9	-	41.2	42.7	46.7	-	39.1	40.5	44.4	-	36.2	37.5	41.1	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	3.48	3.55	3.65	-	3.73	3.81	3.93	-	3.96	4.04	4.17	-	4.16	4.25	4.38	-	4.33	4.42	4.56	-	4.47	4.57	4.72	-
		AMPS	14.8	15.2	15.7	-	16.0	16.4	17.0	-	17.4	17.8	18.4	-	18.6	19.1	19.7	-	19.8	20.3	21.0	-	21.0	21.5	22.3	-
		HI PR	143	154	163	-	161	173	183	-	183	197	208	-	208	224	237	-	234	252	266	-	259	279	294	-
		LO PR	60	64	70	-	64	68	74	-	66	70	77	-	70	74	81	-	73	78	85	-	75	80	88	-
	1400	MBh	40.8	42.3	46.4	-	39.9	41.3	45.3	-	38.9	40.4	44.2	-	38.0	39.4	43.1	-	36.1	37.4	41.0	-	33.4	34.6	38.0	-
		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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	3.40	3.46	3.57	-	3.64	3.72	3.83	-	3.86	3.94	4.07	-	4.06	4.14	4.27	-	4.22	4.31	4.45	-	4.36	4.46	4.60	-
		AMPS	14.4	14.8	15.2	-	15.6	16.0	16.5	-	16.9	17.4	17.9	-	18.1	18.6	19.2	-	19.3	19.8	20.4	-	20.4	20.9	21.6	-
		HI PR	139	150	158	-	156	168	177	-	178	191	202	-	202	218	230	-	227	245	258	-	251	270	286	-
		LO PR	58	62	68	-	62	66	72	-	64	68	75	-	67	72	78	-	71	75	82	-	73	78	85	-
75	1800	MBh	46.34	47.71	51.64	55.43	45.26	46.60	50.44	54.14	44.18	45.49	49.24	52.85	43.11	**44.38**	48.04	51.56	40.95	42.16	45.64	48.98	37.93	39.06	42.27	45.37
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	**0.81**	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	**18**	15	10	20	18	15	10	18	17	14	10
		KW	3.53	3.60	3.71	3.83	3.79	3.87	3.99	4.12	4.02	4.11	4.24	4.37	4.22	**4.32**	4.45	4.60	4.40	4.49	4.64	4.79	4.55	4.65	4.80	4.96
		AMPS	15.1	15.5	16.0	16.6	16.3	16.7	17.3	17.9	17.7	18.2	18.8	19.5	19.0	**19.4**	20.1	20.9	20.2	20.7	21.4	22.2	21.4	22.0	22.7	23.6
		HI PR	146	157	166	173	164	177	187	195	187	201	212	221	213	**229**	242	252	239	257	272	284	264	284	300	313
		LO PR	62	65	71	76	65	69	75	80	68	72	78	84	71	**75**	82	88	74	79	86	92	77	82	89	95
	1600	MBh	45.0	46.3	50.1	53.8	43.9	45.2	49.0	52.6	42.9	44.2	47.8	51.3	41.9	**43.1**	46.6	50.1	39.8	40.9	44.3	47.6	36.8	37.9	41.0	44.0
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	**0.77**	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	15	11	19	18	14	10
		KW	3.50	3.57	3.68	3.80	3.76	3.84	3.96	4.08	3.99	4.07	4.20	4.34	4.19	**4.28**	4.42	4.56	4.36	4.46	4.60	4.75	4.51	4.61	4.76	4.91
		AMPS	15.0	15.3	15.8	16.4	16.2	16.6	17.1	17.8	17.6	18.0	18.6	19.3	18.8	**19.3**	19.9	20.7	20.0	20.5	21.2	22.0	21.2	21.7	22.5	23.4
		HI PR	145	156	165	172	163	175	185	193	185	199	210	219	211	**227**	239	250	237	255	269	281	262	282	297	310
		LO PR	61	65	71	75	64	68	75	80	67	71	78	83	70	**75**	82	87	74	78	85	91	76	81	88	94
	1400	MBh	41.5	42.8	46.3	49.7	40.6	41.8	45.2	48.5	39.6	40.8	44.1	47.4	38.6	**39.8**	43.0	46.2	36.7	37.8	40.9	43.9	34.0	35.0	37.9	40.7
		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	**0.75**	0.56	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	16	11	19	18	15	10
		KW	3.42	3.49	3.60	3.71	3.67	3.75	3.86	3.99	3.89	3.98	4.10	4.23	4.09	**4.18**	4.31	4.45	4.26	4.35	4.49	4.63	4.40	4.49	4.64	4.79
		AMPS	14.5	14.9	15.4	16.0	15.7	16.1	16.6	17.3	17.1	17.5	18.1	18.8	18.3	**18.7**	19.4	20.1	19.5	19.9	20.6	21.4	20.6	21.1	21.9	22.7
		HI PR	141	151	160	167	158	170	179	187	179	193	204	213	204	**220**	232	242	230	247	261	272	254	273	289	301
		LO PR	59	63	69	73	62	66	72	77	65	69	75	80	68	**72**	79	84	71	76	83	88	74	79	86	91

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: RHA48B2* / CCA57FCC/ BBA60A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
80	1800	MBh	47.16	48.19	51.49	55.04	46.07	47.07	50.29	53.76	44.97	45.95	49.09	52.48	43.87	44.83	47.90	51.20	41.68	42.59	45.50	48.64	38.61	39.45	42.15	45.06
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.79	0.59
		ΔT	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	21	21	18	15	20	20	17	14
		KW	3.56	3.63	3.74	3.86	3.82	3.90	4.02	4.15	4.05	4.14	4.27	4.41	4.26	4.35	4.49	4.64	4.43	4.53	4.68	4.83	4.58	4.68	4.84	5.00
		AMPS	15.2	15.6	16.1	16.7	16.5	16.9	17.4	18.1	17.9	18.4	19.0	19.7	19.2	19.6	20.3	21.1	20.4	20.9	21.6	22.4	21.6	22.2	22.9	23.8
		HI PR	148	159	168	175	166	178	188	197	189	203	214	224	215	231	244	255	242	260	275	286	267	287	303	316
		LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96
	1600	MBh	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.7	44.6	47.7	51.0	42.6	43.5	**46.5**	49.7	40.5	41.3	44.2	47.2	37.5	38.3	40.9	43.7
		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	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	**19**	15	23	22	19	15	21	20	18	14
		KW	3.53	3.60	3.71	3.83	3.79	3.87	3.99	4.12	4.02	4.11	4.24	4.37	4.22	4.32	**4.45**	4.60	4.40	4.49	4.64	4.79	4.55	4.65	4.80	4.96
		AMPS	15.1	15.5	16.0	16.6	16.3	16.7	17.3	17.9	17.7	18.2	18.8	19.5	19.0	19.4	**20.1**	20.9	20.2	20.7	21.4	22.2	21.4	22.0	22.7	23.6
		HI PR	146	157	166	173	164	177	187	195	187	201	212	221	213	229	**242**	252	239	258	272	284	264	285	300	313
		LO PR	62	65	71	76	65	69	75	80	68	72	78	84	71	75	**82**	88	74	79	86	92	77	82	89	95
	1400	MBh	42.3	43.2	46.1	49.3	41.3	42.2	45.1	48.2	40.3	41.2	44.0	47.0	39.3	40.2	42.9	45.9	37.3	38.2	40.8	43.6	34.6	35.4	37.8	40.4
		S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55
		ΔT	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	23	22	19	16	22	21	18	14
		KW	3.45	3.52	3.62	3.74	3.70	3.78	3.89	4.02	3.93	4.01	4.13	4.27	4.12	4.21	4.34	4.48	4.29	4.38	4.52	4.67	4.44	4.53	4.68	4.83
		AMPS	14.7	15.0	15.5	16.1	15.9	16.3	16.8	17.4	17.3	17.7	18.3	19.0	18.5	18.9	19.5	20.3	19.6	20.1	20.8	21.6	20.8	21.3	22.1	22.9
		HI PR	142	153	161	168	159	171	181	189	181	195	206	215	206	222	234	245	232	250	264	275	256	276	291	304
		LO PR	60	63	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
85	1800	MBh	47.99	48.91	51.23	54.65	46.87	47.78	50.04	53.38	45.75	46.64	48.85	52.11	44.64	45.50	47.66	50.84	42.41	43.23	45.27	48.30	39.28	40.04	41.94	44.74
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	23	23	22	19	24	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	20	20	20	18
		KW	3.58	3.66	3.77	3.89	3.85	3.93	4.05	4.18	4.09	4.17	4.30	4.44	4.29	4.39	4.53	4.67	4.47	4.57	4.71	4.87	4.62	4.72	4.88	5.04
		AMPS	15.4	15.7	16.3	16.9	16.6	17.0	17.6	18.3	18.1	18.5	19.1	19.9	19.3	19.8	20.5	21.3	20.6	21.1	21.8	22.6	21.8	22.4	23.1	24.0
		HI PR	149	161	170	177	168	180	190	199	191	205	216	226	217	233	247	257	244	263	277	289	270	290	306	320
		LO PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	78	83	91	97
	1600	MBh	46.6	47.5	49.7	53.1	45.5	46.4	48.6	51.8	44.4	45.3	47.4	50.6	43.3	44.2	46.3	49.4	41.2	42.0	44.0	46.9	38.1	38.9	40.7	43.4
		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	0.74
		ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
		KW	3.56	3.63	3.74	3.86	3.82	3.90	4.02	4.15	4.05	4.14	4.27	4.41	4.26	4.35	4.49	4.64	4.43	4.53	4.68	4.83	4.58	4.68	4.84	5.00
		AMPS	15.2	15.6	16.1	16.7	16.5	16.9	17.4	18.1	17.9	18.4	19.0	19.7	19.2	19.6	20.3	21.1	20.4	20.9	21.6	22.4	21.6	22.2	22.9	23.8
		HI PR	148	159	168	175	166	178	188	197	189	203	214	224	215	231	244	255	242	260	275	286	267	287	303	316
		LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96
	1400	MBh	43.0	43.8	45.9	49.0	42.0	42.8	44.8	47.8	41.0	41.8	43.8	46.7	40.0	40.8	42.7	45.6	38.0	38.7	40.6	43.3	35.2	35.9	37.6	40.1
		S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.83	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	25	24	23	20	23	23	22	19
		KW	3.47	3.55	3.65	3.77	3.73	3.81	3.93	4.05	3.96	4.04	4.17	4.30	4.16	4.24	4.38	4.52	4.33	4.42	4.56	4.71	4.47	4.57	4.72	4.87
		AMPS	14.8	15.2	15.7	16.3	16.0	16.4	17.0	17.6	17.4	17.8	18.4	19.1	18.6	19.1	19.7	20.5	19.8	20.3	21.0	21.8	21.0	21.5	22.3	23.1
		HI PR	143	154	163	170	161	173	183	191	183	197	208	217	208	224	237	247	234	252	266	278	259	279	294	307
		LO PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	77	85	90	75	80	88	93

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

COOLING PERFORMANCE DATA

EXPANDED PREFORMANCE DATA

RHA48B2*

Multipliers for *Cooling* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA42T*C		0.98	0.99
CCA48F*C		0.96	0.99
CCA48F*C+TXV03A		0.98	0.99
CHA54T*C		1.01	1.02
CCA57F*C		0.99	1.01
CCA57F*C+TXV03A		1.01	1.02
CHA57T*C		1.02	1.02
CCA60F*C		1.02	0.90
CCA60F*C+TXV03A		1.02	1.02
CCH48FCD		1.00	1.01
CCH48FCD+TXV03A		1.00	1.02
CHH48TCD		1.00	1.02
CCH60FCD		1.02	1.02
CCH60FCD+TXV03A		1.03	1.03
CHH60TCD		1.03	1.03
CHF42TCC		0.95	0.98
CCF48FCC		0.92	0.98
CCF48FCC+TXV03A		0.95	0.98
CCF48FDC		0.95	0.98

Indoor Coil	Blower	Cap	Power
CCF48FDC+TXV03A		0.97	0.99
CHF48TCC		0.98	1.01
CCF60FCC		0.97	1.00
CCF60FCC+TXVO3A		0.98	1.01
CHA42TCC	BBA48A2A	0.98	0.98
CCA48FCC	BBA48A2A	0.96	0.97
CCA48FCC+TXV03A	BBA48A2A	0.98	0.98
CHA54TCC	BBA60A2A	1.01	1.01
CCA57FCC	BBA60A2A	1.00	1.00
CCA57FCC+TXV03A	BBA60A2A	1.01	1.01
CHA57TCC	BBA60A2A	1.02	1.01
CCA60FCC	BBA60A2A	1.02	1.00
CCA60FCC+TXV03A	BBA60A2A	1.02	1.01
CHF42TCC	BBA48A2A	0.95	1.01
CCF48FCC	BBA48A2A	0.92	0.96
CCF48FCC+TXV03A	BBA48A2A	0.95	1.01
CCF48FDC	BBA60A2A	0.95	0.98
CCF48FDC+TXV03A	BBA60A2A	0.97	0.99
CHF48TCC	BBA60A2A	0.98	1.00

Indoor Coil	Blower	Cap	Power
CCF60FCC	BBA60A2A	0.97	0.99
CCF60FCC+TXVO3A	BBA60A2A	0.98	1.00
CHA42T*C	BBC48A2A	0.99	1.00
CCA48F*C	BBC48A2A	0.97	0.99
CCA48F*C+TXV03A	BBC48A2A	1.00	1.00
CHA54T*C	BBC60A2A	1.03	0.96
CCA57F*C	BBC60A2A	1.00	0.95
CCA57F*C+TXV03A	BBC60A2A	1.03	0.96
CHA57T*C	BBC60A2A	1.03	0.96
CCA60F*C	BBC60A2A	1.02	0.95
CCA60F*C+TXV03A	BBC60A2A	1.03	0.96
CHF42TCC	BBC48A2A	0.96	1.03
CCF48FCC	BBC48A2A	0.94	0.98
CCF48FCC+TXV03A	BBC48A2A	0.96	1.03
CCF48FDC	BBC60A2A	0.97	0.94
CCF48FDC+TXV03A	BBC60A2A	0.99	0.95
CHF48TCC	BBC60A2A	1.00	0.95
CCF60FCC	BBC60A2A	0.98	0.94
CCF60FCC+TXVO3A	BBC60A2A	1.00	0.95

Indoor coil cooling capacity (or power) = multiplier X HSV coil cooling capacity (or power) at ARI conditions.

Multipliers for *Heating* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA42T*C		0.99	1.02
CCA48F*C		0.99	1.02
CCA48F*C+TXV03A		0.99	1.02
CHA54T*C		1.00	1.00
CCA57F*C		1.00	1.00
CCA57F*C+TXV03A		1.00	1.00
CHA57T*C		1.00	0.99
CCA60F*C		1.00	0.99
CCA60F*C+TXV03A		1.00	0.99
CCH48FCD		1.01	0.99
CCH48FCD+TXV03A		1.01	0.99
CHH48TCD		1.01	0.99
CCH60FCD		1.01	0.98
CCH60FCD+TXV03A		1.01	0.98
CHH60TCD		1.01	0.99
CHF42TCC		0.98	1.06
CCF48FCC		0.98	1.06
CCF48FCC+TXV03A		0.98	1.06
CCF48FDC		0.98	1.04

Indoor Coil	Blower	Cap	Power
CCF48FDC+TXV03A		0.98	1.04
CHF48TCC		1.00	1.02
CCF60FCC		1.00	1.02
CCF60FCC+TXVO3A		1.00	1.02
CHA42TCC	BBA48A2A	0.99	1.02
CCA48FCC	BBA48A2A	0.99	1.02
CCA48FCC+TXV03A	BBA48A2A	0.99	1.02
CHA54TCC	BBA60A2A	1.00	1.01
CCA57FCC	BBA60A2A	1.00	1.00
CCA57FCC+TXV03A	BBA60A2A	1.00	1.01
CHA57TCC	BBA60A2A	1.00	1.00
CCA60FCC	BBA60A2A	1.01	0.99
CCA60FCC+TXV03A	BBA60A2A	1.00	1.00
CHF42TCC	BBA48A2A	0.97	1.06
CCF48FCC	BBA48A2A	0.97	1.06
CCF48FCC+TXV03A	BBA48A2A	0.97	1.06
CCF48FDC	BBA60A2A	0.99	1.04
CCF48FDC+TXV03A	BBA60A2A	0.99	1.05
CHF48TCC	BBA60A2A	1.00	1.02

Indoor Coil	Blower	Cap	Power
CCF60FCC	BBA60A2A	1.00	1.02
CCF60FCC+TXVO3A	BBA60A2A	1.00	1.02
CHA42T*C	BBC48A2A	1.00	1.02
CCA48F*C	BBC48A2A	1.00	1.04
CCA48F*C+TXV03A	BBC48A2A	1.00	1.02
CHA54T*C	BBC60A2A	0.99	0.96
CCA57F*C	BBC60A2A	0.99	0.95
CCA57F*C+TXV03A	BBC60A2A	0.99	0.96
CHA57T*C	BBC60A2A	0.99	0.95
CCA60F*C	BBC60A2A	0.99	0.94
CCA60F*C+TXV03A	BBC60A2A	0.99	0.95
CHF42TCC	BBC48A2A	0.98	1.05
CCF48FCC	BBC48A2A	0.98	1.05
CCF48FCC+TXV03A	BBC48A2A	0.98	1.05
CCF48FDC	BBC60A2A	0.98	0.99
CCF48FDC+TXV03A	BBC60A2A	0.98	0.99
CHF48TCC	BBC60A2A	0.98	0.97
CCF60FCC	BBC60A2A	0.98	0.97
CCF60FCC+TXVO3A	BBC60A2A	0.98	0.97

Indoor coil heating capacity (or power) = multiplier X HSV coil heating capacity (or power) at 47 °F.

EXPANDED PERFORMANCE DATA

MODEL: RHA60B2* / CCA60FCC/ BBA60A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
70	2250	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-
		ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	13	10	-
		KW	4.56	4.65	4.80	-	4.90	5.01	5.16	-	5.20	5.32	5.48	-	5.47	5.59	5.77	-	5.70	5.82	6.01	-	5.89	6.02	6.22	-
		AMPS	16.2	16.6	17.2	-	17.6	18.0	18.6	-	19.1	19.6	20.3	-	20.5	21.0	21.7	-	21.8	22.4	23.1	-	23.1	23.7	24.5	-
		HI PR	157	169	178	-	176	190	200	-	200	216	228	-	228	246	259	-	257	276	292	-	284	305	322	-
		LO PR	60	64	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	80	87	-
	1900	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	4.53	4.62	4.76	-	4.86	4.97	5.12	-	5.16	5.27	5.44	-	5.43	5.54	5.72	-	5.65	5.77	5.96	-	5.84	5.97	6.17	-
		AMPS	16.1	16.5	17.0	-	17.4	17.8	18.4	-	18.9	19.4	20.1	-	20.3	20.8	21.5	-	21.6	22.1	22.9	-	22.9	23.5	24.3	-
		HI PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	274	289	-	281	302	319	-
		LO PR	59	63	69	-	63	67	73	-	65	69	75	-	68	73	79	-	72	76	83	-	74	79	86	-
	1750	MBh	53.4	55.4	60.7	-	52.2	54.1	59.2	-	50.9	52.8	57.8	-	49.7	51.5	56.4	-	47.2	48.9	53.6	-	43.7	45.3	49.7	-
		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	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	4.47	4.56	4.70	-	4.80	4.90	5.05	-	5.09	5.20	5.37	-	5.35	5.47	5.64	-	5.57	5.69	5.88	-	5.76	5.89	6.08	-
		AMPS	15.8	16.2	16.8	-	17.1	17.6	18.1	-	18.6	19.1	19.8	-	20.0	20.5	21.1	-	21.3	21.8	22.5	-	22.5	23.1	23.9	-
		HI PR	153	164	174	-	171	185	195	-	195	210	222	-	222	239	252	-	250	269	284	-	276	297	314	-
		LO PR	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	84	-
75	2250	MBh	56.80	58.48	63.30	67.94	55.48	57.12	61.83	66.36	54.16	55.76	60.36	64.78	52.84	**54.40**	58.89	63.20	50.20	51.68	55.94	60.04	46.50	47.87	51.82	55.62
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.78	0.59	0.38	0.91	**0.81**	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	19	18	14	10	19	18	15	10	19	18	15	10	20	**18**	15	10	19	18	15	10	18	17	14	9
		KW	4.60	4.69	4.84	4.99	4.94	5.05	5.20	5.37	5.25	5.36	5.53	5.71	5.52	**5.63**	5.82	6.01	5.74	5.87	6.06	6.26	5.94	6.07	6.27	6.48
		AMPS	16.4	16.8	17.3	18.0	17.7	18.2	18.8	19.5	19.3	19.8	20.5	21.2	20.7	**21.2**	21.9	22.7	22.0	22.6	23.3	24.2	23.4	23.9	24.8	25.7
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	**248**	262	273	259	279	295	307	287	308	326	340
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	**74**	81	86	73	78	85	90	75	80	88	93
	1900	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	**52.8**	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		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
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	**20**	16	11	21	19	16	11	20	18	15	10
		KW	4.56	4.66	4.80	4.95	4.90	5.01	5.16	5.33	5.20	5.32	5.49	5.66	5.47	**5.59**	5.77	5.96	5.70	5.82	6.01	6.21	5.89	6.02	6.22	6.43
		AMPS	16.2	16.6	17.2	17.8	17.6	18.0	18.6	19.3	19.1	19.6	20.3	21.0	20.5	**21.0**	21.7	22.5	21.8	22.4	23.1	24.0	23.1	23.7	24.5	25.5
		HI PR	157	169	178	186	176	190	200	209	200	216	228	238	228	**246**	259	271	257	276	292	304	284	305	322	336
		LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	**73**	80	85	72	77	84	89	75	80	87	92
	1750	MBh	54.3	55.9	60.5	65.0	53.1	54.6	59.1	63.5	51.8	53.3	57.7	62.0	50.5	**52.0**	56.3	60.4	48.0	49.4	53.5	57.4	44.5	45.8	49.6	53.2
		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
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	**20**	17	12	22	20	16	11	20	19	15	11
		KW	4.50	4.59	4.73	4.88	4.84	4.94	5.09	5.26	5.13	5.24	5.41	5.58	5.40	**5.51**	5.69	5.87	5.62	5.74	5.93	6.12	5.81	5.94	6.13	6.33
		AMPS	16.0	16.4	16.9	17.6	17.3	17.7	18.3	19.0	18.8	19.3	19.9	20.7	20.1	**20.6**	21.3	22.2	21.5	22.0	22.8	23.6	22.8	23.3	24.1	25.1
		HI PR	154	166	175	183	173	186	197	205	197	212	224	233	224	**241**	255	266	252	272	287	299	279	300	317	331
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	**72**	79	84	71	76	83	88	73	78	85	91

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: RHA60B2* / CCA60FCC/ BBA60A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
80	2250	MBh	57.81	59.07	63.11	67.47	56.47	57.70	61.65	65.90	55.12	56.33	60.18	64.33	53.78	54.95	58.71	62.76	51.09	52.20	55.77	59.62	47.32	48.36	51.66	55.23
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.79	0.59
		ΔT	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	15	21	21	18	14	19	20	17	13
		KW	4.63	4.73	4.87	5.03	4.98	5.09	5.25	5.42	5.29	5.40	5.58	5.76	5.56	5.68	5.86	6.06	5.79	5.92	6.11	6.31	5.99	6.12	6.32	6.54
		AMPS	16.5	16.9	17.5	18.2	17.9	18.3	19.0	19.7	19.5	20.0	20.6	21.4	20.9	21.4	22.1	23.0	22.2	22.8	23.6	24.5	23.6	24.2	25.0	26.0
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	251	265	276	262	282	298	310	289	311	329	343
		LO PR	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94
	1900	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	**57.0**	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		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
		ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	**20**	16	24	23	20	16	22	21	18	15
		KW	4.60	4.69	4.84	4.99	4.94	5.05	5.20	5.37	5.25	5.36	5.53	5.71	5.52	5.64	**5.82**	6.01	5.74	5.87	6.06	6.26	5.94	6.07	6.27	6.48
		AMPS	16.4	16.8	17.3	18.0	17.7	18.2	18.8	19.5	19.3	19.8	20.5	21.2	20.7	21.2	**21.9**	22.7	22.0	22.6	23.3	24.2	23.4	23.9	24.8	25.7
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	248	**262**	273	259	279	295	307	287	308	326	340
		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	93
	1750	MBh	55.3	56.5	60.4	64.5	54.0	55.2	59.0	63.0	52.7	53.9	57.5	61.5	51.4	52.6	56.1	60.0	48.9	49.9	53.3	57.0	45.3	46.2	49.4	52.8
		S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.88	0.83	0.68	0.50	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55
		ΔT	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	24	23	20	16	23	22	19	15
		KW	4.54	4.63	4.77	4.92	4.88	4.98	5.13	5.30	5.18	5.29	5.45	5.63	5.44	5.56	5.74	5.92	5.66	5.79	5.98	6.17	5.86	5.99	6.18	6.39
		AMPS	16.1	16.5	17.1	17.7	17.5	17.9	18.5	19.2	19.0	19.5	20.1	20.9	20.3	20.8	21.5	22.4	21.7	22.2	23.0	23.9	23.0	23.6	24.4	25.3
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	258	269	255	274	290	302	282	303	320	334
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92
85	2250	MBh	58.82	59.96	62.80	67.00	57.45	58.57	61.34	65.44	56.09	57.17	59.88	63.88	54.72	55.78	58.42	62.32	51.98	52.99	55.50	59.21	48.15	49.08	51.41	54.84
		S/T	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	23	22	21	18	23	23	21	19	23	23	21	19	22	23	22	19	21	22	21	18	20	20	20	17
		KW	4.67	4.77	4.91	5.07	5.02	5.13	5.29	5.46	5.33	5.45	5.62	5.80	5.61	5.73	5.91	6.11	5.84	5.97	6.16	6.37	6.04	6.17	6.38	6.59
		AMPS	16.7	17.1	17.7	18.3	18.1	18.5	19.1	19.9	19.7	20.2	20.8	21.6	21.1	21.6	22.3	23.2	22.4	23.0	23.8	24.7	23.8	24.4	25.2	26.2
		HI PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	346
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	74	79	86	92	77	82	89	95
	1900	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		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
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	24	25	23	20	23	23	22	19
		KW	4.63	4.73	4.87	5.03	4.98	5.09	5.25	5.42	5.29	5.40	5.58	5.76	5.56	5.68	5.86	6.06	5.79	5.92	6.11	6.31	5.99	6.12	6.32	6.54
		AMPS	16.5	16.9	17.5	18.2	17.9	18.3	19.0	19.7	19.5	20.0	20.6	21.4	20.9	21.4	22.1	23.0	22.2	22.8	23.6	24.5	23.6	24.2	25.0	26.0
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	251	265	276	262	282	298	310	289	311	329	343
		LO PR	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94
	1750	MBh	56.3	57.3	60.1	64.1	54.9	56.0	58.7	62.6	53.6	54.7	57.3	61.1	52.3	53.3	55.9	59.6	49.7	50.7	53.1	56.6	46.0	46.9	49.2	52.4
		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
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	24	23	20
		KW	4.57	4.67	4.81	4.96	4.91	5.02	5.18	5.34	5.22	5.33	5.50	5.68	5.48	5.60	5.78	5.97	5.71	5.84	6.02	6.22	5.91	6.04	6.23	6.44
		AMPS	16.3	16.7	17.2	17.9	17.6	18.1	18.7	19.4	19.2	19.7	20.3	21.1	20.5	21.0	21.8	22.6	21.9	22.4	23.2	24.1	23.2	23.8	24.6	25.6
		HI PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	258	277	293	305	285	306	323	337
		LO PR	60	64	70	74	63	67	74	78	66	70	76	81	69	74	80	86	72	77	84	90	75	80	87	93

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

RHA60B2*

Multipliers for *Cooling* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA54T*C		1.00	1.00
CCA57F*C		0.99	0.99
CCA57F*C+TXV03A		1.00	1.00
CHA57T*C		1.02	1.01
CCA60F*C		1.01	0.99
CCA60F*C+TXV03A		1.02	1.01
CHA60T*C		1.01	1.01
CCH48FCD		1.00	0.99
CCH48FCD+TXV03A		1.02	1.01
CHH48TCD		1.02	1.01
CCH60FCD		1.04	1.00
CCH60FCD+TXV03A		1.04	1.02

Indoor Coil	Blower	Cap	Power
CHH60TCD		1.04	1.02
CCF60FCC		0.96	0.98
CCF60FCC+TXV03A		0.96	0.99
CHA54TCC	BBA60A2A	1.00	1.03
CCA57FCC	BBA60A2A	0.99	1.01
CCA57FCC+TXV03A	BBA60A2A	1.00	1.03
CHA57TCC	BBA60A2A	1.01	1.02
CCA60FCC	BBA60A2A	1.00	1.00
CCA60FCC+TXV03A	BBA60A2A	1.01	1.02
CHA60TCC	BBA60A2A	1.02	1.03
CCF60FCC	BBA60A2A	0.96	0.99
CCF60FCC+TXV03A	BBA60A2A	0.96	1.01

Indoor Coil	Blower	Cap	Power
CHA54TCC	BBC60A2A	1.01	0.98
CCA57FCC	BBC60A2A	1.00	0.96
CCA57FCC+TXV03A	BBC60A2A	1.01	0.98
CHA57TCC	BBC60A2A	1.02	0.98
CCA60FCC	BBC60A2A	1.01	0.96
CCA60FCC+TXV03A	BBC60A2A	1.02	0.98
CHA60TCC	BBC60A2A	1.03	0.98
CCF60FCC	BBC60A2A	0.97	0.95
CCF60FCC+TXV03A	BBC60A2A	0.98	0.96

Indoor coil cooling capacity (or power) = multiplier X HSV coil cooling capacity (or power) at ARI conditions.

Multipliers for *Heating* Expanded Performance Data with Mix Matched Indoor Sections

Indoor Coil	Blower	Cap	Power
CHA54T*C		0.99	1.00
CCA57F*C		0.99	1.00
CCA57F*C+TXV03A		0.99	1.00
CHA57T*C		0.99	0.99
CCA60F*C		0.99	0.99
CCA60F*C+TXV03A		0.99	0.99
CHA60T*C		1.01	0.98
CCH48FCD		0.99	0.98
CCH48FCD+TXV03A		0.99	0.98
CHH48TCD		0.99	0.98
CCH60FCD		1.00	0.97
CCH60FCD+TXV03A		1.00	0.97

Indoor Coil	Blower	Cap	Power
CHH60TCD		1.00	0.97
CCF60FCC		0.98	1.03
CCF60FCC+TXV03A		0.98	1.03
CHA54TCC	BBA60A2A	0.99	1.01
CCA57FCC	BBA60A2A	0.99	1.01
CCA57FCC+TXV03A	BBA60A2A	0.99	1.01
CHA57TCC	BBA60A2A	1.00	1.00
CCA60FCC	BBA60A2A	1.00	1.00
CCA60FCC+TXV03A	BBA60A2A	1.00	1.00
CHA60TCC	BBA60A2A	1.00	0.99
CCF60FCC	BBA60A2A	0.99	1.04
CCF60FCC+TXV03A	BBA60A2A	0.99	1.04

Indoor Coil	Blower	Cap	Power
CHA54TCC	BBC60A2A	0.98	0.96
CCA57FCC	BBC60A2A	0.98	0.96
CCA57FCC+TXV03A	BBC60A2A	0.98	0.96
CHA57TCC	BBC60A2A	0.98	0.95
CCA60FCC	BBC60A2A	0.98	0.95
CCA60FCC+TXV03A	BBC60A2A	0.98	0.95
CHA60TCC	BBC60A2A	0.99	0.93
CCF60FCC	BBC60A2A	0.97	0.99
CCF60FCC+TXV03A	BBC60A2A	0.97	0.99

Indoor coil heating capacity (or power) = multiplier X HSV coil heating capacity (or power) at 47 °F.

EXPANDED PERFORMANCE DATA

MODEL: RHA48B3* / CHA54TCC/ BBA60A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
70	1800	MBh	45.6	47.2	51.7	-	44.5	46.1	50.5	-	43.4	45.0	49.3	-	42.4	43.9	48.1	-	40.3	41.7	45.7	-	37.3	38.7	42.4	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	3.45	3.52	3.62	-	3.70	3.78	3.89	-	3.93	4.01	4.13	-	4.12	4.21	4.34	-	4.29	4.38	4.52	-	4.44	4.53	4.68	-
		AMPS	12.1	12.3	12.7	-	13.0	13.3	13.7	-	14.1	14.4	14.9	-	15.0	15.4	15.9	-	15.9	16.3	16.8	-	16.9	17.3	17.8	-
		HI PR	145	156	165	-	163	175	185	-	185	199	210	-	211	227	239	-	237	255	269	-	262	282	297	-
		LO PR	61	65	71	-	64	68	75	-	67	71	78	-	70	75	82	-	74	78	85	-	76	81	88	-
	1600	MBh	44.2	45.9	50.2	-	43.2	44.8	49.1	-	42.2	43.7	47.9	-	41.2	42.7	46.7	-	39.1	40.5	44.4	-	36.2	37.5	41.1	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	3.42	3.49	3.60	-	3.67	3.75	3.86	-	3.89	3.98	4.10	-	4.09	4.18	4.31	-	4.26	4.35	4.49	-	4.40	4.49	4.64	-
		AMPS	12.0	12.2	12.6	-	12.9	13.2	13.6	-	14.0	14.3	14.7	-	14.9	15.2	15.7	-	15.8	16.2	16.7	-	16.7	17.1	17.7	-
		HI PR	143	154	163	-	161	173	183	-	183	197	208	-	208	224	237	-	234	252	266	-	259	279	294	-
		LO PR	60	64	70	-	64	68	74	-	66	70	77	-	70	74	81	-	73	78	85	-	75	80	88	-
	1400	MBh	40.8	42.3	46.4	-	39.9	41.3	45.3	-	38.9	40.4	44.2	-	38.0	39.4	43.1	-	36.1	37.4	41.0	-	33.4	34.6	38.0	-
		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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	3.34	3.41	3.51	-	3.59	3.66	3.77	-	3.80	3.88	4.00	-	3.99	4.08	4.20	-	4.15	4.24	4.38	-	4.29	4.38	4.53	-
		AMPS	11.7	11.9	12.3	-	12.5	12.8	13.2	-	13.6	13.9	14.3	-	14.5	14.8	15.3	-	15.4	15.7	16.2	-	16.3	16.6	17.2	-
		HI PR	139	150	158	-	156	168	177	-	178	191	202	-	202	218	230	-	227	245	258	-	251	270	286	-
		LO PR	58	62	68	-	62	66	72	-	64	68	75	-	67	72	78	-	71	75	82	-	73	78	85	-
75	1800	MBh	46.34	47.71	51.64	55.43	45.26	46.60	50.44	54.14	44.18	45.49	49.24	52.85	43.11	**44.38**	48.04	51.56	40.95	42.16	45.64	48.98	37.93	39.06	42.27	45.37
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	**0.81**	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	**18**	15	10	20	18	15	10	18	17	14	10
		KW	3.47	3.55	3.65	3.77	3.73	3.81	3.93	4.05	3.96	4.04	4.17	4.30	4.16	**4.24**	4.38	4.52	4.33	4.42	4.56	4.71	4.47	4.57	4.72	4.87
		AMPS	12.2	12.4	12.8	13.3	13.1	13.4	13.8	14.3	14.2	14.5	15.0	15.5	15.1	**15.5**	16.0	16.6	16.1	16.5	17.0	17.6	17.0	17.4	18.0	18.7
		HI PR	146	157	166	173	164	177	187	195	187	201	212	221	213	**229**	242	252	239	257	272	284	264	284	300	313
		LO PR	62	65	71	76	65	69	75	80	68	72	78	84	71	**75**	82	88	74	79	86	92	77	82	89	95
	1600	MBh	45.0	46.3	50.1	53.8	43.9	45.2	49.0	52.6	42.9	44.2	47.8	51.3	41.9	**43.1**	46.6	50.1	39.8	40.9	44.3	47.6	36.8	37.9	41.0	44.0
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	**0.77**	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	15	11	19	18	14	10
		KW	3.45	3.52	3.62	3.74	3.70	3.78	3.89	4.02	3.93	4.01	4.13	4.27	4.12	**4.21**	4.34	4.49	4.29	4.38	4.52	4.67	4.44	4.53	4.68	4.83
		AMPS	12.1	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.4	15.0	**15.4**	15.9	16.4	15.9	16.3	16.8	17.5	16.9	17.3	17.8	18.5
		HI PR	145	156	165	172	163	175	185	193	185	199	210	219	211	**227**	239	250	237	255	269	281	262	282	297	310
		LO PR	61	65	71	75	64	68	75	80	67	71	78	83	70	**75**	82	87	74	78	85	91	76	81	88	94
	1400	MBh	41.5	42.8	46.3	49.7	40.6	41.8	45.2	48.5	39.6	40.8	44.1	47.4	38.6	**39.8**	43.0	46.2	36.7	37.8	40.9	43.9	34.0	35.0	37.9	40.7
		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	**0.75**	0.56	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	**19**	16	11	21	19	16	11	19	18	15	10
		KW	3.37	3.44	3.54	3.65	3.62	3.69	3.80	3.92	3.83	3.91	4.03	4.16	4.02	**4.11**	4.24	4.38	4.19	4.28	4.41	4.56	4.33	4.42	4.56	4.71
		AMPS	11.8	12.0	12.4	12.8	12.7	13.0	13.4	13.8	13.7	14.0	14.5	15.0	14.6	**15.0**	15.4	16.0	15.5	15.9	16.4	17.0	16.4	16.8	17.3	18.0
		HI PR	141	151	160	167	158	170	179	187	179	193	204	213	204	**220**	232	242	230	247	261	272	254	273	289	301
		LO PR	59	63	69	73	62	66	72	77	65	69	75	80	68	**72**	79	84	71	76	83	88	74	79	86	91

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

EXPANDED PERFORMANCE DATA

MODEL: RHA48B3* / CHA54TCC/ BBA60A2A **COOLING OPERATION**

COOLING PERFORMANCE DATA

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
80	1800	MBh	47.16	48.19	51.49	55.04	46.07	47.07	50.29	53.76	44.97	45.95	49.09	52.48	43.87	44.83	47.90	51.20	41.68	42.59	45.50	48.64	38.61	39.45	42.15	45.06
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.79	0.59
		ΔT	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	21	21	18	15	20	20	17	14
		KW	3.50	3.57	3.68	3.79	3.76	3.84	3.96	4.08	3.99	4.07	4.20	4.34	4.19	4.28	4.42	4.56	4.36	4.46	4.60	4.75	4.51	4.61	4.76	4.91
		AMPS	12.3	12.6	13.0	13.4	13.2	13.5	14.0	14.5	14.3	14.7	15.1	15.7	15.3	15.6	16.1	16.7	16.2	16.6	17.2	17.8	17.2	17.6	18.2	18.8
		HI PR	148	159	168	175	166	178	188	197	189	203	214	224	215	231	244	255	242	260	275	286	267	287	303	316
		LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96
	1600	MBh	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.7	44.6	47.7	51.0	42.6	43.5	**46.5**	49.7	40.5	41.3	44.2	47.2	37.5	38.3	40.9	43.7
		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	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	**19**	15	23	22	19	15	21	20	18	14
		KW	3.47	3.55	3.65	3.77	3.73	3.81	3.93	4.05	3.96	4.04	4.17	4.30	4.16	4.25	**4.38**	4.52	4.33	4.42	4.56	4.71	4.47	4.57	4.72	4.87
		AMPS	12.2	12.4	12.8	13.3	13.1	13.4	13.8	14.3	14.2	14.5	15.0	15.5	15.1	15.5	**16.0**	16.6	16.1	16.5	17.0	17.6	17.0	17.4	18.0	18.7
		HI PR	146	157	166	173	164	177	187	195	187	201	212	221	213	229	**242**	252	239	258	272	284	264	285	300	313
		LO PR	62	65	71	76	65	69	75	80	68	72	78	84	71	75	**82**	88	74	79	86	92	77	82	89	95
	1400	MBh	42.3	43.2	46.1	49.3	41.3	42.2	45.1	48.2	40.3	41.2	44.0	47.0	39.3	40.2	42.9	45.9	37.3	38.2	40.8	43.6	34.6	35.4	37.8	40.4
		S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55
		ΔT	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	23	22	19	16	22	21	18	14
		KW	3.40	3.46	3.57	3.68	3.64	3.72	3.83	3.95	3.86	3.94	4.07	4.20	4.06	4.14	4.27	4.41	4.22	4.31	4.45	4.59	4.36	4.46	4.60	4.75
		AMPS	11.9	12.1	12.5	12.9	12.8	13.1	13.5	14.0	13.8	14.1	14.6	15.1	14.7	15.1	15.6	16.1	15.7	16.0	16.5	17.2	16.6	16.9	17.5	18.1
		HI PR	142	153	161	168	159	171	181	189	181	195	206	215	206	222	234	245	232	250	264	275	256	276	291	304
		LO PR	60	63	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
85	1800	MBh	47.99	48.91	51.23	54.65	46.87	47.78	50.04	53.38	45.75	46.64	48.85	52.11	44.64	45.50	47.66	50.84	42.41	43.23	45.27	48.30	39.28	40.04	41.94	44.74
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	23	23	22	19	24	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	20	20	20	18
		KW	3.53	3.60	3.71	3.82	3.79	3.87	3.99	4.11	4.02	4.10	4.23	4.37	4.22	4.31	4.45	4.60	4.40	4.49	4.64	4.79	4.55	4.64	4.80	4.95
		AMPS	12.4	12.7	13.1	13.5	13.3	13.7	14.1	14.6	14.5	14.8	15.3	15.8	15.4	15.8	16.3	16.9	16.4	16.8	17.3	17.9	17.3	17.7	18.3	19.0
		HI PR	149	161	170	177	168	180	190	199	191	205	216	226	217	233	247	257	244	263	277	289	270	290	306	320
		LO PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	78	83	91	97
	1600	MBh	46.6	47.5	49.7	53.1	45.5	46.4	48.6	51.8	44.4	45.3	47.4	50.6	43.3	44.2	46.3	49.4	41.2	42.0	44.0	46.9	38.1	38.9	40.7	43.4
		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	0.74
		ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
		KW	3.50	3.57	3.68	3.79	3.76	3.84	3.96	4.08	3.99	4.07	4.20	4.34	4.19	4.28	4.42	4.56	4.36	4.46	4.60	4.75	4.51	4.61	4.76	4.91
		AMPS	12.3	12.6	13.0	13.4	13.2	13.5	14.0	14.5	14.3	14.7	15.1	15.7	15.3	15.6	16.1	16.7	16.2	16.6	17.2	17.8	17.2	17.6	18.2	18.8
		HI PR	148	159	168	175	166	178	188	197	189	203	214	224	215	231	244	255	242	260	275	286	267	287	303	316
		LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96
	1400	MBh	43.0	43.8	45.9	49.0	42.0	42.8	44.8	47.8	41.0	41.8	43.8	46.7	40.0	40.8	42.7	45.6	38.0	38.7	40.6	43.3	35.2	35.9	37.6	40.1
		S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.83	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	25	24	23	20	23	23	22	19
		KW	3.42	3.49	3.60	3.71	3.67	3.75	3.86	3.98	3.89	3.98	4.10	4.23	4.09	4.18	4.31	4.45	4.26	4.35	4.49	4.63	4.40	4.49	4.64	4.79
		AMPS	12.0	12.2	12.6	13.1	12.9	13.2	13.6	14.1	13.9	14.3	14.7	15.3	14.9	15.2	15.7	16.3	15.8	16.2	16.7	17.3	16.7	17.1	17.7	18.3
		HI PR	143	154	163	170	161	173	183	191	183	197	208	217	208	224	237	247	234	252	266	278	259	279	294	307
		LO PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	77	85	90	75	80	88	93

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

Expanded Performance Multipliers

RHA48B3*

Cooling *Multipliers for Mix Matched Indoor Coils*

Indoor Coil	Blower	Cap	Power
CHA42T*C		0.98	0.99
CCA48F*C+TXV03A		0.98	0.99
CHA54T*C		1.01	1.02
CCA57F*C+TXV03A		1.01	1.02
CHA57T*C		1.02	1.02
CCA60F*C+TXV03A		1.02	1.02
CCH48FCD+TXV03A		1.00	1.02
CHH48TCD		1.00	1.02
CCH60FCD+TXV03A		1.03	1.03
CHH60TCD		1.03	1.03
CHF42TCC		0.95	0.98
CCF48FCC+TXV03A		0.95	0.98
CCF48FDC+TXV03A		0.97	0.99
CHF48TCC		0.98	1.01
CCF60FCC+TXVO3A		0.98	1.01
CHA42TCC	BBA48A2A	0.98	0.98
CCA48FCC+TXV03A	BBA48A2A	0.98	0.98
CHA54TCC	BBA60A2A	1.01	1.01
CCA57FCC+TXV03A	BBA60A2A	1.01	1.01

Indoor Coil	Blower	Cap	Power
CHA57TCC		1.02	1.01
CCA60FCC+TXV03A		1.02	0.92
CHF42TCC		0.95	0.97
CCF48FCC+TXV03A		0.95	1.01
CCF48FDC+TXV03A	BBA60A2A	0.97	0.99
CHF48TCC	BBA60A2A	0.98	1.00
CCF60FCC+TXVO3A	BBA60A2A	0.98	1.00
CHA42T*C	BBC48A2A	0.99	1.00
CCA48F*C+TXV03A	BBC48A2A	1.00	1.00
CHA54T*C	BBC60A2A	1.03	0.96
CCA57F*C+TXV03A	BBC60A2A	1.03	0.96
CHA57T*C	BBC60A2A	1.03	0.96
CCA60F*C+TXV03A	BBC60A2A	1.03	0.96
CHF42TCC	BBC48A2A	0.96	0.99
CCF48FCC+TXV03A	BBC48A2A	0.96	1.03
CCF48FDC+TXV03A	BBC60A2A	0.99	0.95
CHF48TCC	BBC60A2A	1.00	0.95
CCF60FCC+TXVO3A	BBC60A2A	1.00	0.95

Indoor coil cooling capacity (or power) = multiplier X HSV coil cooling capacity (or power) at ARI conditions.

Heating *Multipliers for Mix Matched Indoor Coils*

Indoor Coil	Blower	Cap	Power
CHA42T*C		0.99	1.02
CCA48F*C+TXV03A		0.99	1.02
CHA54T*C		1.00	1.00
CCA57F*C+TXV03A		1.00	1.00
CHA57T*C		1.00	0.99
CCA60F*C+TXV03A		1.00	0.99
CCH48FCD+TXV03A		1.01	0.99
CHH48TCD		1.01	0.99
CCH60FCD+TXV03A		1.01	0.98
CHH60TCD		1.01	0.98
CHF42TCC		0.98	1.06
CCF48FCC+TXV03A		0.98	1.06
CCF48FDC+TXV03A		0.98	1.04
CHF48TCC		1.00	1.02
CCF60FCC+TXVO3A		1.00	1.02
CHA42TCC		0.99	1.02
CCA48FCC+TXV03A		0.99	1.02
CHA54TCC		1.00	1.01
CCA57FCC+TXV03A		1.00	1.01

Indoor Coil	Blower	Cap	Power
CHA57TCC	BBA60A2A	1.00	1.00
CCA60FCC+TXV03A	BBA60A2A	1.00	1.00
CHF42TCC	BBA48A2A	0.97	1.07
CCF48FCC+TXV03A	BBA48A2A	0.97	1.07
CCF48FDC+TXV03A	BBA60A2A	0.99	1.05
CHF48TCC	BBA60A2A	1.00	1.03
CCF60FCC+TXVO3A	BBA60A2A	1.00	1.03
CHA42T*C	BBC48A2A	1.00	1.02
CCA48F*C+TXV03A	BBC48A2A	1.00	1.02
CHA54T*C	BBC60A2A	0.99	0.96
CCA57F*C+TXV03A	BBC60A2A	0.99	0.96
CHA57T*C	BBC60A2A	0.99	0.95
CCA60F*C+TXV03A	BBC60A2A	0.99	0.95
CHF42TCC	BBC48A2A	0.98	1.06
CCF48FCC+TXV03A	BBC48A2A	0.98	1.06
CCF48FDC+TXV03A	BBC60A2A	0.98	0.99
CHF48TCC	BBC60A2A	0.98	0.97
CCF60FCC+TXVO3A	BBC60A2A	0.98	0.97

Indoor coil heating capacity (or power) = multiplier X HSV coil heating capacity (or power) at 47 °F.

EXPANDED PERFORMANCE DATA

MODEL: RHA60B3* / CHA57TCC/ BBA60A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
70	2250	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-
		ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	13	10	-
		KW	4.48	4.57	4.70	-	4.80	4.90	5.05	-	5.09	5.19	5.36	-	5.34	5.45	5.62	-	5.56	5.67	5.85	-	5.74	5.86	6.05	-
		AMPS	12.0	12.3	12.7	-	13.0	13.3	13.7	-	14.1	14.4	14.9	-	15.0	15.4	15.9	-	16.0	16.4	16.9	-	16.9	17.4	17.9	-
		HI PR	157	169	178	-	176	190	200	-	200	216	228	-	228	246	259	-	257	276	292	-	284	305	322	-
		LO PR	60	64	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	80	87	-
	1900	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	4.45	4.53	4.67	-	4.77	4.86	5.01	-	5.05	5.15	5.31	-	5.30	5.41	5.58	-	5.51	5.63	5.81	-	5.70	5.82	6.00	-
		AMPS	11.9	12.2	12.6	-	12.9	13.2	13.6	-	14.0	14.3	14.8	-	14.9	15.3	15.8	-	15.9	16.2	16.8	-	16.8	17.2	17.8	-
		HI PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	274	289	-	281	302	319	-
		LO PR	59	63	69	-	63	67	73	-	65	69	75	-	68	73	79	-	72	76	83	-	74	79	86	-
	1750	MBh	53.4	55.4	60.7	-	52.2	54.1	59.2	-	50.9	52.8	57.8	-	49.7	51.5	56.4	-	47.2	48.9	53.6	-	43.7	45.3	49.7	-
		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	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	4.39	4.48	4.61	-	4.71	4.80	4.95	-	4.98	5.09	5.24	-	5.23	5.34	5.50	-	5.44	5.55	5.73	-	5.62	5.74	5.92	-
		AMPS	11.7	12.0	12.4	-	12.7	13.0	13.4	-	13.7	14.1	14.5	-	14.7	15.0	15.5	-	15.6	16.0	16.5	-	16.5	16.9	17.5	-
		HI PR	153	164	174	-	171	185	195	-	195	210	222	-	222	239	252	-	250	269	284	-	276	297	314	-
		LO PR	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	84	-
75	2250	MBh	56.80	58.48	63.30	67.94	55.48	57.12	61.83	66.36	54.16	55.76	60.36	64.78	52.84	**54.40**	58.89	63.20	50.20	51.68	55.94	60.04	46.50	47.87	51.82	55.62
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.78	0.59	0.38	0.91	**0.81**	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	19	18	14	10	19	18	15	10	19	18	15	10	20	**18**	15	10	19	18	15	10	18	17	14	9
		KW	4.51	4.60	4.74	4.88	4.84	4.94	5.09	5.25	5.13	5.24	5.40	5.57	5.38	**5.50**	5.67	5.85	5.60	5.72	5.90	6.09	5.79	5.91	6.10	6.30
		AMPS	12.1	12.4	12.8	13.3	13.1	13.4	13.8	14.4	14.2	14.6	15.0	15.6	15.2	**15.6**	16.1	16.7	16.2	16.5	17.1	17.7	17.1	17.5	18.1	18.8
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	**248**	262	273	259	279	295	307	287	308	326	340
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	**74**	81	86	73	78	85	90	75	80	88	93
	1900	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	**52.8**	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		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
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	**20**	16	11	21	19	16	11	20	18	15	10
		KW	4.48	4.57	4.71	4.85	4.80	4.90	5.05	5.21	5.09	5.20	5.36	5.53	5.34	**5.45**	5.63	5.81	5.56	5.68	5.85	6.04	5.74	5.87	6.05	6.25
		AMPS	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.4	14.9	15.5	15.0	**15.4**	15.9	16.5	16.0	16.4	16.9	17.6	17.0	17.4	17.9	18.6
		HI PR	157	169	178	186	176	190	200	209	200	216	228	238	228	**246**	259	271	257	276	292	304	284	305	322	336
		LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	**73**	80	85	72	77	84	89	75	80	87	92
	1750	MBh	54.3	55.9	60.5	65.0	53.1	54.6	59.1	63.5	51.8	53.3	57.7	62.0	50.5	**52.0**	56.3	60.4	48.0	49.4	53.5	57.4	44.5	45.8	49.6	53.2
		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
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	**20**	17	12	22	20	16	11	20	19	15	11
		KW	4.42	4.51	4.64	4.78	4.74	4.84	4.98	5.14	5.02	5.13	5.28	5.45	5.27	**5.38**	5.55	5.73	5.48	5.60	5.77	5.96	5.66	5.78	5.97	6.16
		AMPS	11.8	12.1	12.5	13.0	12.8	13.1	13.5	14.0	13.9	14.2	14.7	15.2	14.8	**15.2**	15.7	16.3	15.8	16.1	16.7	17.3	16.7	17.1	17.7	18.3
		HI PR	154	166	175	183	173	186	197	205	197	212	224	233	224	**241**	255	266	252	272	287	299	279	300	317	331
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	**72**	79	84	71	76	83	88	73	78	85	91

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

EXPANDED PERFORMANCE DATA

MODEL: RHA60B3* / CHA57TCC/ BBA60A2A **COOLING OPERATION**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
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
80	2250	MBh	57.81	59.07	63.11	67.47	56.47	57.70	61.65	65.90	55.12	56.33	60.18	64.33	53.78	54.95	58.71	62.76	51.09	52.20	55.77	59.62	47.32	48.36	51.66	55.23
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.79	0.59
		ΔT	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	15	21	21	18	14	19	20	17	13
		KW	4.55	4.64	4.78	4.92	4.88	4.98	5.13	5.29	5.17	5.28	5.44	5.61	5.43	5.54	5.72	5.90	5.65	5.77	5.95	6.14	5.84	5.96	6.15	6.35
		AMPS	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.3	14.7	15.2	15.7	15.3	15.7	16.2	16.8	16.3	16.7	17.3	17.9	17.3	17.7	18.3	19.0
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	251	265	276	262	282	298	310	289	311	329	343
		LO PR	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94
	1900	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	**57.0**	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		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
		ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	**20**	16	24	23	20	16	22	21	18	15
		KW	4.51	4.60	4.74	4.89	4.84	4.94	5.09	5.25	5.13	5.24	5.40	5.57	5.39	5.50	**5.67**	5.85	5.60	5.72	5.90	6.09	5.79	5.91	6.10	6.30
		AMPS	12.1	12.4	12.8	13.3	13.1	13.4	13.8	14.4	14.2	14.6	15.0	15.6	15.2	15.6	**16.1**	16.7	16.2	16.5	17.1	17.7	17.1	17.5	18.1	18.8
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	248	**262**	273	259	279	295	307	287	308	326	340
		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	93
	1750	MBh	55.3	56.5	60.4	64.5	54.0	55.2	59.0	63.0	52.7	53.9	57.5	61.5	51.4	52.6	56.1	60.0	48.9	49.9	53.3	57.0	45.3	46.2	49.4	52.8
		S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.88	0.83	0.68	0.50	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55
		ΔT	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	24	23	20	16	23	22	19	15
		KW	4.46	4.55	4.68	4.82	4.78	4.88	5.02	5.18	5.06	5.17	5.33	5.49	5.31	5.42	5.59	5.77	5.53	5.64	5.82	6.01	5.71	5.83	6.02	6.21
		AMPS	11.9	12.2	12.6	13.1	12.9	13.2	13.6	14.1	14.0	14.3	14.8	15.4	15.0	15.3	15.8	16.4	15.9	16.3	16.8	17.5	16.8	17.3	17.8	18.5
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	258	269	255	274	290	302	282	303	320	334
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92
85	2250	MBh	58.82	59.96	62.80	67.00	57.45	58.57	61.34	65.44	56.09	57.17	59.88	63.88	54.72	55.78	58.42	62.32	51.98	52.99	55.50	59.21	48.15	49.08	51.41	54.84
		S/T	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	23	22	21	18	23	23	21	19	23	23	21	19	22	23	22	19	21	22	21	18	20	20	20	17
		KW	4.58	4.67	4.81	4.96	4.92	5.02	5.17	5.33	5.21	5.32	5.48	5.66	5.47	5.59	5.76	5.95	5.69	5.81	6.00	6.19	5.88	6.01	6.20	6.40
		AMPS	12.3	12.6	13.0	13.5	13.3	13.7	14.1	14.6	14.5	14.8	15.3	15.9	15.5	15.8	16.4	17.0	16.5	16.9	17.4	18.1	17.4	17.9	18.5	19.2
		HI PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	346
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	74	79	86	92	77	82	89	95
	1900	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		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
		ΔT	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	24	25	23	20	23	23	22	19
		KW	4.55	4.64	4.78	4.92	4.88	4.98	5.13	5.29	5.17	5.28	5.44	5.61	5.43	5.54	5.72	5.90	5.65	5.77	5.95	6.14	5.84	5.96	6.15	6.35
		AMPS	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.3	14.7	15.2	15.7	15.3	15.7	16.2	16.8	16.3	16.7	17.3	17.9	17.3	17.7	18.3	19.0
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	251	265	276	262	282	298	310	289	311	329	343
		LO PR	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94
	1750	MBh	56.3	57.3	60.1	64.1	54.9	56.0	58.7	62.6	53.6	54.7	57.3	61.1	52.3	53.3	55.9	59.6	49.7	50.7	53.1	56.6	46.0	46.9	49.2	52.4
		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
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	24	23	20
		KW	4.49	4.58	4.72	4.86	4.81	4.91	5.06	5.22	5.10	5.21	5.37	5.54	5.35	5.47	5.64	5.82	5.57	5.69	5.87	6.06	5.76	5.88	6.07	6.26
		AMPS	12.1	12.3	12.7	13.2	13.0	13.3	13.8	14.3	14.1	14.5	14.9	15.5	15.1	15.5	16.0	16.6	16.0	16.4	17.0	17.6	17.0	17.4	18.0	18.7
		HI PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	258	277	293	305	285	306	323	337
		LO PR	60	64	70	74	63	67	74	78	66	70	76	81	69	74	80	86	72	77	84	90	75	80	87	93

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature KW=Total system power AMPS=outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

Expanded Performance Multipliers
RHA60B3*

Cooling *Multipliers for Mix Matched Indoor Coils*

Indoor Coil	Blower	Cap	Power
CHA54T*C		1.00	1.00
CCA57F*C+TXV03A		1.00	1.00
CHA57T*C		1.02	1.01
CCA60F*C+TXV03A		1.02	1.01
CHA60T*C		1.01	1.01
CCH48FCD+TXV03A		1.02	1.01
CHH48TCD		1.02	1.01
CCH60FCD+TXV03A		1.04	1.02
CHH60TCD		1.04	1.02
CCF60FCC+TXV03A		0.96	0.99
CHA54TCC		1.00	1.03
CCA57FCC+TXV03A		1.00	1.03

Indoor Coil	Blower	Cap	Power
CHA57TCC		1.01	1.02
CCA60FCC+TXV03A		1.01	1.02
CHA60TCC		1.02	1.03
CCF60FCC+TXV03A	BBA60A2A	0.96	1.01
CHA54TCC	BBC60A2A	1.01	0.98
CCA57FCC+TXV03A	BBC60A2A	1.01	0.98
CHA57TCC	BBC60A2A	1.02	0.98
CCA60FCC+TXV03A	BBC60A2A	1.02	0.98
CHA60TCC	BBC60A2A	1.03	0.98
CCF60FCC+TXV03A	BBC60A2A	0.98	0.96

Indoor coil cooling capacity (or power) = multiplier X HSV coil cooling capacity (or power) at ARI conditions.

Heating *Multipliers for Mix Matched Indoor Coils*

Indoor Coil	Blower	Cap	Power
CHA54T*C		0.99	1.00
CCA57F*C+TXV03A		0.99	1.00
CHA57T*C		0.99	0.99
CCA60F*C+TXV03A		0.99	0.99
CHA60T*C		1.01	0.98
CCH48FCD+TXV03A		0.99	0.98
CHH48TCD		0.99	0.99
CCH60FCD+TXV03A		1.00	0.97
CHH60TCD		1.00	1.17
CCF60FCC+TXV03A		0.98	1.03
CHA54TCC	BBA60A2A	0.99	1.01
CCA57FCC+TXV03A	BBA60A2A	0.99	1.01

Indoor Coil	Blower	Cap	Power
CHA57TCC	BBA60A2A	1.00	1.00
CCA60FCC+TXV03A	BBA60A2A	1.00	1.00
CHA60TCC	BBA60A2A	1.00	0.99
CCF60FCC+TXV03A	BBA60A2A	0.99	1.04
CHA54TCC	BBC60A2A	0.98	0.96
CCA57FCC+TXV03A	BBC60A2A	0.98	0.96
CHA57TCC	BBC60A2A	0.98	0.95
CCA60FCC+TXV03A	BBC60A2A	0.98	0.95
CHA60TCC	BBC60A2A	0.99	0.93
CCF60FCC+TXV03A	BBC60A2A	0.97	0.99

Indoor coil heating capacity (or power) = multiplier X HSV coil heating capacity (or power) at 47 °F.

EXPANDED PERFORMANCE DATA

MODEL: RHA18B2*/ CCA24FCC / BBA24A2A **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	22.2	21.1	19.8	18.5	17.7	17.2	15.9	14.7	12.1	11.2	10.3	9.7	9.3	8.4	7.4	6.5	5.5	4.5
ΔT	34.3	32.5	30.6	28.6	27.3	26.5	24.6	22.7	18.6	17.2	15.8	15.0	14.4	12.9	11.5	10.0	8.5	7.0
KW	1.80	1.76	1.73	1.69	1.67	1.66	1.62	1.59	1.54	1.51	1.47	1.45	1.44	1.40	1.37	1.33	1.30	1.26
AMPS	8.5	7.9	7.4	7.0	6.7	6.6	6.2	5.9	5.7	5.4	5.2	5.1	5.0	4.7	4.4	4.2	3.9	3.5
COP	3.62	3.49	3.36	3.20	3.10	3.03	2.87	2.71	2.29	2.16	2.04	1.95	1.90	1.75	1.59	1.42	1.25	1.05
EER	12.4	11.9	11.5	10.9	10.6	10.4	9.8	9.3	7.8	7.4	7.0	6.7	6.5	6.0	5.4	4.9	4.3	3.6
HI PR	241	231	222	212	207	203	195	187	180	171	165	161	158	152	146	140	135	130
LO PR	73	68	64	58	55	53	49	43	39	35	31	29	28	23	20	17	15	12

MODEL: RHA24B2* / CCA24FCC/ BBA24A2A **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	28.2	26.7	25.1	23.5	22.4	21.7	20.2	18.6	15.1	13.9	12.8	12.1	11.7	10.5	9.3	8.1	6.9	5.7
ΔT	32.6	30.9	29.0	27.1	25.9	25.1	23.3	21.5	17.5	16.1	14.9	14.0	13.5	12.1	10.7	9.4	8.0	6.6
KW	2.27	2.22	2.18	2.13	2.11	2.09	2.05	2.00	1.93	1.89	1.85	1.82	1.80	1.76	1.71	1.67	1.63	1.58
AMPS	10.7	9.9	9.3	8.7	8.4	8.2	7.8	7.4	7.0	6.7	6.4	6.2	6.2	5.8	5.5	5.1	4.7	4.3
COP	3.63	3.51	3.37	3.22	3.11	3.04	2.88	2.72	2.28	2.16	2.03	1.95	1.90	1.74	1.59	1.42	1.24	1.05
EER	12.4	12.0	11.5	11.0	10.6	10.4	9.9	9.3	7.8	7.4	7.0	6.7	6.5	6.0	5.4	4.8	4.2	3.6
HI PR	254	244	235	224	219	215	207	198	190	181	174	170	167	161	154	148	143	138
LO PR	76	70	66	60	57	55	50	45	41	36	32	30	29	24	21	18	15	12

MODEL: RHA30B2* / CCA36FCC / BBA36A2A **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	34.7	32.8	30.9	28.9	**27.6**	26.7	24.8	22.9	21.6	19.9	18.3	17.3	16.7	14.9	13.3	11.6	9.9	8.1
ΔT	32.1	30.4	28.6	26.8	25.6	24.8	23.0	21.2	20.0	18.4	17.0	16.0	15.4	13.8	12.3	10.7	9.1	7.5
KW	2.70	2.65	2.60	2.54	**2.52**	2.49	2.44	2.39	2.48	2.42	2.37	2.34	2.32	2.26	2.21	2.15	2.10	2.04
AMPS	12.7	11.7	11.0	10.4	10.0	9.8	9.3	8.8	8.4	8.1	7.7	7.5	7.4	7.1	6.6	6.2	5.8	5.2
COP	3.76	3.63	3.48	3.32	3.21	3.14	2.97	2.80	2.55	2.40	2.26	2.17	2.11	1.94	1.76	1.57	1.38	1.16
EER	12.9	12.4	11.9	11.4	11.0	10.7	10.2	9.6	8.7	8.2	7.7	7.4	7.2	6.6	6.0	5.4	4.7	4.0
HI PR	245	235	226	216	211	207	199	191	183	174	168	164	161	154	149	142	137	133
LO PR	75	69	65	60	56	54	50	44	40	36	31	29	28	24	21	17	15	12

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

Note: Refer to Cooling Performance Data section for multipliers.

EXPANDED PERFORMANCE DATA

MODEL: RHA36B2*/ CCA42FCC/ BBA36A2A — **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	43.7	41.4	39.0	36.4	**34.8**	33.7	31.3	28.9	27.2	25.1	23.1	21.8	21.0	18.8	16.7	14.6	12.4	10.2
ΔT	33.8	32.0	30.1	28.1	26.9	26.0	24.2	22.3	21.0	19.3	17.8	16.8	16.2	14.5	12.9	11.2	9.6	7.9
KW	3.58	3.51	3.44	3.37	**3.33**	3.30	3.23	3.16	3.02	2.95	2.89	2.85	2.82	2.76	2.69	2.62	2.56	2.49
AMPS	17.1	15.8	14.8	13.9	13.4	13.2	12.4	11.8	11.3	10.8	10.3	10.1	9.9	9.5	8.8	8.3	7.7	7.0
COP	3.58	3.46	3.32	3.17	3.06	2.99	2.83	2.67	2.63	2.48	2.34	2.24	2.18	2.00	1.82	1.62	1.42	1.20
EER	12.2	11.8	11.3	10.8	10.5	10.2	9.7	9.1	9.0	8.5	8.0	7.7	7.4	6.8	6.2	5.5	4.9	4.1
HI PR	277	266	255	244	239	234	225	216	207	197	190	185	182	175	168	161	156	150
LO PR	74	69	64	59	56	54	49	44	40	35	31	29	28	24	20	17	15	12

MODEL: RHA42B2*/ CCA48FCC/ BBA48A2A — **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	50.3	47.6	44.8	41.9	**40.0**	38.8	36.0	33.2	31.2	28.8	26.5	25.0	24.1	21.6	19.2	16.7	14.3	11.7
ΔT	33.3	31.5	29.6	27.7	26.5	25.6	23.8	22.0	20.6	19.0	17.5	16.5	15.9	14.3	12.7	11.0	9.4	7.7
KW	4.06	3.98	3.90	3.83	**3.78**	3.75	3.67	3.59	3.50	3.42	3.35	3.30	3.27	3.19	3.12	3.04	2.96	2.89
AMPS	20.1	18.6	17.4	16.4	15.8	15.5	14.6	13.8	13.3	12.7	12.1	11.8	11.6	11.0	10.3	9.7	9.0	8.1
COP	3.62	3.50	3.36	3.20	3.10	3.03	2.87	2.70	2.60	2.46	2.31	2.22	2.15	1.98	1.80	1.61	1.41	1.18
EER	12.4	12.0	11.5	10.9	10.6	10.3	9.8	9.2	8.9	8.4	7.9	7.6	7.4	6.8	6.1	5.5	4.8	4.0
HI PR	266	255	246	235	229	225	216	208	199	190	182	178	175	168	162	155	150	144
LO PR	72	67	63	57	54	52	48	43	39	34	30	28	27	23	20	17	15	11

MODEL: RHA48B2* / CCA57FCC/ BBA60A2A — **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	58.5	55.3	52.1	48.7	**46.5**	45.1	41.9	38.6	37.4	34.5	31.8	30.0	28.9	25.9	23.0	20.0	17.1	14.0
ΔT	33.8	32.0	30.1	28.2	26.9	26.1	24.2	22.3	21.6	20.0	18.4	17.4	16.7	15.0	13.3	11.6	9.9	8.1
KW	4.60	4.51	4.42	4.33	**4.28**	4.24	4.15	4.06	3.82	3.74	3.65	3.60	3.57	3.48	3.40	3.32	3.23	3.15
AMPS	24.9	23.0	21.5	20.2	19.5	19.1	18.0	17.1	16.3	15.6	14.8	14.5	14.3	13.5	12.6	11.8	10.9	9.8
COP	3.72	3.59	3.45	3.29	3.18	3.11	2.95	2.78	2.86	2.70	2.55	2.44	2.37	2.18	1.98	1.77	1.55	1.30
EER	12.7	12.3	11.8	11.2	10.9	10.6	10.1	9.5	9.8	9.2	8.7	8.3	8.1	7.4	6.8	6.0	5.3	4.4
HI PR	278	266	256	245	239	235	226	216	207	198	190	186	182	175	169	162	156	150
LO PR	71	66	62	57	54	52	48	42	38	34	30	28	27	23	20	17	14	11

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

Note: Refer to Cooling Performance Data section for multipliers.

EXPANDED PERFORMANCE DATA

MODEL: RHA60B2* / CCA60FCC/ BBA60A2A — **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	70.4	66.6	62.7	58.6	**56.0**	54.3	50.4	46.5	42.6	39.3	36.2	34.2	32.9	29.5	26.2	22.8	19.5	16.0
ΔT	34.3	32.5	30.6	28.6	27.3	26.4	24.6	22.7	20.8	19.2	17.7	16.7	16.1	14.4	12.8	11.1	9.5	7.8
KW	5.69	5.58	5.46	5.35	**5.29**	5.24	5.14	5.03	4.77	4.66	4.55	4.49	4.45	4.34	4.24	4.14	4.03	3.93
AMPS	17.1	15.9	14.9	14.0	13.5	13.2	12.5	11.9	11.4	10.9	10.4	10.1	10.0	9.5	8.9	8.3	7.7	7.0
COP	3.62	3.50	3.36	3.20	3.10	3.03	2.87	2.71	2.62	2.47	2.33	2.23	2.17	1.99	1.81	1.62	1.42	1.19
EER	12.4	12.0	11.5	11.0	10.6	10.3	9.8	9.2	8.9	8.4	8.0	7.6	7.4	6.8	6.2	5.5	4.8	4.1
HI PR	273	261	251	240	235	230	221	212	203	194	187	182	179	172	165	159	153	148
LO PR	71	66	62	57	54	52	48	42	38	34	30	28	27	23	20	17	14	11

MODEL: RHA48B3* / CHA54TCC/ BBA60A2A — **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	58.5	55.3	52.1	48.7	**46.5**	45.1	41.9	38.6	37.4	34.5	31.8	30.0	28.9	25.9	23.0	20.0	17.1	14.0
ΔT	33.8	32.0	30.1	28.2	26.9	26.1	24.2	22.3	21.6	20.0	18.4	17.4	16.7	15.0	13.3	11.6	9.9	8.1
KW	4.50	4.41	4.33	4.24	**4.2**	4.15	4.07	3.98	3.73	3.64	3.56	3.52	3.48	3.40	3.32	3.24	3.16	3.08
AMPS	19.0	17.6	16.5	15.5	15.0	14.7	13.9	13.2	12.7	12.1	11.6	11.3	11.2	10.6	9.9	9.4	8.7	7.9
COP	3.80	3.67	3.52	3.36	3.25	3.18	3.01	2.84	2.93	2.77	2.61	2.50	2.43	2.23	2.03	1.81	1.59	1.33
EER	13.0	12.5	12.0	11.5	11.1	10.9	10.3	9.7	10.0	9.5	8.9	8.5	8.3	7.6	6.9	6.2	5.4	4.6
HI PR	278	266	256	245	239	235	226	216	207	198	190	186	182	175	169	162	156	150
LO PR	71	66	62	57	54	52	48	42	38	34	30	28	27	23	20	17	14	11

MODEL: RHA60B3* / CHA57TCC/ BBA60A2A — **HEATING OPERATION**

	Outdoor Ambient Temperature																	
	65	**60**	**55**	**50**	**47**	**45**	**40**	**35**	**30**	**25**	**20**	**17**	**15**	**10**	**5**	**0**	**-5**	**-10**
MBh	70.4	66.6	62.7	58.6	**56.0**	54.3	50.4	46.5	42.6	39.3	36.2	34.2	32.9	29.5	26.2	22.8	19.5	16.0
ΔT	34.3	32.5	30.6	28.6	27.3	26.4	24.6	22.7	20.8	19.2	17.7	16.7	16.1	14.4	12.8	11.1	9.5	7.8
KW	5.51	5.40	5.30	5.20	**5.1**	5.09	4.99	4.89	4.65	4.55	4.45	4.39	4.35	4.25	4.15	4.05	3.95	3.86
AMPS	18.7	17.3	16.2	15.2	14.7	14.4	13.6	12.9	12.3	11.8	11.2	11.0	10.8	10.3	9.6	9.0	8.4	7.5
COP	3.74	3.61	3.46	3.30	3.19	3.12	2.96	2.78	2.68	2.53	2.38	2.28	2.22	2.03	1.85	1.65	1.44	1.21
EER	12.8	12.3	11.8	11.3	10.9	10.7	10.1	9.5	9.2	8.7	8.1	7.8	7.6	7.0	6.3	5.6	4.9	4.1
HI PR	273	261	251	240	235	230	221	212	203	194	187	182	179	172	165	159	153	148
LO PR	71	66	62	57	54	52	48	42	38	34	30	28	27	23	20	17	14	11

High pressure is measured at the suction service valve (the larger valve).

Low pressure is measured at the gauge port connection.

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

AMPS = Outdoor unit amps (comp.+fan)

KW = Total system power

Note: Refer to Cooling Performance Data section for multipliers.

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.

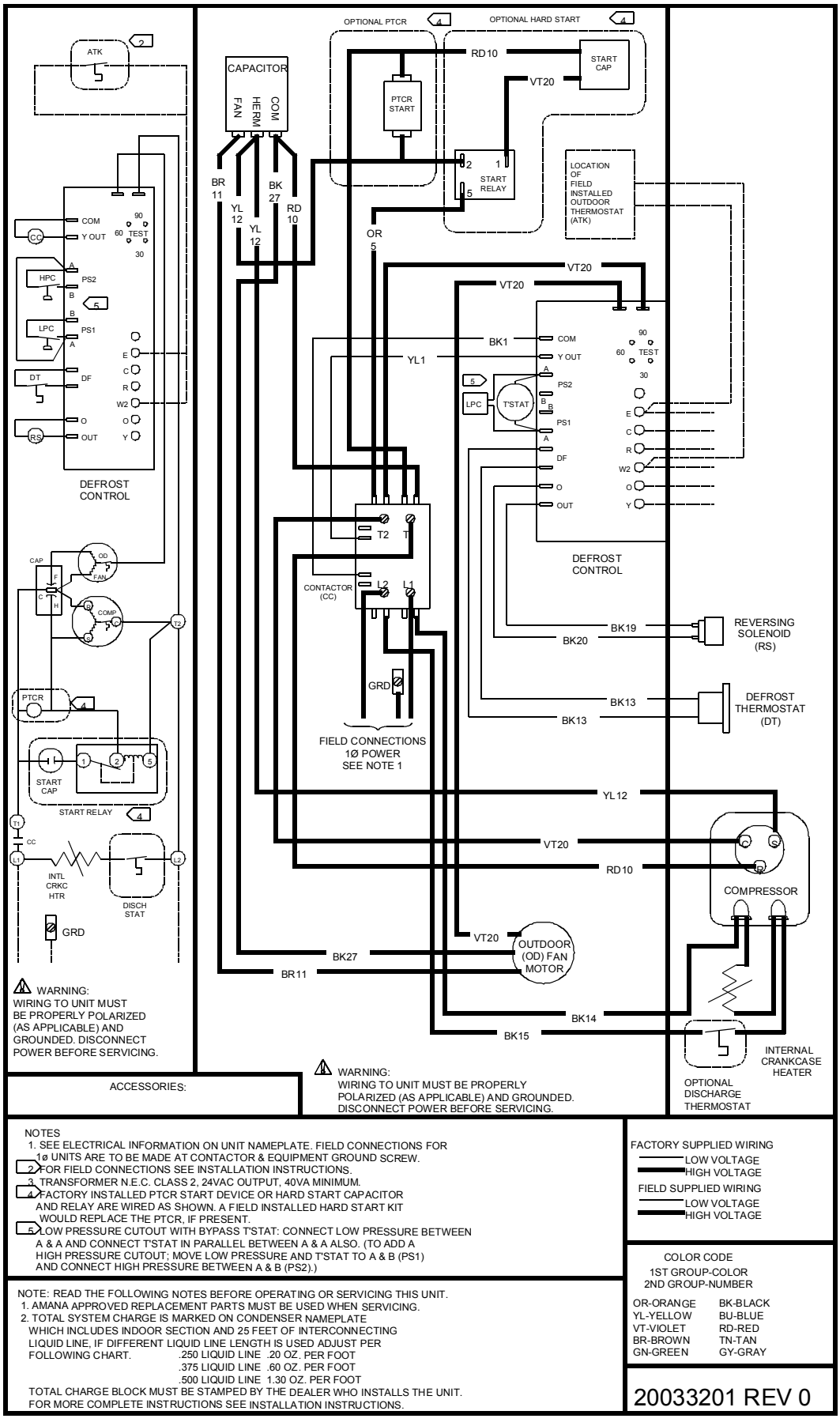
A properly operating unit should be within plus or minus **3 degrees** of the typical (Δ**T**) value shown.

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

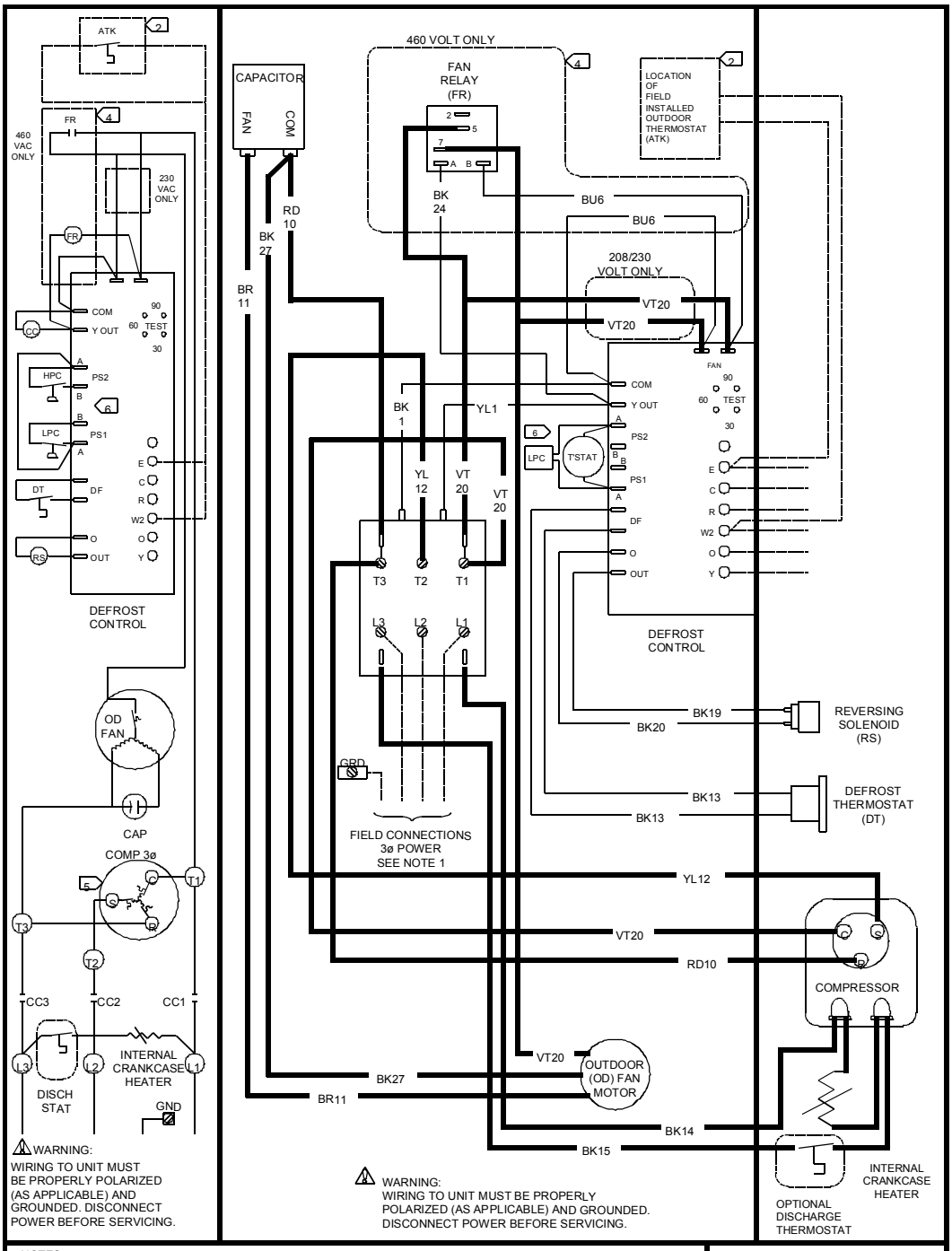


TO AVOID POSSIBLE ELECTRICAL SHOCK, PERSONAL INJURY, OR DEATH, DISCONNECT THE POWER BEFORE SERVICING.

WARNING

RHA(18-60)B2A
w/ serial numbers 99111658284 and earlier

WIRING DIAGRAMS



NOTES
1. SEE ELECTRICAL INFORMATION ON UNIT NAMEPLATE. FIELD CONNECTIONS FOR 3ø UNITS ARE TO BE MADE AT LI,L2,L3 OF THE CONTACTOR & EQUIPMENT GROUND LUG.
2. FOR LOW VOLTAGE FIELD CONNECTIONS SEE INSTALLATION INSTRUCTIONS.
3. TRANSFORMER N.E.C. CLASS 2, 24VAC OUTPUT, 40VA MINIMUM REQUIRED.
4. FAN WIRING: THE 230 VOLT FAN WIRES DIRECTLY TO THE DEFROST BOARD FAN TERMINAL. THE 460 VOLT FAN WIRES THROUGH THE FAN RELAY WITH LOW VOLTAGE WIRED TO THE DEFROST BOARD.
5. ALTERNATE 3ø COMPRESSORS MAY LABEL TERMINALS AS (C.S.R) OR (L1,L2,L3) OR (T1,T2,T3) RESPECTIVELY.
6. LOW PRESSURE CUTOUT WITH BYPASS T'STAT: CONNECT LOW PRESSURE BETWEEN A & A AND CONNECT T'STAT IN PARALLEL BETWEEN A & A ALSO. (TO ADD A HIGH PRESSURE CUTOUT; MOVE LOW PRESSURE AND T'STAT TO A & B (PS1) AND CONNECT HIGH PRESSURE BETWEEN A & B (PS2).)

FACTORY SUPPLIED WIRING
LOW VOLTAGE
HIGH VOLTAGE
FIELD SUPPLIED WIRING
LOW VOLTAGE
HIGH VOLTAGE

NOTE:READ THE FOLLOWING NOTES BEFORE OPERATING OR SERVICING THIS UNIT.
1. AMANA APPROVED REPLACEMENT PARTS MUST BE USED WHEN SERVICING.
2. TOTAL SYSTEM CHARGE IS MARKED ON CONDENSER NAMEPLATE WHICH INCLUDES INDOOR SECTION AND 25 FEET OF INTERCONNECTING LIQUID LINE, IF DIFFERENT LIQUID LINE LENGTH IS USED ADJUST PER FOLLOWING CHART.
.250 LIQUID LINE .20 OZ. PER FOOT
.375 LIQUID LINE .60 OZ. PER FOOT
.500 LIQUID LINE 1.30 OZ. PER FOOT
TOTAL CHARGE BLOCK MUST BE STAMPED BY THE DEALER WHO INSTALLS THE UNIT.
FOR MORE COMPLETE INSTRUCTIONS SEE INSTALLATION INSTRUCTIONS.

COLOR CODE
1ST GROUP-COLOR
2ND GROUP-NUMBER

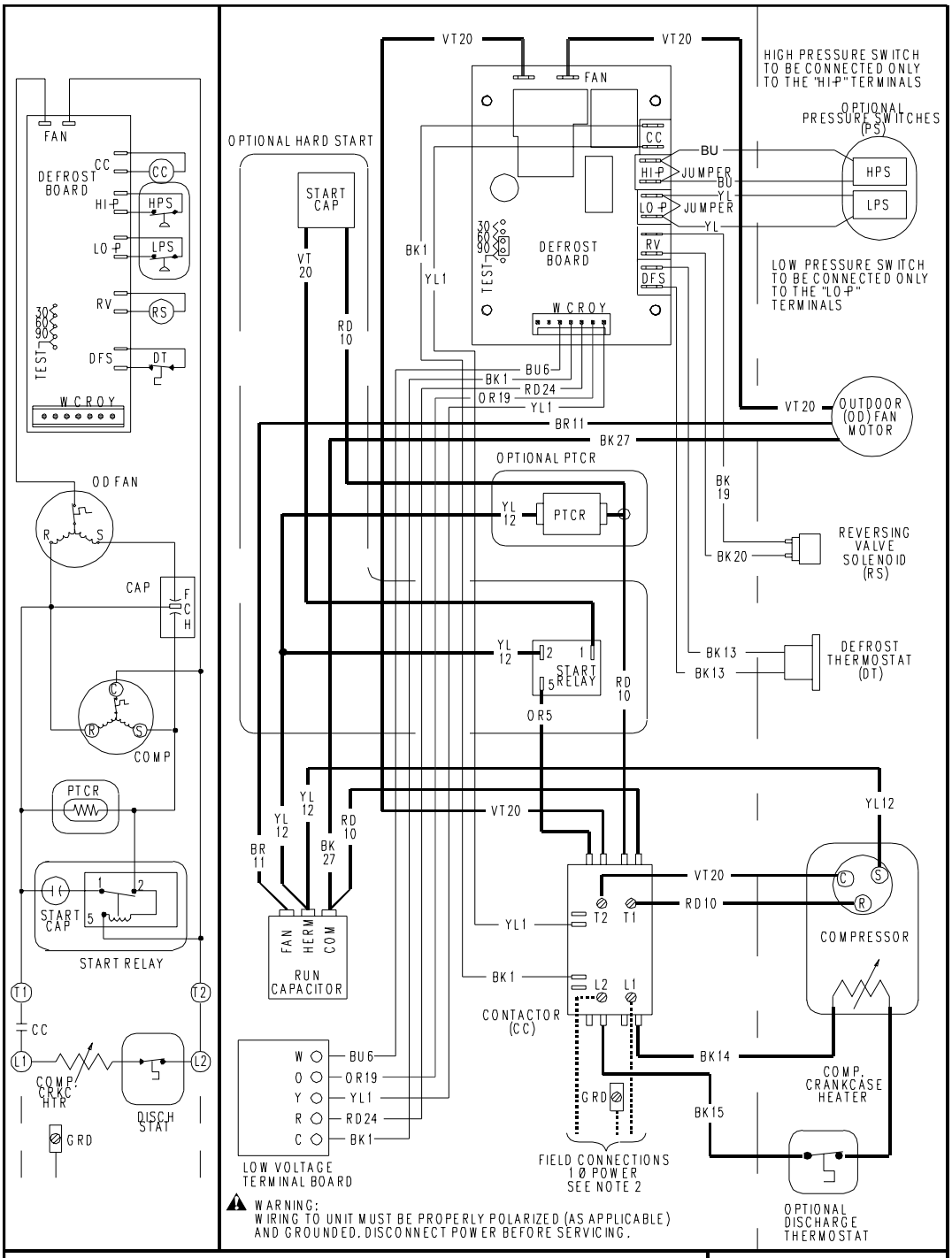
OR-ORANGE	BK-BLACK
YL-YELLOW	BU-BLUE
VT-VIOLET	RD-RED
BR-BROWN	TN-TAN
GN-GREEN	GY-GRAY

20033101 REV 0

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

RHA(36,48,60)B2A, RHA(48,60) B3A
w/ serial numbers 99111658284 and earlier

WIRING DIAGRAMS



NOTE: READ THE FOLLOWING NOTES BEFORE OPERATING OR SERVICING THIS UNIT.

1. SEE ELECTRICAL INFORMATION ON UNIT NAMEPLATE. FIELD CONNECTIONS FOR 1 Ø UNITS ARE TO BE MADE AT CONTACTOR & EQUIPMENT GROUND SCREW.
2. FOR FIELD CONNECTIONS SEE INSTALLATION INSTRUCTIONS.
3. TRANSFORMER N.E.C. CLASS 2, 24VAC OUTPUT, 40VA MINIMUM.
4. AMANA APPROVED REPLACEMENT PARTS MUST BE USED WHEN SERVICING.
5. TOTAL SYSTEM CHARGE IS MARKED ON CONDENSER NAMEPLATE WHICH INCLUDES INDOOR SECTION AND 25 FEET OF INTERCONNECTING LIQUID LINE, IF DIFFERENT LIQUID LINE LENGTH IS USED ADJUST PER FOLLOWING CHART:
   - .250 LIQUID LINE .20 OZ. PER FOOT
   - .375 LIQUID LINE .60 OZ. PER FOOT
   - .500 LIQUID LINE 1.30 OZ. PER FOOT

TOTAL CHARGE BLOCK MUST BE STAMPED BY THE DEALER WHO INSTALLS THE UNIT.
FOR MORE COMPLETE INSTRUCTIONS SEE INSTALLATION INSTRUCTIONS.

FACTORY SUPPLIED WIRING
- LOW VOLTAGE
- HIGH VOLTAGE

FIELD SUPPLIED WIRING
- LOW VOLTAGE
- HIGH VOLTAGE

COLOR CODE
1ST GROUP-COLOR
2ND GROUP-NUMBER

OR-ORANGE	BK-BLACK
YL-YELLOW	BU-BLUE
VT-VIOLET	RD-RED
BR-BROWN	TN-TAN
GN-GREEN	GY-GRAY

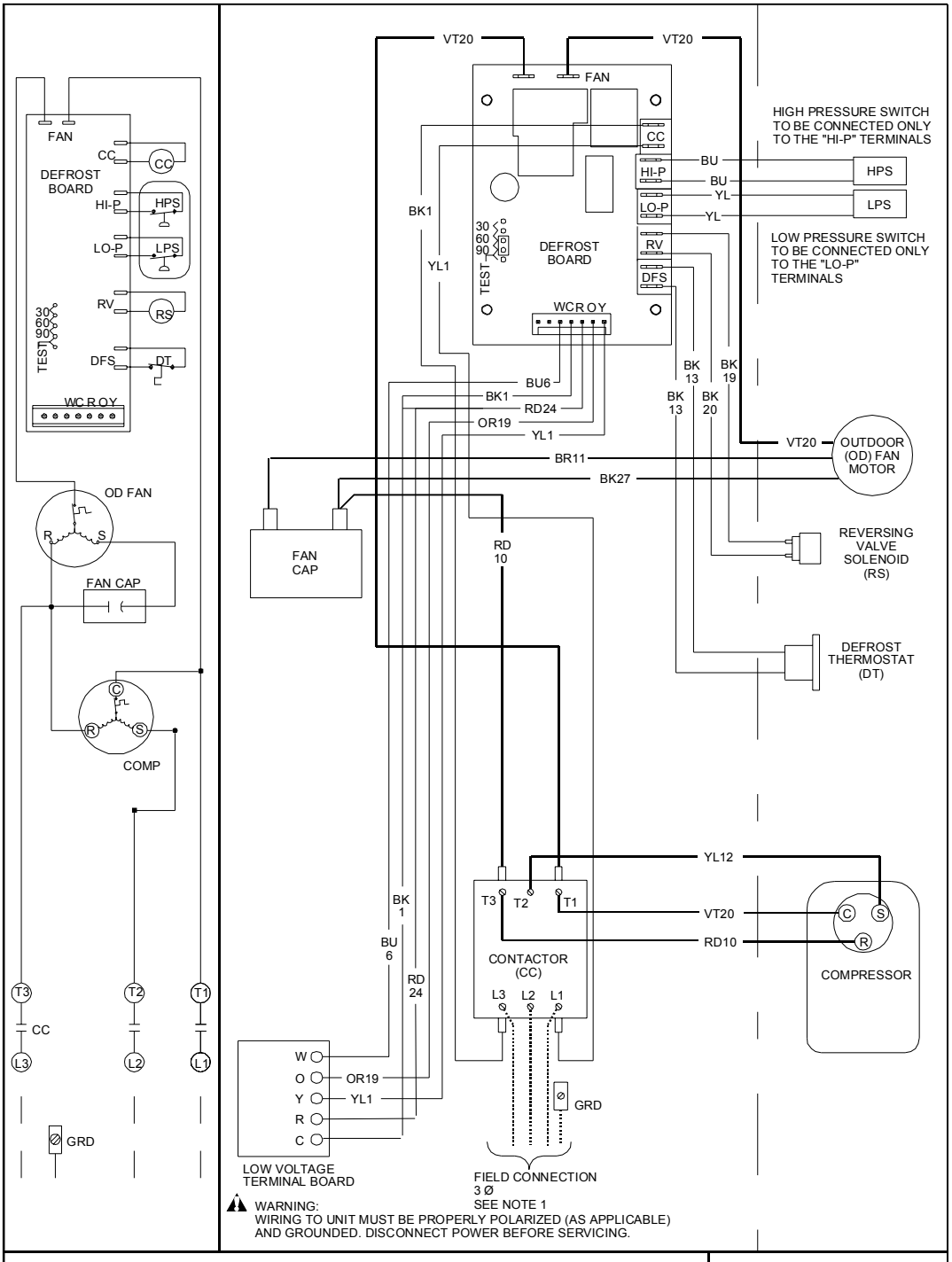
20275401 REV 0

WARNING

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

RHA*B2*
w/ serial numbers 9911158285 and later

WIRING DIAGRAMS



NOTE: READ THE FOLLOWING NOTES BEFORE OPERATING OR SERVICING THIS UNIT.

1. SEE ELECTRICAL INFORMATION ON UNIT NAMEPLATE. FIELD CONNECTIONS FOR 3 Ø UNITS ARE TO BE MADE AT L1,L2,L3, OF THE CONTACTOR & EQUIPMENT GROUND SCREW.
2. FOR FIELD CONNECTIONS SEE INSTALLATION INSTRUCTIONS.
3. TRANSFORMER N.E.C. CLASS 2, 24VAC OUTPUT, 40VA MINIMUM.
4. AMANA APPROVED REPLACEMENT PARTS MUST BE USED WHEN SERVICING.
5. TOTAL SYSTEM CHARGE IS MARKED ON CONDENSER NAMEPLATE WHICH INCLUDES INDOOR SECTION AND 25 FEET OF INTERCONNECTING LIQUID LINE, IF DIFFERENT LIQUID LINE LENGTH IS USED ADJUST PER FOLLOWING CHART:
   - .250 LIQUID LINE .20 OZ. PER FOOT
   - .375 LIQUID LINE .60 OZ. PER FOOT
   - .500 LIQUID LINE 1.30 OZ. PER FOOT

   TOTAL CHARGE BLOCK MUST BE STAMPED BY THE DEALER WHO INSTALLS THE UNIT. FOR MORE COMPLETE INSTRUCTIONS SEE INSTALLATION INSTRUCTIONS.

FACTORY SUPPLIED WIRING
- LOW VOLTAGE
- HIGH VOLTAGE

FIELD SUPPLIED WIRING
- LOW VOLTAGE
- HIGH VOLTAGE

COLOR CODE
1ST GROUP-COLOR
2ND GROUP-NUMBER

OR-ORANGE	BK-BLACK
YL-YELLOW	BU-BLUE
VT-VIOLET	RD-RED
BR-BROWN	TN-TAN
GN-GREEN	GY-GRAY

20275601 REV 0

WARNING

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

RHA*B3*
w/ serial numbers 9911158285 and later