



Product Data

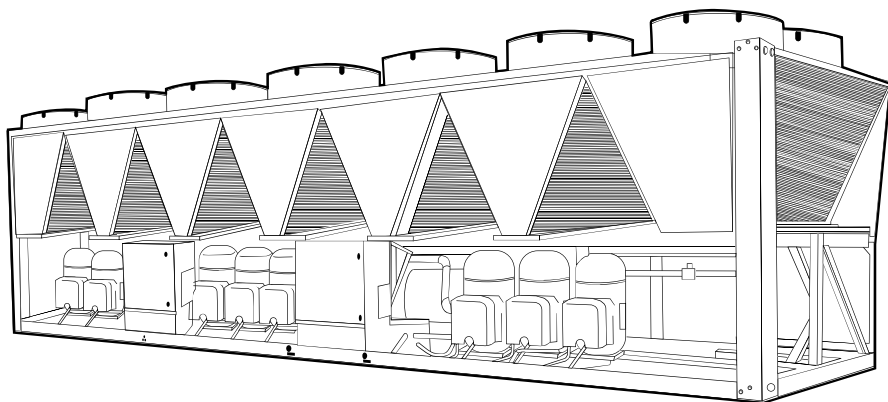
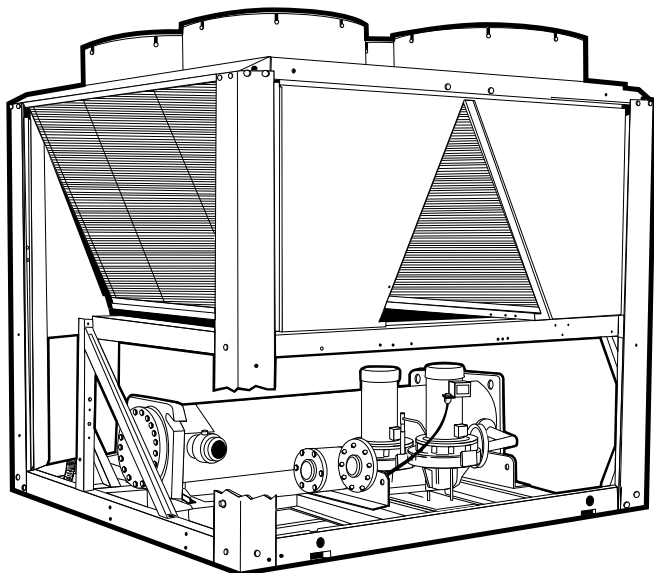
AQUASNAP® 30RB060-390 Air-Cooled Chillers

60 to 390 Nominal Tons
(210 to 1370 kW)

AQUASNAP®

Model #: 30RBA0606C-593-C
Serial #: 3108Q70364

Year: 2008
Size: 60 Tons



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.

L: 7' 11"
W: 7' 5"
H: 7' 7"


Puron®
the environmentally sound refrigerant

**ASHRAE
90.1
COMPLIANT**

Shipping Weight: 5,000 lbs.
Operating Weight: 3,783 lbs.

Model number nomenclature



30RB A 060 6 C - 5 9 3 - C

● 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, Cmptr Enclosures
- 7 – Copper Fin / Copper Tube, Cmptr Enclosures
- 8 – Aluminum Pre-Coat Fin / Copper Tube, Cmptr Enclosures
- 9 – Aluminum E-Coat Fin / Copper Tube, Cmptr Enclosures
- B – Copper E-Coat Fin / Copper Tube, Cmptr Enclosures
- C – Microchannel (MCHX), Cmptr Enclosures
- D – E-Coat, Microchannel, Cmptr 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.



Physical data



30RB060-300 — ENGLISH

UNIT 30RB	060	070	080	090	100	110	120	130	150
OPERATING WEIGHT (lb)*									
Al-Cu Condenser Coil	4111	4317	4600	5932	6155	6519	7690	8045	9174
Cu-Cu Condenser Coil	4593	4799	5082	6656	6879	7243	8534	9010	10139
MCHX Condenser Coil	3783	3978	4267	5449	5663	6027	7119	7402	8517
REFRIGERANT TYPE	R-410A, EXV Controlled System								
Refrigerant Charge (lb)	89.5/40.5/—	112/40.5/—	68.5/68.5/—	94/76/—	94/96/—	94/106/—	94/133/—	133/106/—	133/133/—
Std Coil, Ckt A/Ckt B/Ckt C	43/21/—	43/21/—	34/36/—	42/43/—	42/43/—	42/56/—	42/61/—	58/47/—	60/66/—
MCHX Coil, Ckt A/Ckt B/Ckt C									
COMPRESSORS	Scroll, Hermetic								
Quantity	3	3	4	4	4	5	5	6	6
Speed (rpm)	3500								
Qty) Compressor Model Number Ckt A	(2) SH240	(2) SH300	(2) SH240	(2) SH300	(2) SH300	(2) SH300	(2) SH300	(3) SH300	(3) SH300
Qty) Compressor Model Number Ckt B	(1) SH240	(1) SH240	(2) SH240	(2) SH240	(2) SH300	(3) SH240	(3) SH300	(3) SH240	(3) SH300
Qty) Compressor Model Number Ckt C	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oil Charge (Pt, Ckt A/Ckt B/Ckt C)	26.2/13.1/—	26.2/13.1/—	26.2/26.2/—	26.2/26.2/—	26.2/26.2/—	26.2/39.4/—	26.2/39.4/—	39.4/39.4/—	39.4/39.4/—
No. Capacity Steps									
Standard	3	3	4	4	4	5	5	6	6
Optional (Maximum)	4	4	5	5	5	6	6	7	7
Minimum Capacity Step (%)									
Standard	33	29	25	22	25	18	20	15	17
Optional	22	19	16	14	18	12	14	10	12
Capacity (%)									
Ckt A	67	71	50	56	50	45	40	56	50
Ckt B	33	29	50	44	50	55	60	44	50
Ckt C	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
COOLER	Direct Expansion, Shell and Tube Type								
Weight (empty, lb)	715	715	856	856	856	970	970	970	1518
Net Fluid Volume (gal)	28.2	28.2	31.3	31.3	31.3	45.8	45.8	45.8	73.5
Maximum Refrigerant Pressure (psig)	445	445	445	445	445	445	445	445	445
Maximum Water-Side Pressure without Pumps (psig)	300	300	300	300	300	300	300	300	300
Maximum Water-Side Pressure with Pumps (psig)	150	150	150	150	150	150	150	150	150
COOLER WATER CONNECTIONS (in.)									
Inlet and Outlet, Victaulic	4	4	4	4	4	6	6	6	6
Drain (NPT)	3/8	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
CONDENSER FANS	Shrouded Axial Type, Vertical Discharge								
Standard Low Noise Type									
Fan Speed (rpm) Standard	1140	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	9...30
No. Fans (Ckt A/Ckt B/Ckt C)	3/1/—	3/1/—	2/2/—	3/3/—	3/3/—	3/3/—	3/4/—	4/4/—	4/4/—
Total Airflow (cfm)	49,600	49,600	49,600	74,400	74,400	74,400	86,800	99,200	99,200
CONDENSER COILS									
No. Coils (Ckt A/Ckt B/Ckt C)	3/1/—	3/1/—	2/2/—	3/3/—	3/3/—	3/3/—	3/4/—	4/4/—	4/4/—
Total Face Area (sq ft)	94	94	94	141	141	141	164	188	188
Max Working Refrigerant Pressure (psig)	656	656	656	656	656	656	656	656	656
OPTIONAL HEAT RECOVERY CONDENSER	Flooded, Shell and Tube Type								
Weight (lb) (empty)	753	753	753	872	872	872	1236	1236	1236
Net Fluid Volume (gal)	8.0	8.0	8.0	10.0	10.0	10.0	15.1	15.1	15.1
Maximum Refrigerant Pressure (psig)	656	656	656	656	656	656	656	656	656
Maximum Water-Side Pressure (psig)	300	300	300	300	300	300	300	300	300
Water Connections (in.)									
Inlet and Outlet, Victaulic	3	3	3	3	3	3	5	5	5
Drain (NPT)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
HYDRONIC MODULE (Optional)	Pump(s) with pressure/temperature taps and combination valve.								
Pump	Single or Dual, 1800 or 3600 rpm								
CHASSIS DIMENSIONS (ft-in.)									
Length	7-11				11-10			15-9	
Width					7-4 ²⁵ / ₃₂				
Height					7-6 ⁷ / ₁₆				

LEGEND

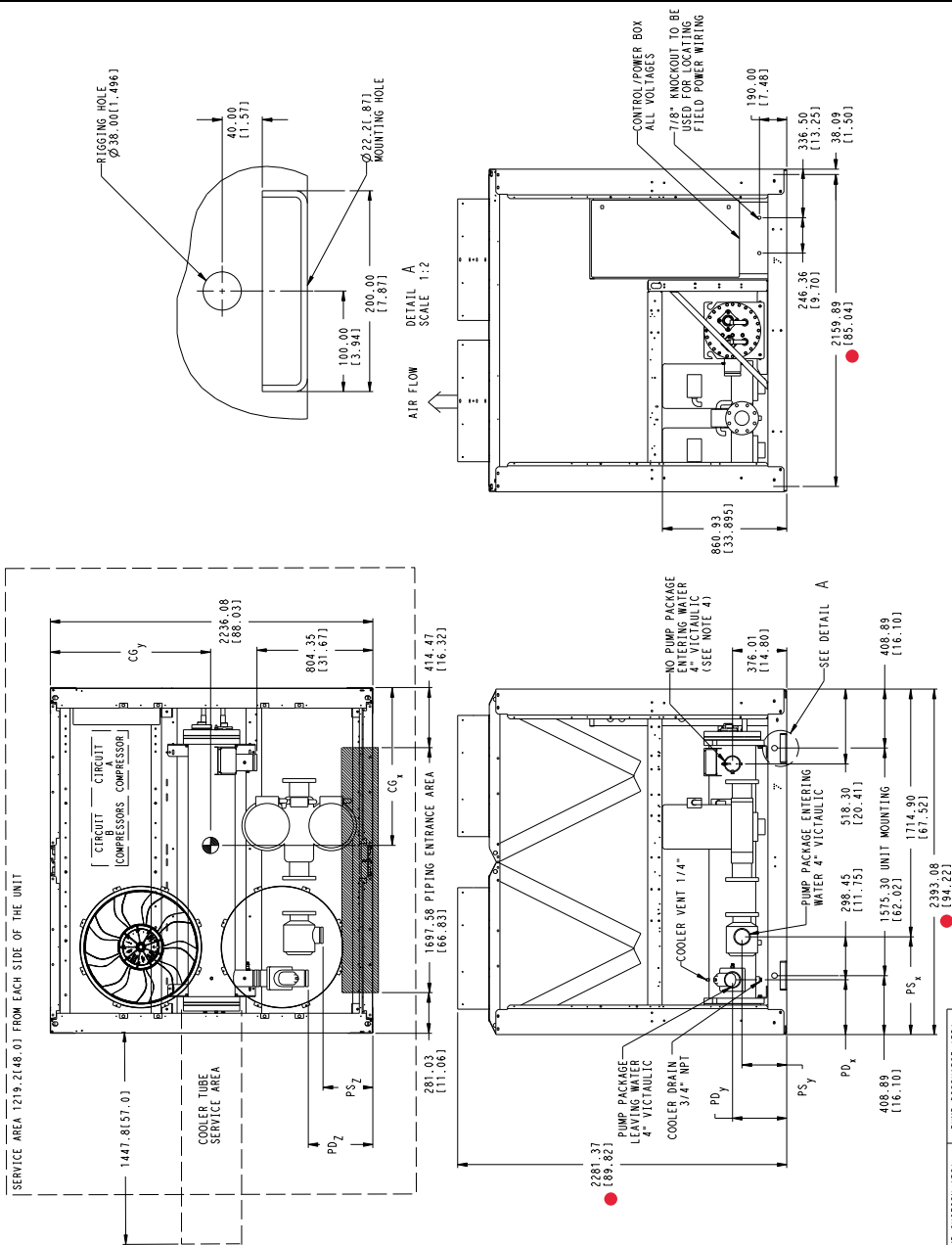
Al-Cu	—	Aluminum Fin/Copper Tube Condenser Coil
Cu-Cu	—	Copper Fin/Copper Tube Condenser Coil
EXV	—	Electronic Expansion Valve
MCHX	—	Microchannel Condenser Coil
N/A	—	Not Applicable

*Operating weight does not include any options.

Dimensions



30RB060, 070 AIR-COOLED CHILLER



NOTES:

1. Unit must have clearances as follows:
 Top — Do not restrict.
 Sides and End — 6" from solid surface.
2. All pumps have drains located at the bottom of volute for draining.
3. Temperature relief devices located on suction line, liquid line and filter drier of each circuit and have $1/4"$ flare connection.
4. Units without a pump package have the same leaving water connection, Y and Z dimensions (entering water), and Pump Discharge X dimensions as units with a pump package.
5. Dimensions are in mm [inches].

WEIGHT COAL CU/AL	MAX WEIGHT COAL CU/AL	WEIGHT COAL CU/AL	MAX WEIGHT COAL CU/AL	WEIGHT COAL CU/AL	MAX WEIGHT COAL CU/AL	CENTER OF GRAVITY		PUMP SUCTION (PS)		PUMP DISCHARGE (PD)	
						MM CU/AL	MM CU/AL	X ± Z	Y ± Z	X ± Z	Y ± Z
300B-400	4811	4811	4811	4811	4811	1165	1165	353.1	353.1	381.0	188.0
300B-460	4944	4944	4944	4944	4944	1164	1164	302.9	302.9	492.0	174.1
300B-500	4889	4889	4889	4889	4889	1165	1165	353.1	353.1	381.0	188.0
300B-560	4937	4937	4937	4937	4937	1165	1165	353.1	353.1	381.0	188.0
300B-600	4917	4917	4917	4917	4917	1165	1165	353.1	353.1	381.0	188.0
300B-660	4889	4889	4889	4889	4889	1164	1164	302.9	302.9	492.0	174.1
300B-700	4937	4937	4937	4937	4937	1165	1165	353.1	353.1	381.0	188.0
300B-760	4917	4917	4917	4917	4917	1165	1165	353.1	353.1	381.0	188.0
300B-800	4937	4937	4937	4937	4937	1165	1165	353.1	353.1	381.0	188.0
300B-860	4889	4889	4889	4889	4889	1164	1164	302.9	302.9	492.0	174.1
300B-900	4937	4937	4937	4937	4937	1165	1165	353.1	353.1	381.0	188.0
300B-960	4917	4917	4917	4917	4917	1165	1165	353.1	353.1	381.0	188.0
300B-1000	4937	4937	4937	4937	4937	1165	1165	353.1	353.1	381.0	188.0

MCHX — Microchannel Condenser Coil

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	942.5	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
60	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
	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

UNIT 30RB	UNIT VOLTAGE			NO HYDRONIC PACKAGE				3 HP PUMP, 1750 RPM				5 HP PUMP, 1750 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	291.5	350	682.8	350	302.4	350	693.6	350	309.2	350	700.5	350
	380-60	342	418	150.9	175	362.9	175	156.9	175	368.8	175	160.6	175	372.6	175
	460-60	414	506	127.9	150	302.0	150	132.8	150	306.9	150	135.9	150	310.0	150
	575-60	518	633	102.4	125	244.7	110	106.4	125	248.6	125	108.8	125	251.1	125
070	208/230-60	187	253	334.7	400	777.0	400	345.6	400	787.8	400	352.4	400	794.7	400
	380-60	342	418	175.5	200	428.8	200	181.4	225	434.7	200	185.2	225	438.5	200
	460-60	414	506	147.9	175	355.9	175	152.8	175	360.8	175	155.9	175	363.9	175
	575-60	518	633	119.8	150	287.4	150	123.7	150	291.3	150	126.2	150	293.8	150
080	208/230-60	187	253	366.5	400	757.8	400	—	—	—	—	384.2	450	775.5	450
	380-60	342	418	189.3	225	401.3	200	—	—	—	—	199.0	225	411.0	225
	460-60	414	506	160.6	175	334.7	175	—	—	—	—	168.6	200	342.7	200
	575-60	518	633	128.6	150	270.9	150	—	—	—	—	135.0	150	277.3	150
090	208/230-60	187	253	433.6	500	875.9	500	—	—	—	—	451.3	500	893.6	500
	380-60	342	418	226.9	250	480.3	250	—	—	—	—	236.6	250	490.0	250
	460-60	414	506	191.4	225	399.4	225	—	—	—	—	199.4	225	407.4	225
	575-60	518	633	154.6	175	322.2	175	—	—	—	—	161.0	175	328.6	175
100	208/230-60	187	253	472.0	500	914.3	500	—	—	—	—	489.7	500	932.0	500
	380-60	342	418	248.7	250	502.1	250	—	—	—	—	258.4	300	511.8	300
	460-60	414	506	209.2	250	417.2	225	—	—	—	—	217.2	250	425.2	250
	575-60	518	633	170.0	200	337.6	200	—	—	—	—	176.4	200	344.0	200
110	208/230-60	187	253	508.6	600	950.9	600	—	—	—	—	526.3	600	968.6	600
	380-60	342	418	265.3	300	518.7	300	—	—	—	—	275.0	300	528.4	300
	460-60	414	506	224.1	250	432.1	250	—	—	—	—	232.1	250	440.1	250
	575-60	518	633	180.8	200	348.4	200	—	—	—	—	187.2	200	354.8	200
120	208/230-60	187	253	578.1	600	1020.4	600	—	—	—	—	595.8	600	1038.1	700
	380-60	342	418	304.6	350	538.0	350	—	—	—	—	314.3	350	567.6	350
	460-60	414	506	256.2	300	464.2	300	—	—	—	—	264.2	300	472.2	300
	575-60	518	633	208.2	225	325.8	225	—	—	—	—	214.6	225	382.2	250
130	208/230-60	187	253	626.7	700	1068.9	700	—	—	—	—	644.4	700	1086.6	700
	380-60	342	418	327.7	350	581.1	350	—	—	—	—	337.4	350	590.8	350
	460-60	414	506	276.5	300	484.5	300	—	—	—	—	284.5	300	492.5	300
	575-60	518	633	223.3	250	391.0	250	—	—	—	—	229.7	250	397.4	250
150	208/230-60	187	253	684.3	700	1126.5	700	—	—	—	—	702.0	800	1144.2	800
	380-60	342	418	360.4	400	613.8	400	—	—	—	—	370.1	400	623.5	400
	460-60	414	506	303.2	350	511.2	350	—	—	—	—	311.2	350	519.2	350
	575-60	518	633	246.4	250	414.1	250	—	—	—	—	252.8	300	420.5	300
160	208/230-60	187	253	744.8	800	1187.0	800	—	—	—	—	762.5	800	1204.7	800
	380-60	342	418	390.1	400	643.5	400	—	—	—	—	399.8	400	653.2	400
	460-60	414	506	328.9	350	536.9	350	—	—	—	—	336.9	350	544.9	350
	575-60	518	633	265.9	300	433.5	300	—	—	—	—	272.3	300	439.9	300
170	208/230-60	187	253	802.4	1000	1244.6	1000	—	—	—	—	820.1	1000	1262.3	1000
	380-60	342	418	422.8	450	676.2	450	—	—	—	—	432.5	450	685.9	450
	460-60	414	506	355.6	400	563.6	400	—	—	—	—	363.6	400	571.6	400
	575-60	518	633	289.0	300	456.6	300	—	—	—	—	295.4	300	463.0	300
190	208/230-60	187	253	920.5	1000	1362.7	1000	—	—	—	—	938.2	1000	1380.4	1000
	380-60	342	418	485.2	500	738.5	500	—	—	—	—	494.9	500	748.2	500
	460-60	414	506	408.0	450	616.0	450	—	—	—	—	416.0	450	624.0	450
	575-60	518	633	331.5	350	499.1	350	—	—	—	—	337.9	350	505.5	350
210	208/230-60	187	253	—	—	—	—	—	—	—	—	—	—	—	—
	380-60	342	418	501.8	600	755.1	600	—	—	—	—	—	—	—	—
	460-60	414	506	422.9	450	630.9	450	—	—	—	—	—	—	—	—
	575-60	518	633	342.3	350	509.9	350	—	—	—	—	—	—	—	—
225	208/230-60	187	253	—	—	—	—	—	—	—	—	—	—	—	—
	380-60	342	418	534.5	600	787.8	600	—	—	—	—	—	—	—	—
	460-60	414	506	449.6	450	657.6	450	—	—	—	—	—	—	—	—
	575-60	518	633	365.4	400	533.0	400	—	—	—	—	—	—	—	—
250	208/230-60	187	253	—	—	—	—	—	—	—	—	—	—	—	—
	380-60	342	418	596.8	600	850.2	600	—	—	—	—	—	—	—	—
	460-60	414	506	502.0	600	710.0	600	—	—	—	—	—	—	—	—
	575-60	518	633	408.0	450	575.6	450	—	—	—	—	—	—	—	—
275	208/230-60	187	253	—	—	—	—	—	—	—	—	—	—	—	—
	380-60	342	418	659.2	700	912.6	700	—	—	—	—	—	—	—	—
	460-60	414	506	554.4	600	762.4	600	—	—	—	—	—	—	—	—
	575-60	518	633	450.5	500	618.1	500	—	—	—	—	—	—	—	—
300	208/230-60	187	253	—	—	—	—	—	—	—	—	—	—	—	—
	380-60	342	418	721.6	800	975.0	800	—	—	—	—	—	—	—	—
	460-60	414	506	606.8	700	814.8	700	—	—	—	—	—	—	—	—
	575-60	518	633	493.0	500	660.7	500	—	—	—	—	—	—	—	—

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 or 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 Gauge) 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