Carrier®

Product Data

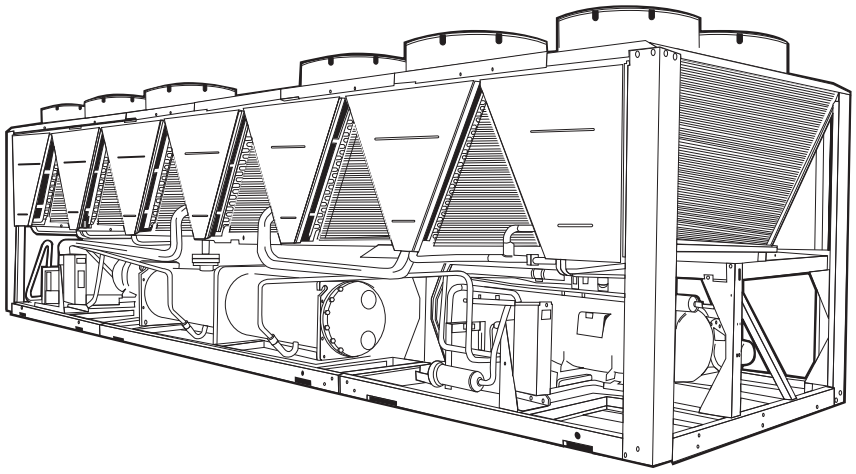
AQUAFORCE® 30XA080-500 Air-Cooled Liquid Chillers

80 to 500 Nominal Tons
(265 to 1615 Nominal kW)

AQUAFORCE®

Model: 30XAA2006L-0FSC3

Year: 2009
Size: 200 Tons



Operating Weight: 12,810 lbs

L: 23' 6"
W: 7' 4"
H: 7' 7"

2006 DEALER DESIGN AWARDS
theNEWS | SILVER

ASHRAE 90.1 COMPLIANT

Well exceeds ASHRAE 90.1 Standards.

AquaForce chillers were designed from the ground up to meet the efficiency demands of today and the future by providing premium air-cooled chiller packages for contractors, consulting engineers and building owners.

- Rotary screw compression
- R-134a HFC refrigerant
- Quiet AeroAcoustic™ fan system
- Novation® heat exchanger technology with microchannel coil
- Easy to use *Comfort*Link™ controls
- Optional integrated hydronic package

Features/Benefits

AquaForce 30XA chillers provide best full load and part load performance in a single chassis from 80 to 500 tons

Premium performance

Aqua series chillers are Carrier's most efficient air-cooled models. The AquaForce chiller is one of the most affordable air-cooled chillers to operate and maintain. The AquaForce chiller offers full load EER (Energy Efficiency Ratio) up to 10.9 and IPLV (Integrated Part-Load Value) up to 15.4 with Novation heat exchanger technology. High-efficiency rotary screw compressors with infinitely variable slide valves allow the chillers to exactly match actual load conditions, delivering exceptional part load performance. The AquaForce chillers deliver superior efficiency through the entire operating range to keep costs and demand charges down. This exceptional performance has a significant impact on energy savings and cost of ownership.

Model number nomenclature

30XA A 200 6 L - 0 F S C 3

30XA A 200 6 F - 0 - - - L

30XA – AquaForce® Air-Cooled Chiller

Design Series

Unit Sizes
080 140 240 350
090 160 260 400
100 180 280 450
110 200 300 500
120 220 325

Voltage
1 – 575-3-60
2 – 380-3-60
4 – 230-3-60
6 – 460-3-60
7 – 200-3-60

Condenser Coil/Ambient/Low Sound Options
- – Aluminum Fin/Copper Tube, High Ambient Temperature
0 – Copper Fin/Copper Tube, High Ambient Temperature
1 – Aluminum Pre-Coat Fin/Copper Tube, High Ambient Temperature
2 – Aluminum E-Coat Fin/Copper Tube, High Ambient Temperature
3 – Copper E-Coat Fin/Copper Tube, High Ambient Temperature
4 – Novation® Heat Exchanger (MCHX), High Ambient Temperature
5 – MCHX E-Coat, High Ambient Temperature
6 – Aluminum Fin/Copper Tube, High Ambient Temperature, Low Sound
7 – Copper Fin/Copper Tube, High Ambient Temperature, Low Sound
8 – Aluminum Pre-Coat Fin/Copper Tube, High Ambient Temperature, Low Sound
9 – Aluminum E-Coat Fin/Copper Tube, High Ambient Temperature, Low Sound
B – Copper E-Coat Fin/Copper Tube, High Ambient Temperature, Low Sound
C – MCHX, High Ambient Temperature, Low Sound
D – MCHX E-Coat, High Ambient Temperature, Low Sound
F – Aluminum Fin/Copper Tube, Standard Ambient Temperature, Low Sound
G – Copper Fin/Copper Tube, Standard Ambient Temperature, Low Sound
H – Aluminum Pre-Coat Fin/Copper Tube, Standard Ambient Temperature, Low Sound
J – Aluminum E-Coated Fin/Copper Tube, Standard Ambient Temperature, Low Sound
K – Copper E-Coat Fin/Copper Tube, Standard Ambient Temperature, Low Sound
L – MCHX, Standard Ambient Temperature, Low Sound
M – MCHX E-Coat, Standard Ambient Temperature, Low Sound
N – Aluminum Fin/Copper Tube, Standard Ambient Temperature
P – Copper Fin/Copper Tube, Standard Ambient Temperature
Q – Aluminum Pre-Coat Fin/Copper Tube, Standard Ambient Temperature
R – Aluminum E-Coat Fin/Copper Tube, Standard Ambient Temperature
S – Copper E-Coat Fin/Copper Tube, Standard Ambient Temperature
T – MCHX, Standard Ambient Temperature
V – MCHX E-Coat, Standard Ambient Temperature

Hydronic Pump Package Options
- – None
1 – Single Pump, 5 HP
2 – Single Pump, 7.5 HP
3 – Single Pump, 10 HP
4 – Single Pump, 15 HP
7 – Dual Pump, 5 HP
8 – Dual Pump, 7.5 HP
B – Dual Pump, 10 HP
C – Dual Pump, 15 HP

Cooler/Brine Options
0 – Integral Cooler with Heater
3 – Integral Cooler with Heater, Minus One Pass
5 – Integral Cooler with Heater, Plus One Pass
7 – Integral Cooler with Heater, Full End Screen
H – Integral Cooler with Heater, Plus One Pass, Brine
K – Integral Cooler with Heater, Minus One Pass, Full End Screen
M – Integral Cooler with Heater, Plus One Pass, Full End Screen
V – Integral Cooler with Heater, Plus One Pass, Brine, Full End Screen

Packaging/Security Options
0 – Coil Face Shipping Protection (CFSP), Skid
1 – CFSP, Skid, Top Crate, Bag
3 – CFSP, Coil Trim Panels
4 – CFSP, Skid, Coil Trim Panels
5 – CFSP, Skid, Top Crate, Bag, Coil Trim Panels
7 – CFSP, Coil Trim Panels, Upper and Lower Grilles
8 – CFSP, Skid, Coil Trim Panels, Upper and Lower Grilles
9 – CFSP, Skid, Top Crate, Bag, Coil Trim Panels, Upper and Lower Grilles
C – CFSP, Trim Panels, Upper and Lower Grilles, Upper Hail Guards
D – CFSP, Skid, Coil Trim Panels, Upper and Lower Grilles, Upper Hail Guards
F – CFSP, Skid, Top Crate, Bag, Trim Panels, Upper and Lower Grilles, Upper Hail Guards
L – CFSP

Controls/Communication Options
- – Navigator™ Display
0 – Navigator Display, EMM
1 – Navigator Display, Service Option
2 – Navigator Display, EMM, Service Option
3 – Touch Pilot™ Display
4 – Touch Pilot Display, EMM
5 – Touch Pilot Display, Service Option
6 – Touch Pilot Display, EMM, Service Option
7 – Navigator Display, BACnet Translator
8 – Navigator Display, BACnet Translator, EMM
9 – Navigator Display, BACnet Translator, Service Option
B – Navigator Display, BACnet Translator, EMM, Service Option
C – Touch Pilot Display, BACnet Translator
D – Touch Pilot Display, BACnet Translator, EMM
F – Touch Pilot Display, BACnet Translator, Service Option
G – Touch Pilot Display, BACnet Translator, EMM, Service Option
H – Navigator Display, LON Translator
J – Navigator Display, LON Translator, EMM
K – Navigator Display, LON Translator, Service Option
L – Navigator Display, LON Translator, EMM, Service Option
M – Touch Pilot Display, LON Translator
N – Touch Pilot Display, LON Translator, EMM
P – Touch Pilot Display, LON Translator, Service Option
Q – Touch Pilot Display, LON Translator, EMM, Service Option

Electrical Options
- – Single Point Power, XL, Terminal Block, No Control Transformer
0 – Single Point Power, Wye-Delta, Terminal Block, No Control Transformer
3 – Dual Point Power, XL, Terminal Block, No Control Transformer
4 – Dual Point Power, Wye-Delta, Terminal Block, No Control Transformer
7 – Single Point Power, XL, Disconnect, No Control Transformer
8 – Single Point Power, Wye-Delta, Disconnect, No Control Transformer
C – Dual Point Power, XL, Disconnect, No Control Transformer
D – Dual Point Power, Wye-Delta, Disconnect, No Control Transformer
H – Single Point Power, XL, Terminal Block, Control Transformer
J – Single Point Power, Wye-Delta, Terminal Block, Control Transformer
M – Dual Point Power, XL, Terminal Block, Control Transformer
N – Dual Point Power, Wye-Delta, Terminal Block, Control Transformer
R – Single Point Power, XL, Disconnect, Control Transformer
S – Single Point Power, Wye-Delta, Disconnect, Control Transformer
W – Dual Point Power, XL, Disconnect, Control Transformer
X – Dual Point Power, Wye-Delta, Disconnect, Control Transformer

Refrigeration Circuit Options
- – None
0 – Suction Line Insulation
1 – Suction Service Valves
2 – Low Ambient Temperature Head Pressure Control
3 – Suction Line Insulation, Suction Service Valves
4 – Suction Line Insulation, Low Ambient Temperature Head Pressure Control
5 – Suction Service Valves, Low Ambient Temperature Head Pressure Control
6 – Suction Line Insulation, Suction Service Valves, Low Ambient Temperature Head Pressure Control
7 – Minimum Load Control
8 – Suction Line Insulation, Minimum Load Control
9 – Suction Service Valves, Minimum Load Control
B – Low Ambient Temperature Head Pressure Control, Minimum Load Control
C – Suction Line Insulation, Suction Service Valves, Minimum Load Control
D – Suction Line Insulation, Low Ambient Temperature Head Pressure Control, Minimum Load Control
F – Suction Service Valves, Low Ambient Temperature Head Pressure Control, Minimum Load Control
G – Suction Line Insulation, Suction Service Valves, Low Ambient Temperature Head Pressure Control, Minimum Load Control

LEGEND

CFSP	—	Coil Face Shipping Protection
EMM	—	Energy Management Module
LON	—	Local Operating Network
XL	—	Across-the-Line Starter

Quality Assurance

Certified to ISO 9001:2000

Physical data

30XA080-500 — ENGLISH

UNIT 30XA	080	090	100	110	120	140	160	180	200	220
OPERATING WEIGHT (lb)*										
Al-Cu Condenser Coils	7,674	9,959	10,186	10,326	10,471	12,760	13,003	13,590	13,712	14,727
Cu-Cu Condenser Coils	8,398	10,924	11,151	11,291	11,436	13,966	14,209	15,037	15,159	16,295
MCHX Condenser Coils	7,234	9,382	9,603	9,738	9,877	12,023	12,255	12,699	12,810	13,748
REFRIGERANT TYPE	R-134a, EXV Controlled System									
Refrigerant Charge (lb) Ckt A/Ckt B/Ckt C	110/110/—	110/110/—	120/120/—	135/120/—	135/135/—	202/121/—	225/159/—	205/205/—	225/225/—	270/225/—
Refrigerant Charge (lb) Ckt A/Ckt B/Ckt C (MCHX)	98/98/—	94/94/—	96/96/—	100/96/—	100/100/—	136/96/—	135/100/—	141/141/—	161/161/—	170/161/—
COMPRESSORS	Semi-Hermetic Twin Rotary Screws									
Quantity	2	2	2	2	2	2	2	2	2	2
Speed (rpm)	3500									
(Qty) Compressor Model Number Ckt A	(1) 06TS-137†	(1) 06TS-137	(1) 06TS-155	(1) 06TS-186	(1) 06TS-186	(1) 06TT-266	(1) 06TT-301	(1) 06TT-266	(1) 06TT-301	(1) 06TT-356
(Qty) Compressor Model Number Ckt B	(1) 06TS-137†	(1) 06TS-137	(1) 06TS-155	(1) 06TS-155	(1) 06TS-186	(1) 06TS-155	(1) 06TS-186	(1) 06TT-266	(1) 06TT-301	(1) 06TT-301
(Qty) Compressor Model Number Ckt C	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Oil Charge (gal), Ckt A/Ckt B/Ckt C	5.5/5.5/—	5.5/5.5/—	5.5/5.5/—	5.5/5.5/—	5.5/5.5/—	6.25/5.5/—	6.25/5.5/—	6.25/6.25/—	6.25/6.25/—	6.75/6.25/—
Minimum Capacity Step (%)										
Standard	15	15	15	14	15	11	11	15	15	14
Optional	9	9	9	8	10	7	8	10	10	10
COOLER	Flooded, Shell and Tube Type									
Net Fluid Volume (gal.)	16.5	18.5	18.5	20.0	23.0	25.5	27.5	31.5	34.0	37.0
Maximum Refrigerant Pressure (psig)	220	220	220	220	220	220	220	220	220	220
Maximum Water Side Pressure Without Pumps (psig)	300	300	300	300	300	300	300	300	300	300
Maximum Water Side Pressure With Pumps (psig)	—	150	150	150	150	150	150	—	—	—
WATER CONNECTIONS										
Drain (NPT, in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Standard, Inlet and Outlet, Victaulic (in.)	5	5	5	5	5	5	5	6	6	6
Number of Passes	2	2	2	2	2	2	2	2	2	2
Minus 1 Pass, Inlet and Outlet, Victaulic (in.)	5	5	5	5	5	5	5	8	8	8
Number of Passes	1	1	1	1	1	1	1	1	1	1
Plus 1 Pass, Inlet and Outlet, Victaulic (in.)	4	4	4	4	4	5	5	6	6	6
Number of Passes	3	3	3	3	3	3	3	3	3	3
CONDENSER FANS	Shrouded Axial Type, Vertical Discharge									
Fan Speed (rpm) Standard/High Ambient**	850/—	850/—	850/—	850/—	850/—	850/1140	850/1140	850/1140	850/1140	850/1140
No. Blades...Diameter (in.)	9...30	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)	3/3/—	4/4/—	4/4/—	4/4/—	4/4/—	6/4/—	6/4/—	6/6/—	6/6/—	7/6/—
Total Airflow (cfm) 850 rpm	55,800	74,400	74,400	74,400	74,400	93,000	93,000	111,600	111,600	120,900
Total Airflow (cfm) 1140 rpm	—	—	—	—	—	124,000	124,000	148,800	148,800	161,200
CONDENSER COILS										
No. Coils (Ckt A/Ckt B/Ckt C)	3/3/—	4/4/—	4/4/—	4/4/—	4/4/—	6/4/—	6/4/—	6/6/—	6/6/—	7/6/—
Total Face Area (sq ft)	141	188	188	188	188	234	234	281	281	305
HYDRONIC MODULE (Optional)										
Pump	N/A	Pump(s) with pressure/temperature taps and combination valve. Single or Dual, 3600 rpm						N/A		
CHASSIS DIMENSIONS (ft-in.)										
Length	11-10	15-9				19-8		23-7		27-6
Width	7-4 3/4									
Height	7-6 7/16									

UNIT 30XA	240	260	280	300	325	350	400	450	500
OPERATING WEIGHT (lb)*									
Al-Cu Condenser Coils	14,887	16,853	17,022	17,362	18,834	19,040	24,578	26,600	26,894
Cu-Cu Condenser Coils	16,455	18,662	18,831	19,292	21,005	21,211	26,990	29,254	29,547
MCHX Condenser Coils	13,897	15,720	15,878	16,141	17,467	17,659	23,038	24,901	25,167
REFRIGERANT TYPE	R-134a, EXV Controlled System								
Refrigerant Charge (lb) Ckt A/Ckt B/Ckt C	270/270/—	375/220/—	375/270/—	415/270/—	375/375/—	415/375/—	270/270/375	415/205/415	415/270/415
Refrigerant Charge (lb) Ckt A/Ckt B/Ckt C (MCHX)	170/168/—	247/165/—	240/170/—	245/170/—	240/240/—	245/240/—	170/170/215	236/170/227	243/177/227
COMPRESSORS	Semi-Hermetic Twin Rotary Screws								
Quantity	2	2	2	2	2	2	3	3	3
Speed (rpm)	3500								
(Qty) Compressor Model Number Ckt A	(1) 06TT-356	(1) 06TU-483	(1) 06TU-483	(1) 06TU-554	(1) 06TU-483	(1) 06TU-554	(1) 06TT-356	(1) 06TU-554	(1) 06TU-554
(Qty) Compressor Model Number Ckt B	(1) 06TT-356	(1) 06TT-301	(1) 06TT-356	(1) 06TT-356	(1) 06TU-483	(1) 06TU-483	(1) 06TT-356	(1) 06TT-266	(1) 06TT-356
(Qty) Compressor Model Number Ckt C	N/A	N/A	N/A	N/A	N/A	N/A	(1) 06TU-483	(1) 06TU-554	(1) 06TU-554
Oil Charge (gal), Ckt A/Ckt B/Ckt C	6.75/6.75/—	7.5/6.75/—	7.5/6.75/—	7.5/6.75/—	7.5/7.5/—	7.5/7.5/—	6.75/6.75/7.5	7.5/6.25/7.5	7.5/6.75/7.5
Minimum Capacity Step (%)									
Standard	15	11	13	12	15	15	9	6	7
Optional	10	8	9	7	10	10	6	4	5
COOLER	Flooded, Shell and Tube Type								
Net Fluid Volume (gal.)	39.0	42.0	44.0	48.5	50.5	53.4	68.0	75.0	83.0
Maximum Refrigerant Pressure (psig)	220	220	220	220	220	220	220	220	220
Maximum Water Side Pressure Without Pumps (psig)	300	300	300	300	300	300	300	300	300
Maximum Water Side Pressure With Pumps (psig)	—	—	—	—	—	—	—	—	—
WATER CONNECTIONS									
Drain (NPT, in.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Standard, Inlet and Outlet, Victaulic (in.)	6	8	8	8	8	8	8	8	8
Number of Passes	2	2	2	2	2	2	1	1	1
Minus 1 Pass, Inlet and Outlet, Victaulic (in.)	8	8	8	8	8	8	—	—	—
Number of Passes	1	1	1	1	1	1	—	—	—
Plus 1 Pass, Inlet and Outlet, Victaulic (in.)	6	8	8	8	8	8	—	—	—
Number of Passes	3	3	3	3	3	3	—	—	—
CONDENSER FANS	Shrouded Axial Type, Vertical Discharge								
Fan Speed (rpm) Standard/High Ambient**	850/1140	850/1140	850/1140	850/1140	850/1140	850/1140	850/1140	850/1140	850/1140
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)	7/6/—	9/6/—	9/7/—	10/6/—	9/9/—	9/9/—	6/6/8	8/6/8	8/6/8
Total Airflow (cfm) 850 rpm	120,900	139,500	148,800	148,800	167,400	167,400	186,000	204,600	204,600
Total Airflow (cfm) 1140 rpm	161,200	186,000	198,400	198,400	223,200	223,200	248,000	272,800	272,800
CONDENSER COILS									
No. Coils (Ckt A/Ckt B/Ckt C)	7/6/—	9/6/—	9/7/—	10/6/—	9/9/—	9/9/—	6/6/8	8/6/8	8/6/8
Total Face Area (sq ft)	305	352	375	375	422	422	469	516	516
HYDRONIC MODULE (Optional)									
Pump	N/A								
CHASSIS DIMENSIONS (ft-in.)									
Length	27-6	31-5			35-4		39-3	43-2	
Width	7-4 3/4								
Height	7-6 7/16								

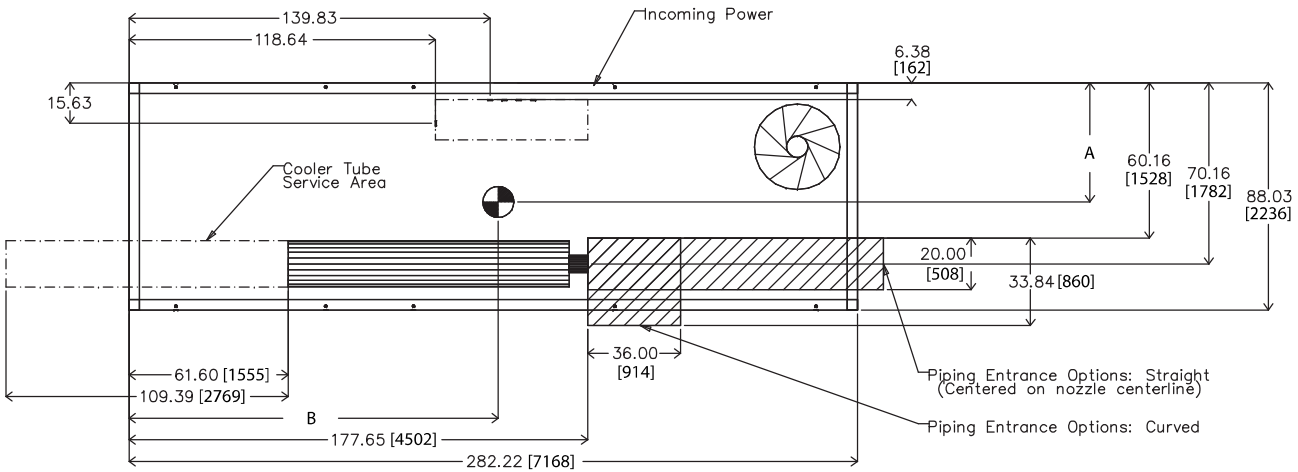
LEGEND

Cu — Copper
Al — Aluminum
EXV — Electronic Expansion Valve
MCHX — Microchannel Heat Exchanger
N/A — Not Applicable

*Operating weight includes 2 pumps on models 30XA090-160. No pumps are available on 30XA080 or 30XA180-500. All weights include coil trim panels. See pages 8-19 for mounting weights for units without pumps and units with single pump packages.
†30XA080 unit does not have an economizer.
**The high ambient temperature option is not available on 30XA080-120 units.

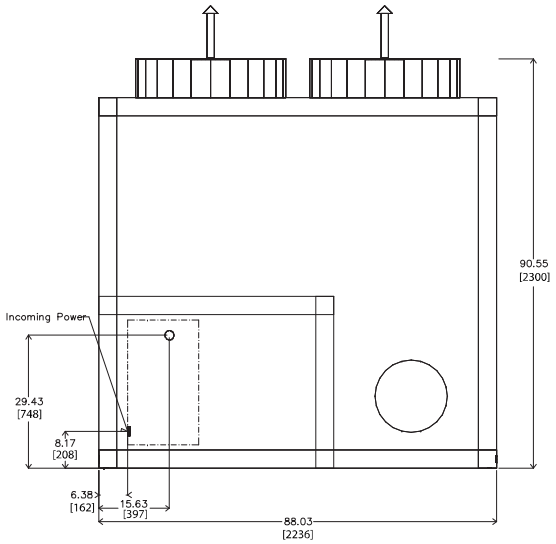
30XA180,200

NOTES:
1. Unit must have clearances as follows:
   Top — Do not restrict
   Sides and Ends — 6 ft (1.8 m) from solid surface.
2. Temperature relief devices are located on liquid line and economizer assemblies and have 1/4-in. flare connection.
3. 3/8-in. NPT vents and drains located in each cooler head at each end of cooler.
4. Drawing depicts unit with single point power, standard two-pass cooler, and a nominal voltage range of 380 to 575 v. Refer to the Packaged Chiller Builder program for other configurations.
5. Dimensions are shown in inches. Dimensions in [ ] are in millimeters.

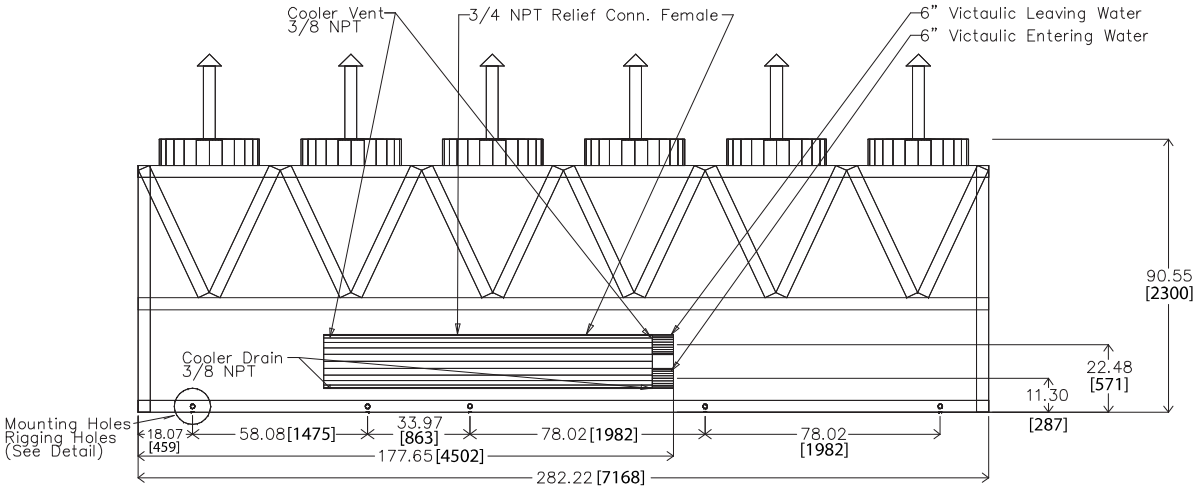


TOP VIEW

30XA UNIT	A	B
180	46.12 [1171]	143.04 [3633]
200	46.15 [1172]	142.97 [3631]



LEFT END VIEW



FRONT VIEW

Electrical data

SINGLE POINT (STANDARD CONDENSER FAN MOTORS)*

UNIT 30XA	UNIT VOLTAGE			NUMBER OF COND FANS	NO HYDRONIC PACKAGE					5 HP PUMP, 3450 RPM					7.5 HP PUMP, 3450 RPM					CONTROL CIRCUIT	
	V-Hz (3 Ph)	Supplied			MCA	MOCP	ICF		Rec Fuse Size	MCA	MOCP	ICF		Rec Fuse Size	MCA	MOCP	ICF		Rec Fuse Size	Voltage 1 PH, 60 Hz	MCA and MOCP
		Min	Max				WD	XL				WD	XL				WD	XL			
080	230-60	207	253	6	315.5	400	484.2	1170.2	350	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	6	347.6	450	549.6	1338.6	400	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	6	157.7	200	242.1	585.1	175	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	6	121.2	150	191.9	465.9	150	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	6	183.5	250	289.7	704.7	225	—	—	—	—	—	—	—	—	—	—	115	40
090	230-60	207	253	8	334.0	450	499.1	1185.1	400	350.0	450	515.1	1201.1	400	357.2	450	522.3	1208.3	400	115	40
	200-60	187	220	8	368.0	500	566.0	1355.0	450	385.7	500	583.7	1372.7	450	393.6	500	591.7	1380.7	450	115	40
	460-60	414	506	8	167.0	225	249.6	592.6	200	175.0	225	257.6	600.6	200	178.6	225	261.2	604.2	200	115	40
	575-60	518	633	8	128.5	175	197.8	471.8	150	134.9	175	204.2	478.2	150	137.7	175	207.0	481.0	150	115	40
	380-60	342	418	8	194.5	250	298.6	713.6	225	204.2	250	308.3	723.3	225	208.6	250	312.6	727.6	250	115	40
100	230-60	207	253	8	364.6	500	536.7	1278.7	400	380.6	500	552.7	1294.7	450	387.8	500	559.9	1301.9	450	115	40
	200-60	187	220	8	401.3	500	607.8	1461.8	450	419.0	500	625.5	1479.5	500	427.0	500	633.5	1487.5	500	115	40
	460-60	414	506	8	182.3	250	268.4	639.4	200	190.3	250	276.4	647.4	225	193.9	250	280.0	651.0	225	115	40
	575-60	518	633	8	139.5	175	211.7	508.7	175	145.9	175	218.1	515.1	175	148.8	200	220.9	517.9	175	115	40
	380-60	342	418	8	212.7	250	321.7	770.7	250	222.4	300	331.3	780.3	250	226.7	300	335.7	784.7	250	115	40
110	230-60	207	253	8	405.7	500	536.7	—	450	421.7	500	552.7	—	500	428.9	600	559.9	—	500	115	40
	200-60	187	220	8	446.2	600	607.8	—	500	463.9	600	625.5	—	600	471.9	600	633.5	—	600	115	40
	460-60	414	506	8	202.4	250	268.4	639.4	225	210.4	250	276.4	647.4	250	214.0	300	280.0	651.0	250	115	40
	575-60	518	633	8	155.5	200	211.7	508.7	175	161.9	225	218.1	515.1	200	164.8	225	220.9	517.9	200	115	40
	380-60	342	418	8	236.4	300	321.7	770.7	300	246.1	300	331.3	780.3	300	250.4	350	335.7	784.7	300	115	40
120	230-60	207	253	8	438.6	600	569.6	—	500	454.6	600	585.6	—	500	461.8	600	592.8	—	600	115	40
	200-60	187	220	8	482.2	600	643.8	—	600	499.9	600	661.5	—	600	507.8	600	669.4	—	600	115	40
	460-60	414	506	8	218.4	300	284.4	655.4	250	226.4	300	292.4	663.4	250	230.0	300	296.0	667.0	300	115	40
	575-60	518	633	8	168.4	225	224.5	521.5	200	174.8	225	230.9	527.9	200	177.7	225	233.8	530.8	200	115	40
	380-60	342	418	8	255.3	350	340.6	789.6	300	265.0	350	350.3	799.3	300	269.4	350	354.7	803.7	300	115	40
140	230-60	207	253	10	534.7	800	796.7	—	700	550.7	800	812.7	—	700	557.9	800	819.9	—	700	115	40
	200-60	187	220	10	588.5	800	906.1	—	700	606.2	800	923.8	—	700	614.1	800	931.8	—	700	115	40
	460-60	414	506	10	267.3	400	398.4	1030.4	350	275.3	400	406.4	1038.4	350	278.9	400	410.0	1042.0	350	115	40
	575-60	518	633	10	205.0	300	315.5	821.5	250	211.4	300	321.9	827.9	250	214.3	300	324.7	830.7	250	115	40
	380-60	342	418	10	311.2	450	478.9	1243.9	350	320.9	450	488.6	1253.6	400	325.3	450	493.0	1258.0	400	115	40
160	230-60	207	253	10	621.1	800	997.6	—	700	637.1	800	1013.6	—	800	644.3	800	1020.8	—	800	115	40
	200-60	187	220	10	682.8	1000	1136.1	—	800	700.5	1000	1153.8	—	800	708.5	1000	1161.7	—	800	115	40
	460-60	414	506	10	309.7	450	498.4	1306.4	350	317.7	450	506.4	1314.4	400	321.3	450	510.0	1318.0	400	115	40
	575-60	518	633	10	238.1	350	396.3	1042.3	300	244.5	350	402.7	1048.7	300	247.4	350	405.6	1051.6	300	115	40
	380-60	342	418	10	361.1	500	598.9	1577.9	450	370.8	500	608.6	1587.6	450	375.2	500	612.9	1591.9	450	115	40
180	230-60	207	253	12	673.2	800	935.2	—	800	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	12	740.9	1000	1058.5	—	1000	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	12	336.6	450	467.6	1099.6	400	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	12	258.3	350	368.8	874.8	300	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	12	391.5	500	559.2	1324.2	450	—	—	—	—	—	—	—	—	—	—	115	40
200	230-60	207	253	12	769.6	1000	1146.0	—	1000	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	12	846.0	1000	1299.2	—	1000	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	12	383.9	500	572.6	1380.6	450	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	12	294.8	400	453.0	1099.0	350	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	12	447.2	600	685.0	1664.0	500	—	—	—	—	—	—	—	—	—	—	115	40
220	230-60	207	253	13	850.2	1200	1152.0	—	1000	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	13	935.1	1200	1305.9	—	1200	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	13	424.7	600	575.6	1383.6	500	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	13	326.3	450	455.4	1101.4	400	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	13	494.5	700	688.6	1667.6	600	—	—	—	—	—	—	—	—	—	—	115	40
240	230-60	207	253	13	910.0	1200	1211.8	—	1200	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	13	1001.1	1200	1371.8	—	1200	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	13	455.0	600	605.9	1413.9	600	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	13	349.6	450	478.7	1124.7	400	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	13	529.5	700	723.5	1702.5	600	—	—	—	—	—	—	—	—	—	—	115	40
260	460-60	414	506	15	516.5	700	777.6	1999.6	600	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	15	396.4	500	616.2	1594.2	450	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	15	600.2	800	933.9	2412.9	700	—	—	—	—	—	—	—	—	—	—	115	40
280	460-60	414	506	16	549.7	800	810.9	2032.9	700	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	16	422.1	600	641.9	1619.9	500	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	16	638.7	800	972.4	2451.4	800	—	—	—	—	—	—	—	—	—	—	115	40
300	460-60	414	506	16	610.9	800	810.9	2032.9	700	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	16	468.7	600	641.9	1619.9	600	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	16	710.3	1000	972.4	2451.4	800	—	—	—	—	—	—	—	—	—	—	115	40
325	460-60	414	506	18	624.3	800	885.5	2107.5	700	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	18	479.1	600	698.9	1676.9	600	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	18	724.7	1000	1058.4	2537.4	800	—	—	—	—	—	—	—	—	—	—	115	40
350	460-60	414	506	18	685.5	800	885.5	2107.5	800	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	18	525.7	700	698.9	1676.9	600	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	18	796.3	1000	1058.4	2537.4	1000	—	—	—	—	—	—	—	—	—	—	115	40
400	460-60	414	506	20	746.6	1000	1007.8	2229.8	1000	—	—	—	—	—	—	—	—	—	—	115	50
	575-60	518	633	20	573.2	700	793.1	1771.1	700	—	—	—	—	—	—	—	—	—	—	115	50
	380-60	342	418	20	867.6	1000	1201.3	2680.3	1000	—	—	—	—	—	—	—	—	—	—	115	50
450	460-60	414	506	22	880.0	1000	1080.0	2302.0	1000	—	—	—	—	—	—	—	—	—	—	115	50
	575-60	518	633	22	674.6	800	847.8	1825.8	800	—	—	—	—	—	—	—	—	—	—	115	50
	380-60	342	418	22	1022.7	1200	1284.8	2763.8	1200	—	—	—	—	—	—	—	—	—	—	115	50
500	460-60	414	506	22	931.3	1200	1131.3	2353.3	1200	—	—	—	—	—	—	—	—	—	—	115	50
	575-60	518	633	22	714.1	800	887.3	1865.3	800	—	—	—	—	—	—	—	—	—	—	115	50
	380-60	342	418	22	1082.4	1200	1344.5	2823.5	1200	—	—	—	—	—	—	—	—	—	—	115	50

LEGEND

ICF — Instantaneous Current Flow
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
WD — Wye-Delta
XL — Across-the-Line

NOTES:

1. 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%.
2. Cooler heater is wired into the control circuit so it is always operable as long as the control power supply disconnect is on, even if any safety device is open.
3. For MCA that is less than or equal to 380 amps, 3 conductors are required.
   For MCA between 381-760 amps, 6 conductors are required.
   For MCA between 761-1140 amps, 9 conductors are required.
   For MCA between 1141-1520 amps, 12 conductors are required.
   Calculation of conductors required is based on 75 C copper wire.
4. Wiring for main field supply must be rated 75 C minimum. Use copper for all units.
   a. Incoming wire size range for the terminal block is no. 4 AWG (American Wire Gage) to 500 kcmil.
   b. Incoming wire size range of non-fused disconnect with MCA up to 599.9 amps is 3/0 to 500 kcmil.
   c. Incoming wire size range of non-fused disconnect with MCA from 600 to 799.9 amps is 1/0 to 500 kcmil.
   d. Incoming wire size range of non-fused disconnect with MCA from 800 to 1199.9 amps is 250 kcmil to 500 kcmil.
5. Data provided circuit 1/circuit 2 where there are two circuits.

Electrical data (cont)

SINGLE POINT (STANDARD CONDENSER FAN MOTORS)* (cont)

UNIT 30XA	UNIT VOLTAGE			NUMBER OF COND FANS	10 HP PUMP, 3450 RPM					15 HP PUMP, 3450 RPM					CONTROL CIRCUIT	
	V-Hz (3 Ph)	Supplied			MCA	MOCP	ICF		Rec Fuse Size	MCA	MOCP	ICF		Rec Fuse Size	Voltage 1 PH, 60 Hz	MCA and MOCP
		Min	Max				WD	XL				WD	XL			
080	230-60	207	253	6	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	6	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	6	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	6	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	6	—	—	—	—	—	—	—	—	—	—	115	40
090	230-60	207	253	8	364.4	450	529.5	1215.5	400	379.0	500	544.1	1230.1	450	115	40
	200-60	187	220	8	401.6	500	599.6	1388.6	450	417.7	500	615.8	1404.8	500	115	40
	460-60	414	506	8	182.2	225	264.8	607.8	200	189.5	250	272.1	615.1	225	115	40
	575-60	518	633	8	140.6	175	209.9	483.9	175	146.5	175	215.8	489.8	175	115	40
	380-60	342	418	8	212.9	250	317.0	732.0	250	221.8	250	325.8	740.8	250	115	40
100	230-60	207	253	8	395.0	500	567.1	1309.1	450	409.6	500	581.7	1323.7	450	115	40
	200-60	187	220	8	434.9	500	641.5	1495.5	500	451.1	600	657.6	1511.6	500	115	40
	460-60	414	506	8	197.5	250	283.6	654.6	225	204.8	250	290.9	661.9	225	115	40
	575-60	518	633	8	151.7	200	223.8	520.8	175	157.5	200	229.7	526.7	175	115	40
	380-60	342	418	8	231.1	300	340.1	789.1	300	239.9	300	348.9	797.9	300	115	40
110	230-60	207	253	8	436.1	600	567.1	—	500	450.7	600	581.7	—	500	115	40
	200-60	187	220	8	479.9	600	641.5	—	600	496.0	600	657.6	—	600	115	40
	460-60	414	506	8	217.6	300	283.6	654.6	250	224.9	300	290.9	661.9	250	115	40
	575-60	518	633	8	167.7	225	223.8	520.8	200	173.5	225	229.7	526.7	200	115	40
	380-60	342	418	8	254.8	350	340.1	789.1	300	263.6	350	348.9	797.9	300	115	40
120	230-60	207	253	8	469.0	600	600.0	—	600	483.6	600	614.6	—	600	115	40
	200-60	187	220	8	515.8	700	677.4	—	600	531.9	700	693.5	—	600	115	40
	460-60	414	506	8	233.6	300	299.6	670.6	300	240.9	300	306.9	677.9	300	115	40
	575-60	518	633	8	180.5	225	236.7	533.7	200	186.4	250	242.5	539.5	225	115	40
	380-60	342	418	8	273.7	350	359.0	808.0	300	282.6	350	367.9	816.9	350	115	40
140	230-60	207	253	10	565.1	800	827.1	—	700	579.7	800	841.7	—	700	115	40
	200-60	187	220	10	622.1	800	939.7	—	700	638.2	800	955.9	—	800	115	40
	460-60	414	506	10	282.5	400	413.6	1045.6	350	289.8	400	420.9	1052.9	350	115	40
	575-60	518	633	10	217.1	300	327.6	833.6	250	223.0	300	333.5	839.5	250	115	40
	380-60	342	418	10	329.6	450	497.3	1262.3	400	338.5	450	506.2	1271.2	400	115	40
160	230-60	207	253	10	651.5	800	1028.0	—	800	666.1	800	1042.6	—	800	115	40
	200-60	187	220	10	716.4	1000	1169.7	—	1000	732.6	1000	1185.8	—	1000	115	40
	460-60	414	506	10	324.9	450	513.6	1321.6	400	332.2	450	520.9	1328.9	400	115	40
	575-60	518	633	10	250.2	350	408.5	1054.5	300	256.1	350	414.3	1060.3	300	115	40
	380-60	342	418	10	379.5	500	617.3	1596.3	450	388.4	500	626.1	1605.1	450	115	40
180	230-60	207	253	12	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	12	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	12	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	12	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	12	—	—	—	—	—	—	—	—	—	—	115	40
200	230-60	207	253	12	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	12	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	12	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	12	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	12	—	—	—	—	—	—	—	—	—	—	115	40
220	230-60	207	253	13	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	13	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	13	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	13	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	13	—	—	—	—	—	—	—	—	—	—	115	40
240	230-60	207	253	13	—	—	—	—	—	—	—	—	—	—	115	40
	200-60	187	220	13	—	—	—	—	—	—	—	—	—	—	115	40
	460-60	414	506	13	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	13	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	13	—	—	—	—	—	—	—	—	—	—	115	40
260	460-60	414	506	15	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	15	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	15	—	—	—	—	—	—	—	—	—	—	115	40
280	460-60	414	506	16	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	16	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	16	—	—	—	—	—	—	—	—	—	—	115	40
300	460-60	414	506	16	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	16	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	16	—	—	—	—	—	—	—	—	—	—	115	40
325	460-60	414	506	18	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	18	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	18	—	—	—	—	—	—	—	—	—	—	115	40
350	460-60	414	506	18	—	—	—	—	—	—	—	—	—	—	115	40
	575-60	518	633	18	—	—	—	—	—	—	—	—	—	—	115	40
	380-60	342	418	18	—	—	—	—	—	—	—	—	—	—	115	40
400	460-60	414	506	20	—	—	—	—	—	—	—	—	—	—	115	50
	575-60	518	633	20	—	—	—	—	—	—	—	—	—	—	115	50
	380-60	342	418	20	—	—	—	—	—	—	—	—	—	—	115	50
450	460-60	414	506	22	—	—	—	—	—	—	—	—	—	—	115	50
	575-60	518	633	22	—	—	—	—	—	—	—	—	—	—	115	50
	380-60	342	418	22	—	—	—	—	—	—	—	—	—	—	115	50
500	460-60	414	506	22	—	—	—	—	—	—	—	—	—	—	115	50
	575-60	518	633	22	—	—	—	—	—	—	—	—	—	—	115	50
	380-60	342	418	22	—	—	—	—	—	—	—	—	—	—	115	50

LEGEND

ICF — Instantaneous Current Flow
MCA — Minimum Circuit Amps
MOCP — Maximum Overcurrent Protection
WD — Wye-Delta
XL — Across-the-Line

*30XA400-500 units are not available with single point power.

NOTES:

1. 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%.
2. Cooler heater is wired into the control circuit so it is always operable as long as the control power supply disconnect is on, even if any safety device is open.
3. For MCA that is less than or equal to 380 amps, 3 conductors are required.
   For MCA between 381-760 amps, 6 conductors are required.
   For MCA between 761-1140 amps, 9 conductors are required.
   For MCA between 1141-1520 amps, 12 conductors are required.
   Calculation of conductors required is based on 75 C copper wire.
4. Wiring for main field supply must be rated 75 C minimum. Use copper for all units.
   a. Incoming wire size range for the terminal block is no. 4 AWG (American Wire Gage) to 500 kcmil.
   b. Incoming wire size range of non-fused disconnect with MCA up to 599.9 amps is 3/0 to 500 kcmil.
   c. Incoming wire size range of non-fused disconnect with MCA from 600 to 799.9 amps is 1/0 to 500 kcmil.
   d. Incoming wire size range of non-fused disconnect with MCA from 800 to 1199.9 amps is 250 kcmil to 500 kcmil.
5. Data provided circuit 1/circuit 2 where there are two circuits.

Electrical data (cont)

COMPRESSOR AND FAN ELECTRICAL DATA

30XA UNIT SIZE	UNIT VOLTAGE V-Hz (3 Ph, 60 Hz)	NUMBER OF COND FANS*	CONDENSER FANS FLA		COMPRESSOR											
					A				B				C			
					LRA (All Units)		RLA		LRA (All Units)		RLA		LRA (All Units)		RLA	
			High Ambient Temp Cond. Fans (1140 rpm)	Standard Cond. Fans (850 rpm)	XL	WD	High Ambient Temp Cond. Fans (1140 rpm)	Standard Cond. Fans (850 rpm)	XL	WD	High Ambient Temp Cond. Fans (1140 rpm)	Standard Cond. Fans (850 rpm)	XL	WD	High Ambient Temp Cond. Fans (1140 rpm)	Standard Cond. Fans (850 rpm)
080	200	3/3	11.9	6.6	1081.0	345.0	130.9	136.8	1081.0	345.0	130.9	136.8	—	—	—	—
	230	3/3	10.8	6.0	940.0	300.0	118.9	124.2	940.0	300.0	118.9	124.2	—	—	—	—
	380	3/3	6.5	3.6	569.0	182.0	68.8	71.9	569.0	182.0	68.8	71.9	—	—	—	—
	460	3/3	5.4	3.0	470.0	150.0	59.4	62.1	470.0	150.0	59.4	62.1	—	—	—	—
	575	3/3	4.3	2.4	376.0	120.0	45.4	47.5	376.0	120.0	45.4	47.5	—	—	—	—
090	200	4/4	11.9	6.6	1081.0	345.0	134.3	140.0	1081.0	345.0	134.3	140.0	—	—	—	—
	230	4/4	10.8	6.0	940.0	300.0	122.0	127.1	940.0	300.0	122.0	127.1	—	—	—	—
	380	4/4	6.5	3.6	569.0	182.0	70.6	73.5	569.0	182.0	70.6	73.5	—	—	—	—
	460	4/4	5.4	3.0	470.0	150.0	61.0	63.6	470.0	150.0	61.0	63.6	—	—	—	—
	575	4/4	4.3	2.4	376.0	120.0	46.6	48.6	376.0	120.0	46.6	48.6	—	—	—	—
100	200	4/4	11.9	6.6	1357.0	437.0	148.4	154.8	1357.0	437.0	148.4	154.8	—	—	—	—
	230	4/4	10.8	6.0	1180.0	380.0	134.9	140.7	1180.0	380.0	134.9	140.7	—	—	—	—
	380	4/4	6.5	3.6	714.0	230.0	78.3	81.6	714.0	230.0	78.3	81.6	—	—	—	—
	460	4/4	5.4	3.0	590.0	190.0	67.5	70.4	590.0	190.0	67.5	70.4	—	—	—	—
	575	4/4	4.3	2.4	472.0	152.0	51.3	53.5	472.0	152.0	51.3	53.5	—	—	—	—
110	200	4/4	11.9	6.6	1357.0	437.0	180.9	190.7	1357.0	437.0	148.4	154.8	—	—	—	—
	230	4/4	10.8	6.0	1180.0	380.0	164.7	173.6	1180.0	380.0	134.9	140.7	—	—	—	—
	380	4/4	6.5	3.6	714.0	230.0	95.4	100.6	714.0	230.0	78.3	81.6	—	—	—	—
	460	4/4	5.4	3.0	590.0	190.0	82.0	86.4	590.0	190.0	67.5	70.4	—	—	—	—
	575	4/4	4.3	2.4	472.0	152.0	62.9	66.3	472.0	152.0	51.3	53.5	—	—	—	—
120	200	4/4	11.9	6.6	1357.0	437.0	180.9	190.7	1357.0	437.0	180.9	190.7	—	—	—	—
	230	4/4	10.8	6.0	1180.0	380.0	164.7	173.6	1180.0	380.0	164.7	173.6	—	—	—	—
	380	4/4	6.5	3.6	714.0	230.0	95.4	100.6	714.0	230.0	95.4	100.6	—	—	—	—
	460	4/4	5.4	3.0	590.0	190.0	82.0	86.4	590.0	190.0	82.0	86.4	—	—	—	—
	575	4/4	4.3	2.4	472.0	152.0	62.9	66.3	472.0	152.0	62.9	66.3	—	—	—	—
140	200	6/4	11.9	6.6	2162.0	690.0	280.8	293.9	1357.0	437.0	148.4	154.8	—	—	—	—
	230	6/4	10.8	6.0	1880.0	600.0	255.2	267.2	1180.0	380.0	134.9	140.7	—	—	—	—
	380	6/4	6.5	3.6	1138.0	363.0	147.7	154.6	714.0	230.0	78.3	81.6	—	—	—	—
	460	6/4	5.4	3.0	940.0	300.0	127.6	133.6	590.0	190.0	67.5	70.4	—	—	—	—
	575	6/4	4.3	2.4	752.0	240.0	97.5	102.0	472.0	152.0	51.3	53.5	—	—	—	—
160	200	6/4	11.9	6.6	2714.0	863.0	325.2	340.6	1357.0	437.0	180.9	190.7	—	—	—	—
	230	6/4	10.8	6.0	2360.0	750.0	296.0	310.0	1180.0	380.0	164.7	173.6	—	—	—	—
	380	6/4	6.5	3.6	1428.0	454.0	171.3	179.4	714.0	230.0	95.4	100.6	—	—	—	—
	460	6/4	5.4	3.0	1180.0	375.0	147.6	154.6	590.0	190.0	82.0	86.4	—	—	—	—
	575	6/4	4.3	2.4	944.0	300.0	112.9	118.2	472.0	152.0	62.9	66.3	—	—	—	—
180	200	6/6	11.9	6.6	2162.0	690.0	280.8	293.9	2162.0	690.0	280.8	293.9	—	—	—	—
	230	6/6	10.8	6.0	1880.0	600.0	255.2	267.2	1880.0	600.0	255.2	267.2	—	—	—	—
	380	6/6	6.5	3.6	1138.0	363.0	147.7	154.6	1138.0	363.0	147.7	154.6	—	—	—	—
	460	6/6	5.4	3.0	940.0	300.0	127.6	133.6	940.0	300.0	127.6	133.6	—	—	—	—
	575	6/6	4.3	2.4	752.0	240.0	97.5	102.0	752.0	240.0	97.5	102.0	—	—	—	—
200	200	6/6	11.9	6.6	2714.0	863.0	325.2	340.6	2714.0	863.0	325.2	340.6	—	—	—	—
	230	6/6	10.8	6.0	2360.0	750.0	296.0	310.0	2360.0	750.0	296.0	310.0	—	—	—	—
	380	6/6	6.5	3.6	1428.0	454.0	171.3	179.4	1428.0	454.0	171.3	179.4	—	—	—	—
	460	6/6	5.4	3.0	1180.0	375.0	147.6	154.6	1180.0	375.0	147.6	154.6	—	—	—	—
	575	6/6	4.3	2.4	944.0	300.0	112.9	118.2	944.0	300.0	112.9	118.2	—	—	—	—
220	200	7/6	11.9	6.6	2714.0	863.0	387.3	406.6	2714.0	863.0	325.2	340.6	—	—	—	—
	230	7/6	10.8	6.0	2360.0	750.0	352.3	369.8	2360.0	750.0	296.0	310.0	—	—	—	—
	380	7/6	6.5	3.6	1428.0	454.0	204.2	214.3	1428.0	454.0	171.3	179.4	—	—	—	—
	460	7/6	5.4	3.0	1180.0	375.0	176.1	184.9	1180.0	375.0	147.6	154.6	—	—	—	—
	575	7/6	4.3	2.4	944.0	300.0	134.8	141.5	944.0	300.0	112.9	118.2	—	—	—	—
240	200	7/6	11.9	6.6	2714.0	863.0	387.3	406.6	2714.0	863.0	387.3	406.6	—	—	—	—
	230	7/6	10.8	6.0	2360.0	750.0	352.3	369.8	2360.0	750.0	352.3	369.8	—	—	—	—
	380	7/6	6.5	3.6	1428.0	454.0	204.2	214.3	1428.0	454.0	204.2	214.3	—	—	—	—
	460	7/6	5.4	3.0	1180.0	375.0	176.1	184.9	1180.0	375.0	176.1	184.9	—	—	—	—
	575	7/6	4.3	2.4	944.0	300.0	134.8	141.5	944.0	300.0	134.8	141.5	—	—	—	—
260	380	9/6	6.5	3.6	2143.0	684.0	277.9	293.0	1428.0	454.0	171.3	179.4	—	—	—	—
	460	9/6	5.4	3.0	1770.0	565.0	240.4	253.5	1180.0	375.0	147.6	154.6	—	—	—	—
	575	9/6	4.3	2.4	1416.0	452.0	183.7	193.7	944.0	300.0	112.9	118.2	—	—	—	—
280	380	9/7	6.5	3.6	2143.0	684.0	277.9	293.0	1428.0	454.0	204.2	214.3	—	—	—	—
	460	9/7	5.4	3.0	1770.0	565.0	240.4	253.5	1180.0	375.0	176.1	184.9	—	—	—	—
	575	9/7	4.3	2.4	1416.0	452.0	183.7	193.7	944.0	300.0	134.8	141.5	—	—	—	—
300	380	10/6	6.5	3.6	2143.0	684.0	330.8	350.3	1428.0	454.0	204.2	214.3	—	—	—	—
	460	10/6	5.4	3.0	1770.0	565.0	285.6	302.4	1180.0	375.0	176.1	184.9	—	—	—	—
	575	10/6	4.3	2.4	1416.0	452.0	218.2	231.0	944.0	300.0	134.8	141.5	—	—	—	—
325	380	9/9	6.5	3.6	2143.0	684.0	277.9	293.0	2143.0	684.0	277.9	293.0	—	—	—	—
	460	9/9	5.4	3.0	1770.0	565.0	240.4	253.5	1770.0	565.0	240.4	253.5	—	—	—	—
	575	9/9	4.3	2.4	1416.0	452.0	183.7	193.7	1416.0	452.0	183.7	193.7	—	—	—	—
350	380	9/9	6.5	3.6	2143.0	684.0	330.8	350.3	2143.0	684.0	277.9	293.0	—	—	—	—
	460	9/9	5.4	3.0	1770.0	565.0	285.6	302.4	1770.0	565.0	240.4	253.5	—	—	—	—
	575	9/9	4.3	2.4	1416.0	452.0	218.2	231.0	1416.0	452.0	183.7	193.7	—	—	—	—
400	380	8/12	6.5	3.6	1428.0	454.0	204.2	214.3	1428.0	454.0	204.2	214.3	293.0	2143.0	277.9	293.0
	460	8/12	5.4	3.0	1180.0	375.0	176.1	184.9	1180.0	375.0	176.1	184.9	253.5	1770.0	240.4	253.5
	575	8/12	4.3	2.4	944.0	300.0	134.8	141.5	944.0	300.0	134.8	141.5	193.7	1416.0	183.7	193.7
450	380	8/14	6.5	3.6	1138.0	363.0	147.7	154.6	2143.0	684.0	330.8	350.3	2143.0	684.0	330.8	350.3
	460	8/14	5.4	3.0	940.0	300.0	127.6	133.6	1770.0	565.0	285.6	302.4	1770.0	565.0	285.6	302.4
	575	8/14	4.3	2.4	752.0	240.0	97.5	102.0	1416.0	452.0	218.2	231.0	1416.0	452.0	218.2	231.0
500	380	8/14	6.5	3.6	1428.0	454.0	204.2	214.3	2143.0	684.0	330.8	350.3	2143.0	684.0	330.8	350.3
	460	8/14	5.4	3.0	1180.0	375.0	176.1	184.9	1770.0	565.0	285.6	302.4	1770.0	565.0	285.6	302.4
	575	8/14	4.3	2.4	944.0	300.0	134.8	141.5	1416.0	452.0	218.2	231.0	1416.0	452.0	218.2	231.0

LEGEND

LRA — Locked Rotor Amps
RLA — Rated Load Amps
WD — Wye Delta
XL — Across-the-Line

*Quantity of fan motors for incoming power supply Circuit 1/Circuit 2.

NOTES:
1. For 30XA080-350 units with dual power supply, main power supply 1 uses refrigerant circuit A components to calculate MCA and MOCP. Main power supply 2 uses refrigerant circuit B components to calculate MCA and MOCP.
2. 30XA400-500 units have dual power supply. Main power supply 1 uses refrigerant circuit C components to calculate MCA and MOCP. Main power supply 2 uses refrigerant circuit A and B components to calculate MCA and MOCP.