



Product Data

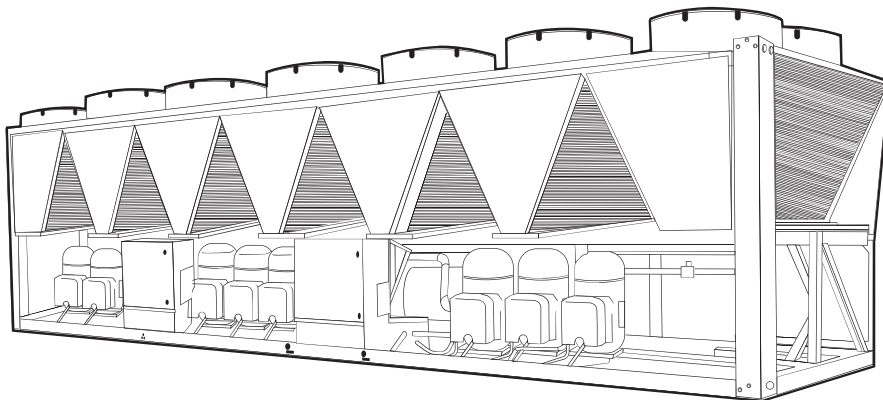
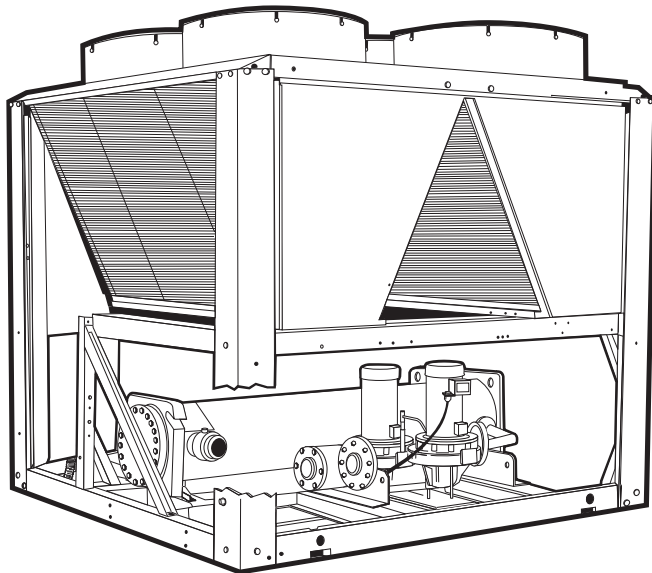
AQUASNAP® 30RB060-390 Air-Cooled Chillers

60 to 390 Nominal Tons
(210 to 1370 kW)

Model #: 30RBA1706-B04797
Serial #: 2106Q81553

2006
170 Tons

AQUASNAP®



Operating Weight: 10,601 lbs


Puron
the environmentally sound refrigerant

**ASHRAE
90.1
COMPLIANT**

L: 19' 7"
W: 7' 2"
H: 7' 6"

The AquaSnap chiller is an effective all-in-one package that is easy to install and easy to own. AquaSnap chillers cost less to purchase and install, and then operate quietly and efficiently. Value-added features include:

- Rotary scroll compression
- Puron® HFC refrigerant (R-410A)
- Quiet AeroAcoustic™ fan system
- Easy to use ComfortLink™ controls
- Integrated hydronic pump or full heat reclaim package
- Microchannel condenser coil technology

Features/Benefits

Carrier's superior chiller design provides savings at initial purchase, at installation, and for years afterward.

Costs less right from the start

Carrier's AquaSnap chillers feature a compact, all-in-one package design that installs quickly and easily on the ground or the rooftop. The optional pump and hydronic components are already built in; this costs less than buying and installing the components individually. The chiller's fully integrated and pre-assembled hydronic system installs in minutes. No other chiller in this class installs so easily and inexpensively. The preassembled and integrated hydronic module utilizes top-quality components and pumps to ensure years of reliable operation. The AquaSnap unit's high efficiency keeps operating costs down.

Model number nomenclature

30RB A 170 6 - B 0 4 7 9 7



30RB – Air-Cooled AquaSnap® Chiller

Design Series

Nominal Sizes

060	110	170	275
070	120	190	300
080	130	210	315*
090	150	225	330*
100	160	250	345*
			360*
			390*

Voltage

- 1 – 575-3-60
- 2 – 380-3-60
- 5 – 208/230-3-60
- 6 – 460-3-60

Condenser Coil / Low Sound Options

- – Aluminum Fin / Copper Tube
- 0 – Copper Fin / Copper Tube
- 1 – Aluminum Pre-Coat Fin / Copper Tube
- 2 – Aluminum E-Coat Fin / Copper Tube
- 3 – Copper E-Coat Fin / Copper Tube
- 4 – Microchannel (MCHX)
- 5 – E-Coat, Microchannel (MCHX)
- 6 – Aluminum Fin / Copper Tube, Cmpr Enclosures
- 7 – Copper Fin / Copper Tube, Cmpr Enclosures
- 8 – Aluminum Pre-Coat Fin / Copper Tube, Cmpr Enclosures
- 9 – Aluminum E-Coat Fin / Copper Tube, Cmpr Enclosures
- B – Copper E-Coat Fin / Copper Tube, Cmpr Enclosures
- C – Microchannel (MCHX), Cmpr Enclosures
- D – E-Coat, Microchannel, Cmpr Enclosures

Hydronics Option

- – No Pump Installed
- 0 – Single Pump, 3 HP
- 1 – Single Pump, 5 HP
- 2 – Single Pump, 7.5 HP
- 3 – Single Pump, 10 HP
- 4 – Single Pump, 15 HP
- 6 – Dual Pump, 3 HP
- 7 – Dual Pump, 5 HP
- 8 – Dual Pump, 7.5 HP, Low Head
- 9 – Dual Pump, 7.5 HP, High Head
- B – Dual Pump, 10 HP
- C – Dual Pump, 15 HP
- Z – Special order designation

Cooler / Brine Options

- – Integral Cooler
- 0 – Integral Cooler, Cooler Heater
- 4 – Integral Cooler, Microchannel (MCHX)
- 5 – Integral Cooler, Cooler Heater, Microchannel (MCHX)
- 9 – Integral Cooler, Medium Temperature Brine
- B – Integral Cooler, Cooler Heater, Medium Temperature Brine
- D – Integral Cooler, Medium Temperature Brine, Microchannel (MCHX)
- F – Integral Cooler, Cooler Heater, Medium Temperature Brine, Microchannel (MCHX)
- T – Integral Cooler, Microchannel (MCHX), Heat Reclaim
- V – Integral Cooler, Cooler Heater, Microchannel (MCHX), Heat Reclaim

LEGEND

- EMM – Energy Management Module
- GFI-CO – Ground Fault Interrupting Convenience Outlet
- LON – Local Operating Network
- SCCR – Short Circuit Current Rating
- XL – Across-the-Line Start

*Refer to unit sizes and modular combinations below.

†Sponsored by ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers).

NOTE: A "Z" in position 11 indicates a special order machine. Digits following do not correspond to tables.

Security/Packaging Option

- L – No Packaging
- 0 – Skid
- 1 – Skid, Top Crate and Bag
- 3 – Condenser Coil Trim Panels
- 4 – Skid, Condenser Coil Trim Panels
- 5 – Skid, Top Crate and Bag, Condenser Coil Trim Panels
- 7 – Condenser Coil Trim Panels, Upper and Lower Grilles
- 8 – Skid, Condenser Coil Trim Panels, Upper and Lower Grilles
- 9 – Skid, Top Crate and Bag, Condenser Coil Trim Panels, Upper and Lower Grilles
- C – Condenser Coil Trim Panels, Upper and Lower Grilles, Upper Hail Guards
- D – Skid, Condenser Coil Trim Panels, Upper and Lower Grilles, Upper Hail Guards
- F – Skid, Top Crate and Bag, Condenser Coil Trim Panels, Upper and Lower Grilles, Upper Hail Guards
- H – Skid, High SCCR
- J – Skid, Top Crate, Bag, High SCCR
- K – High SCCR
- M – Coil Trim Panels, High SCCR
- N – Skid, Coil Trim Panels, High SCCR
- P – Skid, Top Crate, Bag, Coil Trim Panels, High SCCR
- R – Coil Trim Panels, Upper and Lower Grilles, High SCCR
- S – Skid, Coil Trim Panels, Upper and Lower Grilles, High SCCR
- T – Skid, Top Crate, Bag, Coil Trim Panels, Upper and Lower Grilles, High SCCR
- W – Coil Trim Panels, Upper and Lower Grilles, Upper Hail Guards, High SCCR
- X – Skid, Coil Trim Panels, Upper and Lower Grilles, Upper Hail Guards, High SCCR
- Y – Skid, Top Crate, Bag, Coil Trim Panels, Upper and Lower Grilles, Upper Hail Guards, High SCCR

Controls/Communication Option

- – None
- 0 – EMM
- 1 – Remote Service Port, GFI-CO
- 2 – EMM, Remote Service Port, GFI-CO
- 7 – BACnet† Translator
- 8 – BACnet Translator, EMM
- 9 – BACnet Translator, Remote Service Port, GFI-CO
- B – BACnet Translator, EMM, Remote Service Port, GFI-CO
- H – LON Translator
- J – LON Translator, EMM
- K – LON Translator, Remote Service Port, GFI-CO
- L – LON Translator, EMM, Remote Service Port, GFI-CO

Electrical Option

- – Single Power Connection, Terminal Block, XL
- 0 – Single Power Connection, Terminal Block, XL, Full End Covers
- 3 – Dual Power Connection, Terminal Block, XL
- 4 – Dual Power Connection, Terminal Block, XL, Full End Covers
- 7 – Single Power Connection, Non-Fused Disconnect, XL
- 8 – Single Power Connection, Non-Fused Disconnect, XL, Full End Covers
- C – Dual Power Connection, Non-Fused Disconnect, XL
- D – Dual Power Connection, Non-Fused Disconnect, XL, Full End Covers

Refrigeration Circuit Option

- – No Suction Line Insulation
- 0 – Suction Insulation
- 1 – Suction Service Valves
- 2 – Low Ambient Head Pressure Control Operation
- 3 – Suction Insulation, Suction Service Valves
- 4 – Suction Insulation, Low Ambient Head Pressure Control Operation
- 5 – Suction Service Valves, Low Ambient Head Pressure Control Operation
- 6 – Suction Insulation, Service Valves, Low Ambient Head Pressure Control Operation
- 7 – Minimum Load Control
- 8 – Suction Insulation, Minimum Load Control Operation
- 9 – Suction Service Valves, Minimum Load Control Operation
- B – Low Ambient Operation, Minimum Load Control Operation
- C – Suction Insulation, Suction Service Valves, Minimum Load Control Operation
- D – Suction Insulation, Low Ambient Head Pressure Control Operation, Minimum Load Control Operation
- F – Suction Service Valves, Low Ambient Head Pressure Control Operation, Minimum Load Control Operation
- G – Suction Insulation, Suction Service Valves, Low Ambient Head Pressure Control Operation, Minimum Load Control Operation

Quality Assurance

Certified to ISO 9001:2000

UNIT SIZES AND MODULAR COMBINATIONS

UNIT 30RB	NOMINAL TONS	NOMINAL kW	MODULE A	MODULE B
060	60	210	—	—
070	70	245	—	—
080	80	280	—	—
090	90	315	—	—
100	100	350	—	—
110	110	385	—	—
120	120	421	—	—
130	130	456	—	—
150	150	526	—	—
160	160	562	—	—
170	170	597	—	—

UNIT 30RB	NOMINAL TONS	NOMINAL kW	MODULE A	MODULE B
190	190	667	—	—
210	210	737	—	—
225	225	791	—	—
250	250	879	—	—
275	275	967	—	—
300	300	1055	—	—
315	315	1107	160	160
330	330	1160	170	160
345	345	1213	170	170
360	360	1266	190	170
390	390	1370	190	190

ARI* capacity ratings



30RB UNIT SIZE	CAPACITY		COMP	FAN	TOTAL POWER	FULL LOAD		IPLV		COOLER FLOW RATE		COOLER PD	
	Tons	kW	kW	kW	kW	EER	COP	EER	COP	GPM	L/s	ft wg	kPa
060	57.1	200.8	60.1	10.3	70.4	9.7	2.9	13.2	3.9	136.5	8.6	8.9	26.6
070	66.5	233.9	73.1	10.3	83.4	9.6	2.8	13.4	3.9	159.0	10.0	11.7	35.0
080	76.0	267.3	85.0	10.3	95.3	9.6	2.8	14.2	4.2	181.7	11.5	7.0	20.9
090	86.4	303.8	91.1	15.5	106.6	9.7	2.9	13.5	4.0	206.7	13.0	8.9	26.6
100	95.7	336.5	104.0	15.5	119.5	9.6	2.8	13.6	4.0	229.0	14.4	10.7	32.0
110	105.5	371.0	116.6	15.5	132.1	9.6	2.8	13.7	4.0	252.1	15.9	8.8	26.3
120	118.4	416.4	129.5	18.1	147.6	9.6	2.8	13.7	4.0	283.2	17.9	10.9	32.6
130	127.3	447.7	137.5	20.6	158.1	9.7	2.8	13.6	4.0	304.4	19.2	12.5	37.4
150	144.4	507.8	158.4	20.6	179.0	9.7	2.8	13.8	4.0	345.3	21.8	7.5	22.4
160	153.0	538.0	162.8	25.8	188.6	9.7	2.9	13.4	3.9	366.0	23.1	8.4	25.1
170	166.5	585.5	182.4	25.8	208.2	9.6	2.8	13.5	4.0	398.1	25.1	9.8	29.3
190	188.5	662.9	205.6	31.0	236.6	9.6	2.8	13.4	3.9	450.9	28.4	12.4	37.1
210	201.9	710.0	217.6	31.0	248.6	9.7	2.9	13.7	4.0	482.7	30.5	9.9	29.6
225	214.2	753.3	236.8	31.0	267.8	9.6	2.8	13.8	4.0	512.3	32.3	11.2	33.5
250	237.8	836.2	261.5	36.1	297.6	9.6	2.8	13.6	4.0	568.8	35.9	13.6	40.7
275	260.2	915.0	284.0	41.3	325.3	9.6	2.8	13.7	4.0	622.4	39.3	16.2	48.4
300	282.6	993.8	308.1	46.5	354.6	9.6	2.8	13.5	4.0	675.6	42.6	19.0	56.8
315	306.0	1076.1	325.7	51.6	377.3	9.7	2.9	13.4	3.9	731.9	46.2	8.4	25.1
330	319.5	1123.6	345.2	51.6	396.8	9.7	2.8	13.5	4.0	764.1	48.2	9.8	29.3
345	332.9	1170.7	364.8	51.6	416.4	9.6	2.8	13.5	4.0	796.3	50.2	9.8	29.3
360	355.0	1248.4	388.0	56.8	444.8	9.6	2.8	13.5	4.0	849.0	53.6	12.4	37.1
390	377.0	1325.8	411.1	62.0	473.1	9.6	2.8	13.4	3.9	901.7	56.9	12.4	37.1

LEGEND

- COP** — Coefficient of Performance
- EER** — Energy Efficiency Ratios
- IPLV** — Integrated Part Load Value
- PD** — Pressure Drop

*Air Conditioning and Refrigeration Institute.

NOTE: Based on ARI-550/590 standard rating conditions. Ratings are for standard chillers only. Ratings do not include options.





30RB060-300 — ENGLISH (cont)

UNIT 30RB	160	170	190	210	225	250	275	300
OPERATING WEIGHT (lb)*								
Al-Cu Condenser Coil	10,266	10,601	12,013	13,734	14,067	15,468	16,915	18,306
Cu-Cu Condenser Coil	11,472	11,807	13,460	15,181	15,514	17,157	18,845	20,477
MCHX Condenser Coil	9,475	9,799	11,064	12,772	13,093	14,349	15,647	16,893
REFRIGERANT TYPE								
Refrigerant Charge (lb)	R-410A, EXV Controlled System							
Std Coil, Ckt A/Ckt B/Ckt C	162/106/—	162/130/—	162/162/—	133/106/133	133/133/133	133/133/162	162/162/133	162/162/162
MCHX Coil, Ckt A/Ckt B/Ckt C	86/59/—	86/68/—	86/93/—	63/57/68	63/63/68	63/63/95	86/93/72	86/93/100
COMPRESSORS								
Quantity	7	7	8	9	9	10	11	12
Speed (rpm)	Scroll, Hermetic 3500							
(Qty) Compressor Model Number Ckt A	(4) SH300	(4) SH300	(4) SH300	(3) SH300	(3) SH300	(3) SH300	(4) SH300	(4) SH300
(Qty) Compressor Model Number Ckt B	(3) SH240	(3) SH300	(4) SH300	(3) SH240	(3) SH300	(3) SH300	(4) SH300	(4) SH300
(Qty) Compressor Model Number Ckt C	N/A	N/A	N/A	(3) SH300	(3) SH300	(4) SH300	(3) SH300	(4) SH300
Oil Charge (Pt, Ckt A/Ckt B/Ckt C)	52.5/39.4/—	52.5/39.4/—	52.5/52.5/—	39.4/39.4/39.4	39.4/39.4/39.4	39.4/39.4/52.5	52.5/52.5/39.4	52.5/52.5/52.5
No. Capacity Steps	7	7	8	9	9	10	11	12
Standard	7	7	8	9	9	10	11	12
Optional (Maximum)	8	8	9	10	10	11	12	13
Minimum Capacity Step (%)	13	14	13	10	11	10	9	8
Standard	13	14	13	10	11	10	9	8
Optional	8	10	9	6	8	7	7	6
Capacity (%)	62	57	50	36	33	30	36	33
Ckt A	38	43	50	28	33	30	36	33
Ckt B	N/A	N/A	N/A	36	33	40	28	33
Ckt C								
COOLER								
Weight (empty, lb)	1518	1518	1518	2382	2382	2382	2382	2382
Net Fluid Volume (gal)	73.5	73.5	73.5	86.6	86.6	86.6	86.6	86.6
Maximum Refrigerant Pressure (psig)	445	445	445	445	445	445	445	445
Maximum Water-Side Pressure without Pumps (psig)	300	300	300	300	300	300	300	300
Maximum Water-Side Pressure with Pumps (psig)	150	150	150	150	150	150	150	150
COOLER WATER CONNECTIONS (in.)								
Inlet and Outlet, Victaulic	6	6	6	6	6	6	6	6
Drain (NPT)	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
CONDENSER FANS								
Standard Low Noise Type								
Fan Speed (rpm) Standard	1140	1140	1140	1140	1140	1140	1140	1140
No. Blades...Diameter (in.)	9...30	9...30	9...30	9...30	9...30	9...30	9...30	9...30
No. Fans (Ckt A/Ckt B/Ckt C)	6/4/—	6/4/—	6/6/—	4/4/4	4/4/4	4/4/6	6/6/4	6/6/6
Total Airflow (cfm)	124,000	124,000	148,800	148,800	148,800	173,600	198,400	223,200
CONDENSER COILS								
No. Coils (Ckt A/Ckt B/Ckt C)	6/4/—	6/4/—	6/6/—	4/4/4	4/4/4	4/4/6	6/6/4	6/6/6
Total Face Area (sq ft)	235	235	282	282	282	328	375	422
Max Working Refrigerant Pressure (psig)	656	656	656	656	656	656	656	656
OPTIONAL HEAT RECOVERY CONDENSER								
Flooded, Shell and Tube Type								
Weight (lb) (empty)	1296	1296	1296	—	—	—	—	—
Net Fluid Volume (gal)	17.4	17.4	17.4	—	—	—	—	—
Maximum Refrigerant Pressure (psig)	656	656	656	—	—	—	—	—
Maximum Water-Side Pressure (psig)	300	300	300	—	—	—	—	—
Water Connections (in.)	5	5	5	—	—	—	—	—
Inlet and Outlet, Victaulic	3/8	3/8	3/8	—	—	—	—	—
Drain (NPT)	3/8	3/8	3/8	—	—	—	—	—
HYDRONIC MODULE (Optional)								
Pump	Pump(s) with pressure/temperature taps and combination valve. Single or Dual, 1800 or 3600 rpm				Not available			
CHASSIS DIMENSIONS (ft-in.)								
Length	19-8		23-7			27-6	31-5	35-4
Width	7-4 ²⁵ / ₃₂							
Height	7-6 ⁷ / ₁₆							

LEGEND

- Al-Cu — Aluminum Fin/Copper Tube Condenser Coil
- Cu-Cu — Copper Fin/Copper Tube Condenser Coil
- EXV — Electronic Expansion Valve
- MCHX — Microchannel Condenser Coil
- N/A — Not Applicable

*Operating weight does not include any options.

Performance data



30RB PACKAGED AIR-COOLED CHILLER RATINGS TABLE — ENGLISH

LCWT (F)	UNIT SIZE	CONDENSER ENTERING AIR TEMPERATURE (F)														
		85			95			105			115			120		
		Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)
40	30RB060	56.4	63.4	134.8	52.9	69.2	126.4	49.1	75.8	117.3	45.1	83.2	107.6	42.9	87.2	102.5
	30RB070	65.9	74.9	157.4	61.8	81.9	147.7	57.5	89.8	137.4	52.8	98.5	126.2	50.3	103.3	120.1
	30RB080	75.0	85.1	179.2	70.1	93.1	167.4	64.9	102.1	154.9	59.2	112.1	141.3	56.2	117.6	134.1
	30RB090	85.5	96.0	204.1	80.3	104.9	191.7	74.7	114.8	178.3	68.6	125.9	163.8	65.3	131.8	156.0
	30RB100	94.9	107.6	226.6	89.1	117.6	212.8	83.0	128.8	198.2	76.3	141.3	182.3	72.7	148.0	173.7
	30RB110	104.6	118.3	249.7	98.0	129.5	234.2	91.1	142.2	217.4	83.6	156.3	199.7	79.7	164.0	190.2
	30RB120	117.4	132.4	280.3	110.3	144.8	263.3	102.6	158.7	244.9	94.2	174.0	224.9	89.7	182.3	214.2
	30RB130	125.9	142.3	300.7	118.2	155.4	282.2	109.9	170.1	262.4	100.8	186.4	240.7	95.9	195.2	229.0
	30RB150	142.8	160.7	340.9	133.9	175.5	319.9	124.4	192.0	297.1	114.0	210.4	272.2	108.3	220.2	258.7
	30RB160	150.7	169.6	359.8	141.6	185.1	338.1	131.7	202.4	314.6	121.0	221.7	288.8	115.1	232.1	274.9
	30RB170	164.3	186.9	392.2	154.4	204.1	368.6	143.5	223.3	342.6	131.6	244.6	314.1	125.2	256.0	299.0
	30RB190	185.9	212.8	443.8	174.7	232.1	417.1	162.7	253.8	388.4	149.5	277.8	356.9	142.3	290.7	339.7
	30RB210	199.1	223.2	475.4	187.2	243.8	446.9	174.1	266.8	415.8	159.8	292.4	381.6	152.1	306.1	363.1
	30RB225	211.6	240.2	505.2	198.9	262.5	475.2	185.0	287.4	441.7	169.8	315.0	405.3	161.5	329.8	385.6
	30RB250	235.0	267.3	561.1	221.0	292.0	527.7	205.6	319.5	490.5	188.8	350.0	450.8	179.7	366.4	429.1
	30RB275	257.0	292.5	613.8	241.8	319.2	577.5	225.3	349.3	538.1	207.0	382.4	494.5	197.1	400.3	470.5
	30RB300	279.2	319.1	666.6	262.7	348.1	627.2	244.8	380.7	584.5	225.2	416.9	537.8	214.5	436.3	512.3
	30RB315	301.4	339.2	719.6	283.0	370.2	676.2	263.4	404.8	629.2	242.0	443.4	577.6	230.2	464.2	549.8
	30RB330	315.0	356.5	752.0	296.0	389.2	706.7	275.2	445.0	631.4	246.7	466.3	602.9	240.3	488.1	573.9
	30RB345	328.6	373.8	784.4	309.0	408.2	737.2	287.0	446.6	685.2	263.2	489.2	628.2	250.4	512.0	598.0
30RB360	350.2	399.7	836.0	329.0	436.2	785.7	306.2	477.1	731.0	281.1	522.4	671.0	267.5	546.7	638.7	
30RB390	371.8	425.6	887.6	349.0	464.2	834.2	325.4	507.6	776.8	297.0	555.6	713.8	284.6	581.4	679.4	
42	30RB060	58.6	64.0	140.1	55.0	69.8	131.4	51.1	76.4	122.1	46.9	83.8	112.0	44.6	87.8	106.7
	30RB070	68.4	75.7	163.3	64.2	82.7	153.3	59.7	90.6	142.7	54.9	99.4	131.2	52.3	104.2	125.0
	30RB080	78.1	86.1	186.5	72.9	94.1	174.3	67.5	103.2	161.3	61.6	113.3	147.2	58.5	118.7	139.8
	30RB090	88.7	96.9	211.9	83.3	105.7	199.1	77.6	115.7	185.3	71.3	126.8	170.3	67.9	132.8	162.2
	30RB100	98.4	108.5	235.2	92.4	118.6	220.8	86.1	129.9	205.7	79.2	142.4	189.4	75.5	149.1	180.5
	30RB110	108.5	119.6	259.2	101.8	130.8	243.2	94.6	143.5	226.0	86.9	157.7	207.6	82.7	165.3	197.8
	30RB120	121.7	133.8	290.7	114.4	146.1	273.3	106.5	160.1	254.5	97.8	175.5	233.7	93.1	183.8	222.7
	30RB130	130.6	143.7	312.2	122.7	156.8	293.1	114.1	171.6	272.6	104.8	188.0	250.3	99.7	196.8	238.2
	30RB150	148.2	162.4	354.0	139.1	177.3	332.3	129.2	194.0	308.8	118.4	212.4	283.0	112.6	222.3	269.1
	30RB160	156.6	171.3	374.2	147.2	186.9	351.8	137.0	204.3	327.4	125.9	223.7	300.7	119.8	234.1	286.3
	30RB170	170.6	188.8	407.5	160.3	206.1	383.0	149.1	225.4	356.3	136.9	246.8	327.0	130.2	258.3	311.1
	30RB190	193.1	214.9	461.4	181.5	234.4	433.8	169.1	256.2	404.0	155.5	280.4	371.5	148.0	293.3	353.7
	30RB210	206.8	225.5	493.9	194.4	246.2	464.6	181.0	269.4	432.4	166.2	295.1	397.1	158.2	308.9	378.0
	30RB225	219.6	242.8	524.7	206.5	265.2	493.0	192.2	290.3	459.1	176.4	318.0	421.5	167.9	332.9	401.2
	30RB250	243.7	270.1	582.3	229.3	294.9	548.0	213.5	322.6	510.2	196.2	353.3	468.7	186.8	369.7	446.2
	30RB275	266.6	295.4	637.1	250.9	322.3	599.5	233.9	352.5	558.8	215.0	385.9	513.8	204.8	403.8	489.2
	30RB300	289.6	322.2	692.0	272.5	351.5	651.2	254.1	384.2	607.1	233.9	420.6	558.8	222.9	440.1	532.7
	30RB315	313.2	342.6	748.4	294.4	373.8	703.6	274.0	408.6	654.8	251.8	447.4	601.4	239.6	468.2	572.6
	30RB330	327.2	360.1	781.7	307.5	393.0	734.8	286.2	429.7	683.7	262.7	470.5	627.8	250.0	492.4	597.4
	30RB345	341.1	377.6	815.1	321.0	412.2	766.0	298.3	450.9	712.7	273.7	493.7	654.1	260.4	516.7	622.3
30RB360	363.7	403.7	868.9	341.8	440.5	816.8	318.2	481.6	760.3	292.3	527.2	698.5	278.2	551.7	664.8	
30RB390	386.2	429.9	922.8	363.0	468.8	867.5	338.1	512.4	807.9	310.9	560.7	742.9	296.0	586.7	707.4	
44	30RB060	60.8	64.8	145.3	57.1	70.5	136.6	53.1	77.1	126.9	48.7	84.5	116.5	46.4	88.5	111.0
	30RB070	70.8	76.5	169.4	66.5	83.5	159.1	61.9	91.5	148.0	57.0	100.3	136.3	54.3	105.1	129.8
	30RB080	81.3	87.2	194.3	76.0	95.3	181.6	70.2	104.4	167.9	64.1	114.5	153.3	60.8	119.9	145.5
	30RB090	92.0	98.1	220.1	86.5	106.7	206.8	80.6	116.6	192.6	74.0	127.7	177.0	70.5	133.7	168.6
	30RB100	101.9	109.8	243.9	95.8	119.6	229.1	89.2	131.0	213.4	82.2	143.6	196.6	78.4	150.3	187.5
	30RB110	112.3	121.0	268.6	105.5	132.2	252.3	98.1	144.8	234.6	90.1	159.0	215.5	85.9	166.7	205.4
	30RB120	126.0	135.4	301.3	118.5	147.7	283.2	110.4	161.5	264.0	101.5	177.1	242.7	96.7	185.4	231.3
	30RB130	135.5	145.1	324.0	127.3	158.3	304.3	118.4	173.1	283.1	108.8	189.6	260.2	103.6	198.5	247.7
	30RB150	153.9	164.3	368.0	144.5	179.3	345.4	134.2	196.0	320.9	123.0	214.5	294.2	117.0	224.4	279.8
	30RB160	162.7	173.0	388.9	153.1	188.7	366.0	142.5	206.2	340.6	130.9	225.6	313.0	124.7	236.1	298.1
	30RB170	177.1	190.8	423.5	166.5	208.2	398.1	155.0	227.7	370.6	142.3	249.2	340.2	135.4	260.7	323.7
	30RB190	200.6	217.2	479.3	188.6	236.7	450.9	175.6	258.7	419.9	161.5	283.0	386.2	153.9	296.0	368.0
	30RB210	214.7	227.9	513.2	201.9	248.7	482.5	188.0	272.0	449.4	172.7	297.8	412.9	164.4	311.7	393.1
	30RB225	228.0	245.5	545.1	214.4	268.1	512.5	199.5	293.3	476.7	183.2	321.1	438.1	174.4	336.0	416.9
	30RB250	252.9	273.0	604.6	238.0	298.0	569.0	221.8	325.8	530.2	203.7	356.6	486.7	194.0	373.2	463.9
	30RB275	276.6	298.5	661.3	260.3	325.6	622.4	242.7	355.9	580.2	223.3	389.5	533.9	212.7	407.5	508.6
	30RB300	300.4	325.5	718.2	282.7	354.9	675.9	263.6	387.8	630.3	242.7	424.4	580.3	231.4	444.0	553.4
	30RB315	325.3	346.0	777.8	306.0	377.4	731.9	284.9	412.4	681.3	261.8	451.3	626.0	249.3	472.2	596.1
	30RB330	339.8	363.8	812.4	319.6	396.9	764.0	297.5	433.9	711.2	273.2	474.8	653.2	260.0	496.8	621.7
	30RB345	354.3	381.7	847.0	333.0	416.5	796.2	310.0	455.4	741.2	284.6	498.4	680.4	270.8	521.4	647.4
30RB360	377.7	408.0	902.8	355.1	445.0	849.0	330.6	486.4	790.5	303.8	532.2	726.4	289.3	556.7	691.7	
30RB390	401.2	434.4	958.5	377.2	473.5	901.8	351.3	517.3	839.9	323.1	565.9	772.5	307.8	592.0	736.1	

LEGEND

LCWT — Leaving Chilled Water Temperature

NOTE: Ratings are for standard chillers with no options.

Performance data (cont)



30RB PACKAGED AIR-COOLED CHILLER RATINGS TABLE — ENGLISH (cont)

LCWT (F)	UNIT SIZE	CONDENSER ENTERING AIR TEMPERATURE (F)														
		85			95			105			115			120		
		Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)
46	30RB060	63.1	65.7	151.0	59.3	71.5	141.9	55.2	77.9	132.1	50.7	85.2	121.2	48.3	89.2	115.5
	30RB070	73.4	77.6	175.5	68.9	84.5	164.9	64.2	92.4	153.6	59.1	101.3	141.4	56.3	106.1	134.8
	30RB080	84.5	88.4	202.2	79.1	96.5	189.3	73.2	105.7	175.2	66.8	115.8	159.9	63.4	121.3	151.8
	30RB090	95.4	99.4	228.3	89.7	108.0	214.6	83.6	117.7	200.0	76.9	128.7	184.1	73.3	134.7	175.4
	30RB100	105.5	111.2	252.5	99.2	121.0	237.4	92.5	132.1	221.3	85.2	144.7	203.9	81.3	151.6	194.5
	30RB110	116.3	122.8	278.2	109.3	133.8	261.4	101.7	146.3	243.3	93.5	160.5	223.7	89.1	168.2	213.2
	30RB120	130.5	137.0	312.1	122.7	149.4	293.5	114.3	163.2	273.6	105.3	178.6	251.9	100.3	187.0	240.1
	30RB130	140.5	146.5	336.0	132.0	159.8	315.7	122.8	174.7	293.9	112.9	191.3	270.2	107.6	200.2	257.5
	30RB150	159.8	166.2	382.2	150.1	181.3	359.0	139.5	198.1	333.7	127.9	216.7	306.0	121.6	226.6	291.0
	30RB160	168.8	174.7	403.8	158.9	190.5	380.1	148.0	208.2	354.2	136.1	227.7	325.6	129.6	238.2	310.1
	30RB170	183.8	192.9	439.7	172.8	210.4	413.4	160.9	230.0	384.9	147.9	251.6	353.7	140.7	263.2	336.7
	30RB190	208.0	219.5	497.4	195.6	239.1	468.0	182.3	261.2	436.0	167.7	285.6	401.2	159.9	298.7	382.4
	30RB210	222.9	230.4	533.1	209.6	251.4	501.4	195.2	274.8	467.1	179.4	300.7	429.3	170.9	314.6	408.8
	30RB225	236.6	248.3	566.0	222.7	271.1	532.6	207.3	296.4	495.5	190.4	324.4	455.4	181.2	339.4	433.6
	30RB250	262.3	276.0	627.6	246.9	301.1	590.7	230.2	329.2	550.7	211.6	360.2	506.3	201.6	376.7	482.4
	30RB275	286.9	301.6	686.2	270.0	328.9	645.9	251.7	359.4	602.2	231.8	393.2	554.4	220.9	411.2	528.5
	30RB300	311.5	328.8	745.1	293.2	358.4	701.3	273.4	391.5	654.0	251.8	428.2	602.4	240.2	447.9	574.5
	30RB315	337.6	349.5	807.6	317.8	381.0	760.2	296.1	416.3	708.3	272.2	455.4	651.2	259.3	476.4	620.3
	30RB330	352.6	367.6	843.5	331.7	400.9	793.5	309.0	438.2	739.1	284.0	479.3	679.3	270.4	501.4	646.8
	30RB345	367.6	385.8	879.4	345.6	420.8	826.8	321.8	460.0	769.9	295.7	503.3	707.5	281.5	526.4	673.3
30RB360	391.9	412.4	937.2	368.4	449.5	881.4	343.2	491.2	821.0	315.6	537.2	755.0	300.6	561.9	719.1	
30RB390	416.1	438.9	994.9	391.3	478.3	936.0	364.5	522.3	872.0	335.4	571.2	802.4	319.7	597.4	764.9	
48	30RB060	65.5	66.6	156.9	61.6	72.5	147.4	57.4	78.9	137.4	52.7	86.0	126.2	50.2	89.9	120.2
	30RB070	75.9	78.6	181.8	71.3	85.6	170.8	66.5	93.4	159.1	61.3	102.2	146.6	58.4	107.0	139.9
	30RB080	87.7	90.1	209.9	82.3	97.9	196.9	76.3	107.0	182.5	69.6	117.2	166.7	66.1	122.6	158.2
	30RB090	98.9	100.8	236.8	93.0	109.4	222.6	86.7	119.1	207.4	79.8	129.8	191.2	76.1	135.7	182.3
	30RB100	109.2	112.8	261.5	102.7	122.6	245.8	95.8	133.6	229.2	88.3	146.0	211.3	84.2	152.8	201.6
	30RB110	120.4	124.8	288.2	113.1	135.8	270.8	105.3	148.1	252.1	96.9	162.1	232.0	92.4	169.6	221.2
	30RB120	135.0	138.6	323.2	126.9	151.1	303.9	118.4	165.1	283.4	109.1	180.5	261.1	104.0	188.7	249.1
	30RB130	145.6	148.0	348.4	136.8	161.4	327.5	127.4	176.4	304.9	117.2	193.0	280.5	111.7	202.0	267.3
	30RB150	165.8	168.2	396.9	155.8	183.4	373.0	144.9	200.4	346.8	132.9	219.0	318.1	126.4	229.0	302.6
	30RB160	175.1	176.5	419.1	164.9	192.4	394.6	153.8	210.2	368.0	141.4	229.8	338.5	134.7	240.3	322.5
	30RB170	190.7	195.1	456.4	179.3	212.7	429.2	167.0	232.4	399.7	153.6	254.1	367.6	146.2	265.7	349.9
	30RB190	215.7	221.8	516.4	202.9	241.6	485.3	189.1	263.8	452.6	174.0	288.3	416.6	165.9	301.4	397.1
	30RB210	231.2	233.0	553.5	217.7	254.1	521.0	202.7	277.6	485.0	186.4	303.7	446.2	177.6	317.6	425.0
	30RB225	245.5	251.3	587.7	231.1	274.2	553.2	215.3	299.7	515.2	197.8	327.8	473.4	188.3	342.8	450.7
	30RB250	272.2	279.2	651.5	256.2	304.4	613.3	238.9	332.7	571.8	219.8	363.8	526.1	209.4	380.5	500.8
	30RB275	297.6	305.0	712.2	280.1	332.4	670.4	261.2	363.1	625.2	240.5	397.0	575.7	229.3	415.1	549.0
	30RB300	323.1	332.4	772.9	304.1	362.1	727.9	283.6	395.4	678.4	261.3	432.3	625.5	249.2	452.0	596.6
	30RB315	350.2	353.1	838.2	329.7	384.8	789.3	307.5	420.3	736.1	282.8	459.6	676.9	269.4	480.6	644.9
	30RB330	365.8	371.6	875.5	344.2	405.1	823.8	320.7	442.5	767.8	295.0	483.9	706.1	280.9	506.0	672.4
	30RB345	381.4	390.1	912.9	358.6	425.4	858.3	334.0	464.7	799.4	307.1	508.3	735.2	292.4	531.5	699.8
30RB360	406.4	416.9	972.8	382.2	454.3	914.4	356.1	496.1	852.3	327.6	542.4	784.2	312.1	567.2	747.0	
30RB390	431.5	443.7	1032.7	405.8	483.2	970.5	378.1	527.5	905.2	348.1	576.6	833.2	331.8	602.8	794.2	
50	30RB060	67.9	67.6	162.7	63.8	73.4	152.9	59.5	80.0	142.4	54.8	87.1	131.1	52.2	90.9	125.1
	30RB070	78.6	79.7	188.2	73.8	86.8	176.8	68.8	94.6	164.8	63.4	103.3	151.9	60.5	108.0	145.1
	30RB080	90.7	91.8	217.1	85.2	99.7	204.0	79.2	108.4	189.8	72.5	118.6	173.6	68.8	124.0	164.8
	30RB090	102.4	102.2	245.2	96.3	110.9	230.6	89.8	120.6	214.9	82.7	131.3	198.1	79.0	137.0	189.1
	30RB100	113.0	114.3	270.7	106.3	124.3	254.5	99.1	135.4	237.3	91.4	147.5	218.9	87.2	154.1	209.0
	30RB110	124.6	126.8	298.3	117.1	138.0	280.3	109.0	150.3	261.2	100.3	163.9	240.3	95.7	171.5	229.1
	30RB120	139.6	140.3	334.4	131.3	152.9	314.5	122.5	166.9	293.4	112.9	182.4	270.4	107.7	190.7	258.1
	30RB130	150.8	149.6	361.2	141.8	163.0	339.5	132.0	178.1	316.2	121.5	194.8	291.0	115.8	203.8	277.5
	30RB150	172.1	170.4	412.1	161.7	185.6	387.3	150.5	202.7	360.4	138.0	221.4	330.6	131.3	231.4	314.5
	30RB160	181.6	178.4	434.9	171.0	194.4	409.6	159.5	212.2	382.1	146.9	231.9	351.7	139.9	242.5	335.1
	30RB170	197.7	197.4	473.5	186.0	215.0	445.4	173.2	234.8	414.9	159.3	256.7	381.6	151.8	268.4	363.5
	30RB190	223.7	224.3	535.7	210.4	244.2	503.8	196.1	266.4	469.6	180.5	291.0	432.3	172.1	304.2	412.2
	30RB210	239.8	235.6	574.3	225.9	256.9	541.0	210.5	280.6	503.8	193.6	306.7	463.5	184.4	320.7	441.6
	30RB225	254.7	254.3	609.4	239.8	277.4	574.2	223.5	303.1	535.2	205.3	331.3	491.4	195.6	346.4	468.3
	30RB250	282.3	282.5	675.5	265.8	307.9	636.2	247.8	336.3	593.5	228.1	367.6	546.4	217.4	384.3	520.6
	30RB275	308.6	308.5	738.6	290.5	336.0	695.8	270.9	366.9	648.5	249.5	400.9	597.6	238.0	419.1	569.9
	30RB300	335.1	336.1	802.3	315.4	366.0	755.1	294.2	399.5	704.2	271.1	436.5	648.7	258.6	456.3	619.3
	30RB315	363.2	356.8	869.9	342.1	388.8	819.3	319.1	424.5	764.2	293.7	463.9	703.4	279.9	485.0	670.3
	30RB330	379.3	375.8	908.5	357.0	409.4	855.0	332.8	447.1	797.0	306.2	488.6	733.4	291.7	510.9	698.7
	30RB345	395.4	394.9	947.1	371.9	430.1	890.8	346.5	469.6	829.8	318.7	513.4	763.3	303.6	536.7	727.0
30RB360	421.4	421.7	1009.2	396.3	459.2	949.2	369.3	501.3	884.5	339.9	547.7	814.0	323.9	572.6	775.7	
30RB390	447.4	448.6	1071.4	420.8	488.3	1007.7	392.1	532.9	939.2	361.0	582.1	864.6	344.2	608.5	824.3	

LEGEND

LCWT — Leaving Chilled Water Temperature

NOTE: Ratings are for standard chillers with no options.



30RB PACKAGED AIR-COOLED CHILLER RATINGS TABLE — ENGLISH (cont)

LCWT (F)	UNIT SIZE	CONDENSER ENTERING AIR TEMPERATURE (F)														
		85			95			105			115			120		
		Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)	Cap. (Tons)	Input kW	Cooler Flow Rate (gpm)
55	30RB060	74.0	70.0	177.4	69.6	76.0	166.8	64.8	82.6	155.6	59.6	89.8	149.5	56.8	93.6	147.1
	30RB070	85.4	82.6	204.8	80.3	89.8	192.5	74.8	97.8	179.5	69.0	106.6	165.5	65.9	111.3	158.0
	30RB080	98.4	96.5	235.9	92.4	104.5	221.5	85.9	113.3	209.0	78.6	122.6	207.5	74.7	127.4	208.0
	30RB090	111.5	106.0	267.3	104.8	114.9	251.3	97.6	124.7	240.0	89.8	135.4	228.5	85.6	141.1	222.2
	30RB100	122.8	118.5	294.5	115.5	128.7	277.0	107.7	140.0	258.4	99.4	152.4	238.4	94.9	158.9	227.6
	30RB110	135.3	132.3	324.5	127.2	143.8	305.0	118.6	156.4	284.4	109.1	170.1	268.3	103.9	177.3	260.9
	30RB120	151.4	145.2	363.1	142.7	157.6	342.1	133.0	171.8	322.9	122.4	187.4	306.4	116.8	195.6	297.5
	30RB130	163.8	154.6	392.8	154.5	167.5	370.5	144.2	182.6	345.7	132.8	199.5	318.5	126.7	208.5	303.8
	30RB150	186.1	179.9	446.1	175.6	194.2	421.0	164.4	209.7	394.2	150.8	227.4	382.0	143.0	237.2	381.7
	30RB160	198.7	183.4	476.4	186.7	199.5	456.9	173.7	217.4	435.8	159.7	237.2	413.2	152.2	247.8	401.1
	30RB170	215.1	205.4	515.7	202.6	222.8	485.6	189.1	241.8	457.6	173.9	263.1	434.2	165.5	274.8	421.7
	30RB190	244.5	230.8	586.3	230.1	251.0	551.7	214.5	273.6	514.3	197.6	298.4	473.7	188.4	311.7	451.8
	30RB210	260.1	246.7	623.7	245.8	266.9	589.4	230.1	289.0	555.8	211.6	314.7	522.9	201.2	328.5	511.9
	30RB225	275.6	268.1	661.0	260.5	289.4	624.6	244.3	312.6	586.2	225.2	340.6	540.1	214.5	355.7	518.4
	30RB250	306.7	295.1	735.6	289.4	319.6	694.0	270.8	346.7	649.4	249.9	377.5	599.1	238.0	394.2	578.5
	30RB275	336.4	320.4	806.7	317.0	347.5	760.3	296.2	377.6	710.4	273.2	411.4	656.4	260.4	429.6	632.7
	30RB300	366.5	346.0	879.0	345.3	376.4	827.9	322.1	410.3	771.9	296.9	447.6	711.9	283.3	467.6	678.8
	30RB315	397.5	366.8	952.8	373.4	398.9	913.8	347.5	434.8	871.5	319.4	474.4	826.4	304.3	495.6	802.2
	30RB330	413.8	388.8	992.1	389.3	422.3	945.2	362.9	459.2	893.4	333.6	500.3	847.4	317.7	522.6	822.8
	30RB345	430.2	410.9	1031.4	405.2	445.6	971.3	378.3	483.6	915.3	347.8	526.3	868.4	331.0	549.6	843.4
30RB360	459.6	436.3	1102.0	432.7	473.8	1037.4	403.6	515.4	972.0	371.4	561.6	907.9	353.9	586.5	873.5	
30RB390	489.0	461.7	1172.6	460.2	502.1	1103.5	429.0	547.1	1028.7	395.1	596.8	947.4	376.8	623.4	903.5	
60	30RB060	75.9	70.8	182.3	71.0	76.7	170.3	65.7	83.1	157.7	60.1	90.1	144.3	57.2	93.9	137.2
	30RB070	89.2	84.2	214.0	83.3	91.2	199.8	77.1	99.1	185.0	70.5	107.6	169.3	67.1	112.1	161.0
	30RB080	99.6	97.2	239.0	92.9	105.0	223.1	86.0	113.4	206.4	78.6	122.6	188.7	74.7	127.4	179.4
	30RB090	115.0	107.5	276.0	107.4	116.2	257.9	99.5	125.7	238.8	91.0	136.2	218.5	86.6	141.7	207.8
	30RB100	128.2	120.9	307.7	119.7	130.8	287.4	110.9	141.7	266.0	101.5	153.6	243.5	96.5	160.0	231.6
	30RB110	139.5	134.6	334.7	130.1	145.6	312.2	120.3	157.6	288.6	109.9	170.8	263.7	104.4	177.6	250.5
	30RB120	159.1	150.3	381.7	148.9	161.9	357.3	138.3	174.7	331.9	126.6	189.3	303.9	120.3	197.3	288.6
	30RB130	172.2	159.1	413.4	161.2	171.6	386.8	149.5	185.4	358.9	136.7	201.2	328.2	129.8	210.0	311.4
	30RB150	189.1	182.1	453.8	177.2	195.5	425.3	164.8	210.1	395.5	150.8	227.4	362.0	143.0	237.2	343.3
	30RB160	206.1	186.6	494.7	192.8	201.6	462.7	178.3	219.2	427.8	162.8	238.5	390.7	154.6	248.9	370.9
	30RB170	223.0	209.2	535.3	208.9	225.2	501.3	193.6	243.6	464.6	176.9	264.5	424.5	167.9	275.9	402.9
	30RB190	256.9	236.4	616.5	240.4	254.7	577.0	222.2	276.6	533.4	202.9	300.8	487.0	192.7	313.7	462.4
	30RB210	266.5	250.9	639.7	249.6	269.8	599.1	231.9	290.6	556.5	212.1	314.9	509.1	201.2	328.5	483.0
	30RB225	283.4	273.8	680.2	265.6	293.7	637.6	247.2	315.3	593.2	226.2	341.0	542.9	214.5	355.7	514.8
	30RB250	319.6	302.2	766.9	299.4	324.7	718.6	277.8	350.3	666.7	254.2	379.4	610.0	241.1	395.7	578.7
	30RB275	353.4	328.7	848.2	331.2	353.2	794.8	306.7	382.0	736.2	280.4	414.5	672.9	266.1	432.2	638.7
	30RB300	388.0	355.8	931.2	363.4	383.0	872.2	336.0	415.7	806.4	306.8	452.0	736.3	291.3	471.3	699.2
	30RB315	412.2	373.2	989.3	385.6	403.3	925.3	356.5	438.4	855.6	325.5	477.1	781.3	309.1	497.8	741.9
	30RB330	429.1	395.8	1029.9	401.6	426.8	963.9	371.8	462.7	892.4	339.7	503.0	815.2	322.4	524.8	773.8
	30RB345	446.1	418.5	1070.6	417.7	450.3	1002.6	387.1	487.1	929.1	353.8	528.9	849.0	335.7	551.8	805.7
30RB360	479.9	445.7	1151.8	449.3	479.9	1078.3	415.8	520.2	997.9	379.8	565.2	911.5	360.5	589.5	865.2	
30RB390	513.7	472.8	1233.0	480.8	509.4	1154.0	444.5	553.2	1066.8	405.8	601.5	974.0	385.3	627.3	924.7	

LEGEND

LCWT — Leaving Chilled Water Temperature

NOTE: Ratings are for standard chillers with no options.



30RB ELECTRICAL DATA — SINGLE POINT UNITS (cont)

UNIT 30RB	UNIT VOLTAGE		7.5 HP PUMP, 1750/3450 RPM				10 HP PUMP, 3450 RPM				15 HP PUMP, 3450 RPM				
	V-Hz (3 Ph)	Supplied		MCA	MOCP	ICF	Rec Fuse	MCA	MOCP	ICF	Rec Fuse	MCA	MOCP	ICF	Rec Fuse
		Min	Max	XL	XL	XL	Size	XL	XL	XL	Size	XL	XL	XL	Size
060	208/230-60	187	253	317.2	350	708.5	350	325.1	400	716.4	350	—	—	—	—
	380-60	342	418	165.0	200	376.9	175	169.3	200	381.3	200	—	—	—	—
	460-60	414	506	139.5	150	313.6	150	143.1	175	317.2	175	—	—	—	—
	575-60	518	633	111.7	125	254.0	125	114.6	125	256.9	125	—	—	—	—
070	208/230-60	187	253	360.4	450	802.7	400	368.3	450	810.6	400	—	—	—	—
	380-60	342	418	189.5	225	442.8	225	193.9	225	447.2	225	—	—	—	—
	460-60	414	506	159.5	200	367.5	175	163.1	200	371.1	175	—	—	—	—
	575-60	518	633	129.0	150	296.7	150	131.9	150	299.6	150	—	—	—	—
080	208/230-60	187	253	392.2	450	783.5	450	400.1	450	791.4	450	416.3	450	807.6	450
	380-60	342	418	203.4	225	415.3	225	207.7	225	419.7	225	216.6	250	428.5	250
	460-60	414	506	172.2	200	346.3	200	175.8	200	349.9	200	183.1	200	357.2	200
	575-60	518	633	137.9	150	280.2	150	140.8	150	283.1	150	146.6	150	288.9	150
090	208/230-60	187	253	459.3	500	901.6	500	467.2	500	909.5	500	483.4	500	925.7	500
	380-60	342	418	241.0	250	494.3	250	245.3	250	498.7	250	254.2	300	507.5	300
	460-60	414	506	203.0	225	411.0	225	206.6	225	414.6	225	213.9	250	421.9	225
	575-60	518	633	163.9	175	331.5	175	166.8	200	334.4	200	172.6	200	340.2	200
100	208/230-60	187	253	497.7	500	940.0	500	505.6	600	947.9	600	521.8	600	964.1	600
	380-60	342	418	262.8	300	516.1	300	267.1	300	520.5	300	276.0	300	529.3	300
	460-60	414	506	220.8	250	428.8	250	224.4	250	432.4	250	231.7	250	439.7	250
	575-60	518	633	179.3	200	346.9	200	182.2	200	349.8	200	188.0	200	355.6	200
110	208/230-60	187	253	534.3	600	976.6	600	542.2	600	984.5	600	558.4	600	1000.7	600
	380-60	342	418	279.4	300	532.7	300	283.7	300	537.1	300	292.6	300	545.9	300
	460-60	414	506	235.7	250	443.7	250	239.3	250	447.3	250	246.6	250	454.6	250
	575-60	518	633	190.1	200	357.7	200	193.0	225	360.6	225	198.8	225	366.4	225
120	208/230-60	187	253	603.8	700	1046.1	600	611.8	700	1054.0	700	627.9	700	1070.2	700
	380-60	342	418	318.6	350	572.0	350	323.0	350	576.4	350	331.8	350	585.2	350
	460-60	414	506	267.8	300	425.8	300	271.4	300	479.4	300	278.7	300	486.7	300
	575-60	518	633	217.5	250	385.1	250	220.4	250	388.0	250	226.2	250	393.8	250
130	208/230-60	187	253	652.3	700	1094.6	700	660.3	700	1102.5	700	676.4	700	1118.7	700
	380-60	342	418	341.8	350	595.1	350	346.1	350	599.5	350	355.0	400	608.3	400
	460-60	414	506	288.1	300	496.1	300	291.7	300	499.7	300	299.0	300	507.0	300
	575-60	518	633	232.6	250	400.3	250	235.5	250	403.2	250	241.3	250	409.0	250
150	208/230-60	187	253	709.9	800	1152.2	800	717.9	800	1160.1	800	734.0	800	1176.3	800
	380-60	342	418	374.5	400	627.8	400	378.8	400	632.2	400	387.7	400	641.0	400
	460-60	414	506	314.8	350	522.8	350	318.4	350	526.4	350	325.7	350	533.7	350
	575-60	518	633	255.7	300	423.4	300	258.6	300	426.3	300	264.4	300	432.1	300
160	208/230-60	187	253	770.4	800	1212.7	800	778.4	800	1220.6	800	794.5	800	1236.8	800
	380-60	342	418	404.1	450	657.5	450	408.5	450	661.9	450	417.3	450	670.7	450
	460-60	414	506	340.5	350	548.5	350	344.1	350	552.1	350	351.4	400	559.4	400
	575-60	518	633	275.2	300	442.8	300	278.0	300	445.7	300	283.9	300	451.5	300
170	208/230-60	187	253	828.0	1000	1270.3	1000	836.0	1000	1278.2	1000	852.1	1000	1294.4	1000
	380-60	342	418	436.8	450	690.2	450	441.2	450	694.6	450	450.0	500	703.4	500
	460-60	414	506	367.2	400	575.2	400	370.8	400	578.8	400	378.1	400	586.1	400
	575-60	518	633	298.3	300	465.9	300	301.1	350	468.8	350	307.0	350	474.6	350
190	208/230-60	187	253	946.1	1000	1388.4	1000	954.1	1000	1396.3	1000	970.2	1000	1412.5	1000
	380-60	342	418	499.2	500	752.5	500	503.6	600	756.9	600	512.4	600	765.7	600
	460-60	414	506	419.6	450	627.6	450	423.2	450	631.2	450	430.5	450	638.5	450
	575-60	518	633	340.8	350	508.4	350	343.7	350	511.3	350	349.5	350	517.1	350

LEGEND

ICF — Instantaneous Current Flow **MOCP** — Maximum Overcurrent Protection
MCA — Minimum Circuit Amps **XL** — Across-the-Line Start

NOTES:

- Units are suitable for use on electrical systems where voltage supplied to the unit terminals is not below or above the listed minimum and maximum limits. Maximum allowable phase imbalance is: voltage, 2%; amps 10%.
- All units and modules have single point primary power connection. (Each unit or module requires its own power supply.) Main power must be supplied from a field-supplied disconnect.
- Cooler heater is wired into the control circuit so it is always operable as long as the power supply disconnect is on, even if any safety device is open.
- For MCA that is less than or equal to 380 amps, 3 conductors are required.
 For MCA between 381 and 760 amps, 6 conductors are required.
 For MCA between 761 and 1140 amps, 9 conductors are required.
 For MCA between 1141 and 1520 amps, 12 conductors are required.
 Calculation of conductors required is based on 75 C copper wire.

- Wiring for main field supply must be rated 75 C minimum. Use copper for all units.
 - Incoming wire size range for the terminal block is no. 4 AWG (American Wire Gage) to 500 kcmil.
 - Incoming wire size range of non-fused disconnect with MCA up to 599.9 amps is 3/0 to 500 kcmil.
 - Incoming wire size range of non-fused disconnect with MCA from 600 to 799.9 amps is 1/0 to 500 kcmil.
 - Incoming wire size range of non-fused disconnect with MCA from 800 to 1199.9 amps is 250 kcmil to 500 kcmil.
- Hydronic pump packages are not available as a factory-installed option for units 30RB210-390.
- Power draw includes both crankcase heaters and cooler heaters (where used). Each compressor has a crankcase heater which draws 56 watts of power. Units ordered with the cooler heater option have 1 (060-150) or 2 (160-300) cooler heaters, 825 watts each.



208/230
460
575 v only