



**30GXN,R080-528
AIR-COOLED LIQUID CHILLERS
WITH *COMFORTLINK*™ CONTROLS
50/60 Hz**

- PERFORMANCE DATA
- CERTIFIED DIMENSION PRINTS
- FIELD WIRING DIAGRAMS



Date:	Supersedes:	30GXN,R080-528 AIR-COOLED LIQUID CHILLERS	30GXN,R	Rev: -2SB
JOB NAME:		LOCATION:		
BUYER:		BUYER P.O. #	CARRIER #	
UNIT NUMBER:		MODEL NUMBER:		
PERFORMANCE DATA CERTIFIED BY:				DATE:

DESCRIPTION

Packaged air-cooled liquid chiller factory wired, refrigerant piped, and charged with HFC-134a. Upward discharge airflow minimizes directional sound and dissipates heat away from surrounding areas.

FEATURES

Cooler is mechanically cleanable “flooded” shell-and-tube type with removable heads. It is tested and stamped in accordance with ASME Code for a refrigerant working side pressure of 220 psig (1517 kPa) and a maximum fluid side pressure of 300 psig (2068 kPa) 250 psig [1724 kPa] in Canada) and is insulated with 3/4-in. (19 mm) closed-cell polyvinyl chloride foam.

Cooler can be equipped with electric heater to help protect against cooler freeze-up (use of inhibited glycol anti-freeze required for freeze protection).

Compressor is semi-hermetic twin screw design with refrigerant gas cooled motor and integral oil filter and discharge gas muffler.

Complete thermal and electrical protection is provided.

Air-cooled condenser is constructed of fins mechanically bonded to seamless copper tubes. Coils are leak and pressure tested at 450 psig (3103 kPa).

Condenser fans are direct driven 11-blade, shrouded axial type, statically and dynamically balanced, discharging air vertically upward, protected by coated steel wire safety guards.

Condenser fan motors are totally enclosed 3-phase with permanently lubricated bearings and Class F insulation (except speed control motors).

Each refrigerant circuit includes oil separator, high side pressure relief device, liquid and discharge line shutoff valve, filter drier, moisture indicating sight glass, expansion/level control device.

Microprocessor control includes keypad with diagnostic display displaying set points, time, system status (including temperatures, pressures and % loading) and the alarm conditions.

Capacity control based on leaving chilled water temperature with return water temperature sensing.

7-Day time scheduling of pump(s) and chiller.

Sizes (50 and 60 Hz Models):

080 083 090 093 106 108 114 115 118
125 128 135 138 150 153 160 163 174
175 178 204 205 208 220 225 228 240
249 250 253 264 268 275 281 283 300
301 303 320 325 328 345 350 353 365
370 373 390 393 395 410 415 418 440
450 453 470 475 478 495 500 503 520
525 528

PERFORMANCE DATA

UNIT

Capacity _____

Compressor Input Power _____ kW

Unit Power Input _____ kW

Minimum Outdoor Operating Temperature _____

Capacity Control Steps _____

Minimum Capacity % _____ %

EER _____

Entering Air Temperature _____

Weight _____

COOLER

Cooling Fluid _____

Entering Water Temperature _____

Leaving Water Temperature _____

Flow Rate _____

Pressure Drop _____

Fouling Factor _____

ELECTRICAL DATA

Power Supply to Unit _____ Volts _____ Phase _____ Hz

Power Supply to Control Circuit _____ Volts _____ Phase _____ Hz

Maximum Fuse Amps _____

Unit Power Input at Design _____ kW

Control Circuit Fuse Amps _____ Amps

Maximum Instantaneous Current Flow _____ Amps

Minimum Amps Circuit 2 _____ Amps

Maximum Fuse Amps Circuit 2 _____ Amps

OPTIONS

☐ _____

☐ _____

☐ _____

☐ _____

☐ _____

☐ _____

☐ _____

☐ _____

CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT



DETAIL "A"



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UNIT	A	B	C	D	NUMBER OF PASSES	CONNECTION SIZE
30GNXROB3-093	STD	4.68	9'-4 1/2"	11'-1 5/8"	3	4"
30GNXROB3-093	MINUS	4.68	8'-10 1/2"	10'-7 5/8"	2	4"
30GNXROB3-093	PLUS	4.68	8'-10 1/2"	10'-7 5/8"	4	4"
30GNXRO6-106, 114, 115, 125, 135	STD	5.14	9'-4 1/2"	11'-1 5/8"	3	5"
30GNXRO6-106, 114, 115, 125, 135	MINUS	5.14	8'-10 1/2"	10'-7 5/8"	2	5"
30GNXRO6-106, 114, 115, 125, 135	PLUS	5.14	8'-10 1/2"	10'-7 5/8"	4	5"
30GNXRO20A-200A/B, 215A/B, 235A/B	STD	5.14	9'-4 1/2"	11'-1 5/8"	3	8"
30GB-3658, 3890, 3948	DUPLICATE	1.00	9'-4 1/2"	11'-1 5/8"	4	8"

NOTES:

1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
 - a. TOP - DO NOT RESTRICT IN ANY WAY.
 - b. SIDES - MINIMUM 6" TO SOLID SURFACE.
 - c. END - MINIMUM 8" FROM SOLID SURFACE.
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR FLOW AS FOLLOWS:
 - a. FRONT - NO CLEARANCE IN ANY WAY.
 - b. SIDE - MINIMUM 6" TO SOLID SURFACE.
 - c. END - 15/24 MIN. 5" TO OUTSIDE EDGE OF HOODS.
 - d. BOTTOM - MINIMUM 10" TO OUTSIDE EDGE OF HOODS.
3. CENTER OF GRASS MAT SHALL BE LOCATED AT THE FOLLOWING DISTANCES FROM THE FACE OF THE CURTAIN WALL.
 - a. SEE INSTALLATION INSTRUCTIONS FOR ALL OTHER VALUES.

[24] 3.17 "I-11" TUBE REMOVAL
CLEARANCE EITHER END

4. ECONOMIZERS ARE FACTORY INSTALLED ON SIZES .08, .115, .125, .135 ONLY.
5. STANDARD FACTORY EXPANSION VALVES ARE INSTALLED ON SIZES .135 AND LARGER.
6. FLOW SWITCH IS FACTORRY INSTALLED IN THE ENTERING PIPING TO DRAINING 30G5044941 FOR SIZE 220 INLET/OUTLET
7. REFILL MOTILE REFER TO DRAWING 30G5044941 FOR SIZES 240 & 275
8. PIPING TO DRAINING 30G5044942 FOR SIZES 240 & 275
9. PIPING TO DRAINING 30G5044943 FOR SIZES 300 & 365 INLET/OUTLET
10. PIPING TO DRAINING 30G5044946 FOR SIZES 365 INLET/OUTLET

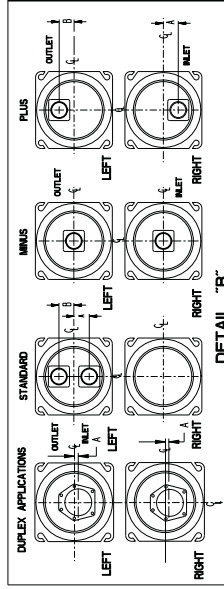
DETAIL "A"

UNIT	TOTAL OPERATING WEIGHT - AL F IN		TOTAL OPERATING WEIGHT - CU F IN	
	165	165	165	165
30GN/R083	6907	3633	3202	3448
30GN/R093	7201	3666	1896	3582
30GN/R106	7514	3708	8209	3747
30GN/R108	1662	3475	9359	3713
30GN/R109	1662	3475	9359	3713
30GN/R115 2.7008	1368	3413	9083	3628
30GN/R115 2.7240A	1368	3413	9083	3661
30GN/R115 2.7147B	1753	3426	8248	3741
300R 3658R 360A 3658	7714	3499	841	3817

DATE	SUPERSTORES	306X505244	REV
11/28/01	07/30/01	306X505244	3

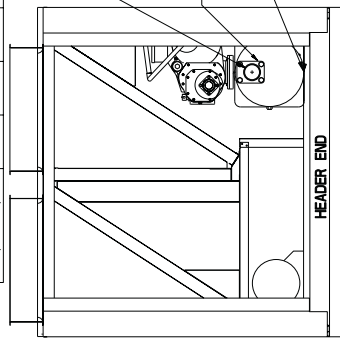
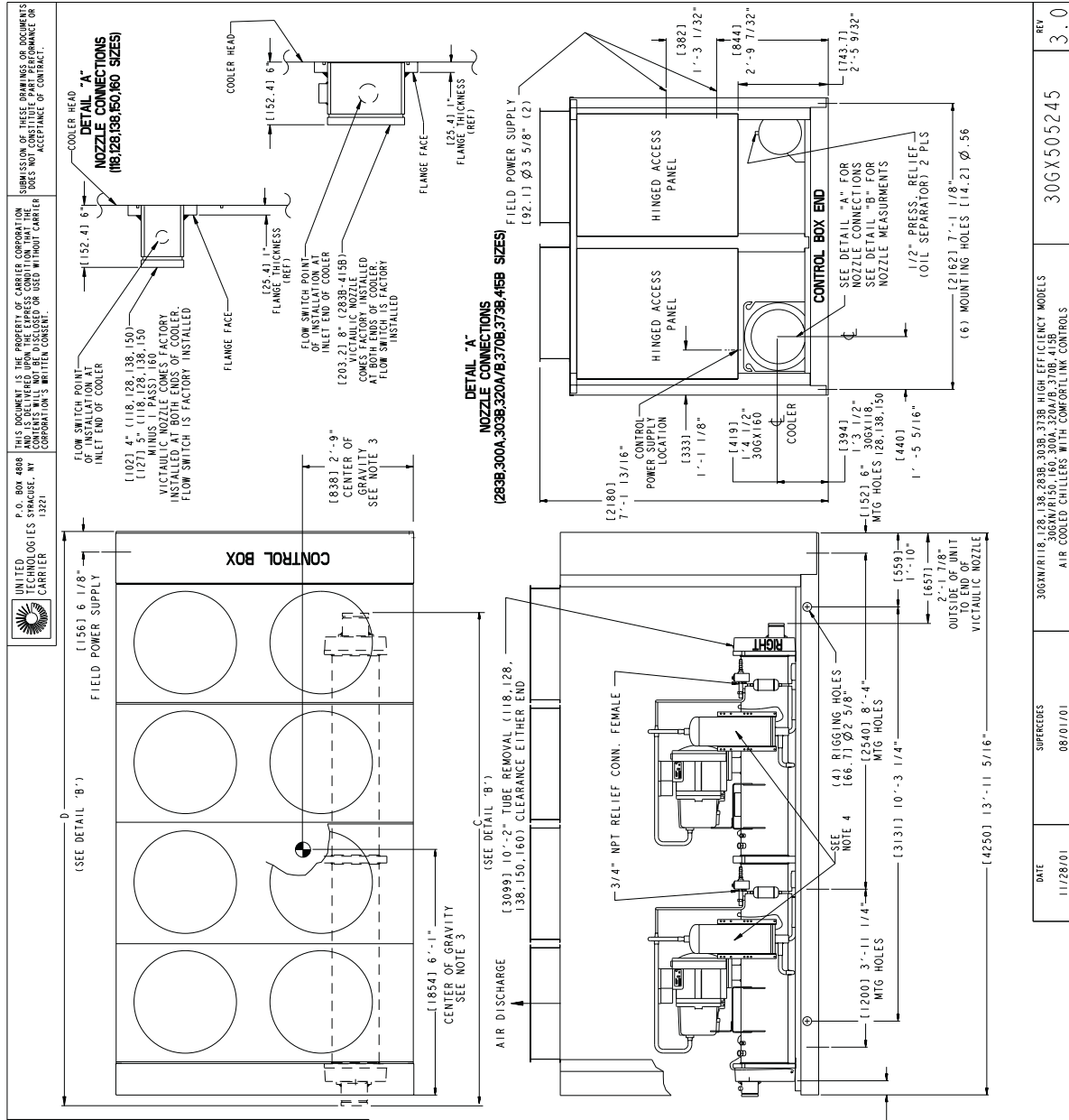
CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT



UNIT	A	B	C	D	NUMBER OF CONNECTIONS PASSES	SIZE
30G3K/R/16, 128, 138, 150	STD	4.68	11' 6" / 12'	13' 6" 3/8"	2	4"
30G3K/R/16, 128, 138, 150	MINUS	-	12' 0" / 12'	14' 2" 3/8"	1	5"
30G3K/R/16, 128, 138, 150	PLUS	4.68	11' 6" / 12'	14' 2" 3/8"	3	4"
30G3K/R/16, 128, 138, 150	STD	5.14	11' 6" / 12'	13' 6" 3/8"	2	4"
30G3K/R/16	MINUS	-	12' 0" / 12'	14' 2" 3/8"	1	5"
30G3K/R/16	PLUS	5.14	11' 6" / 12'	14' 2" 3/8"	3	5"
30G3K/R/28, 3036, 3106, 3138	DUPLEX	-	12' 0" / 12'	14' 2" 3/8"	8	8"
30G3K/R/3036, 3204, 4158	DUPLEX	1.00	12' 0" / 12'	14' 2" 3/8"	8	8"

UNIT	TOTAL OPERATING WEIGHT - AL F IN		TOTAL OPERATING WEIGHT - CU F IN	
	LBS	kg	LBS	kg
30GXN/R118	8649	3923	9699	4399
30GXN/R128	8864	3930	9714	4406
30GXN/R138, 283B, 303B, 313B	8769	3941	9719	4418
30GXN/R150, 300B	8784	3984	9834	4461
30GXN/R160, 300A, 302A/B, 415B	9072	4115	10172	4614

[illegible]

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CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT





CUT ALONG DOTTED LINE

DETAIL "A" NOZZLE CONNECTIONS (208/228 SIZES)

COOLER HEAD STANDARD & PLUS 1 PASS

UNIT WEIGHTS (LBS. / KG.)

UNIT	WEIGHT-ALUM. FIN.	WEIGHT-COPPER FIN.	TOTAL OPERATING WEIGHT-ALUM. FIN.	TOTAL OPERATING WEIGHT-COPPER FIN.
306XV/R208	14099	6395	19941	9052
306XV/R228	14114	6402	19956	9052

DETAIL "B" DUPLEX APPLICATIONS

MINUS PLUS LEFT RIGHT

STANDARD LEFT RIGHT

UNIT WEIGHTS (LBS. / KG.)

UNIT	WEIGHT-ALUM. FIN.	WEIGHT-COPPER FIN.	TOTAL OPERATING WEIGHT-ALUM. FIN.	TOTAL OPERATING WEIGHT-COPPER FIN.
306XV/R208, 228	14099	6395	19941	9052
306XV/R208, 228	14114	6402	19956	9052

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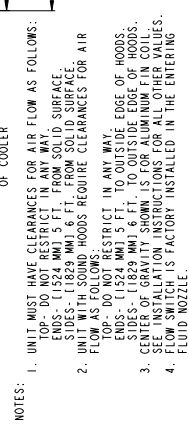


CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT



12



CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT



14



CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

NOTES: 1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP - DO NOT RESTRICT IN ANY WAY.
ENDS - (1/2" MIN) 5 FT. FROM SOLID SURFACE.
SIDES - (1/8" MIN) 6 FT. FROM SOLID SURFACE.
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP - DO NOT RESTRICT IN ANY WAY.
ENDS - (1/2" MIN) 5 FT. TO OUTSIDE EDGE OF HOODS.
SIDES - (1/8" MIN) 6 FT. TO OUTSIDE EDGE OF HOODS.
3. REFER TO DRAWINGS 306X505245 & 5246 FOR INFORMATION NOT INCLUDED IN THIS DRAWING.

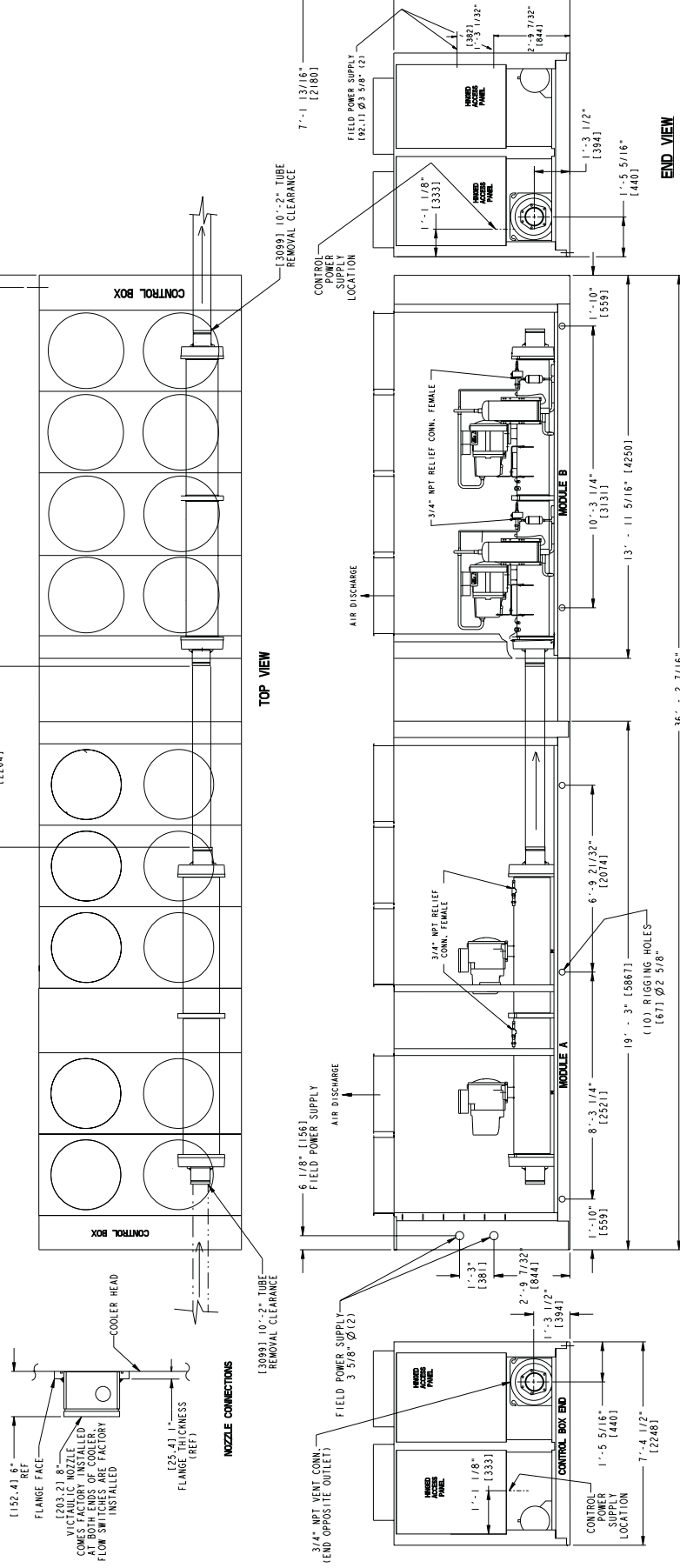
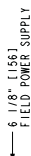
UNIT	TOTAL OPERATING WEIGHT - AL FIN		TOTAL OPERATING WEIGHT - CU FIN	
	LBS	kg	LBS	kg
30GXN/R283	18473	8334	20823	9446

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END VIEW

SIDE VIEW

END VIEW

DATE	SUPERCODES	REV
09/25/01	NFW 30GXN/R283 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	30GX505295 -

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CUT ALONG DOTTED LINE

CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

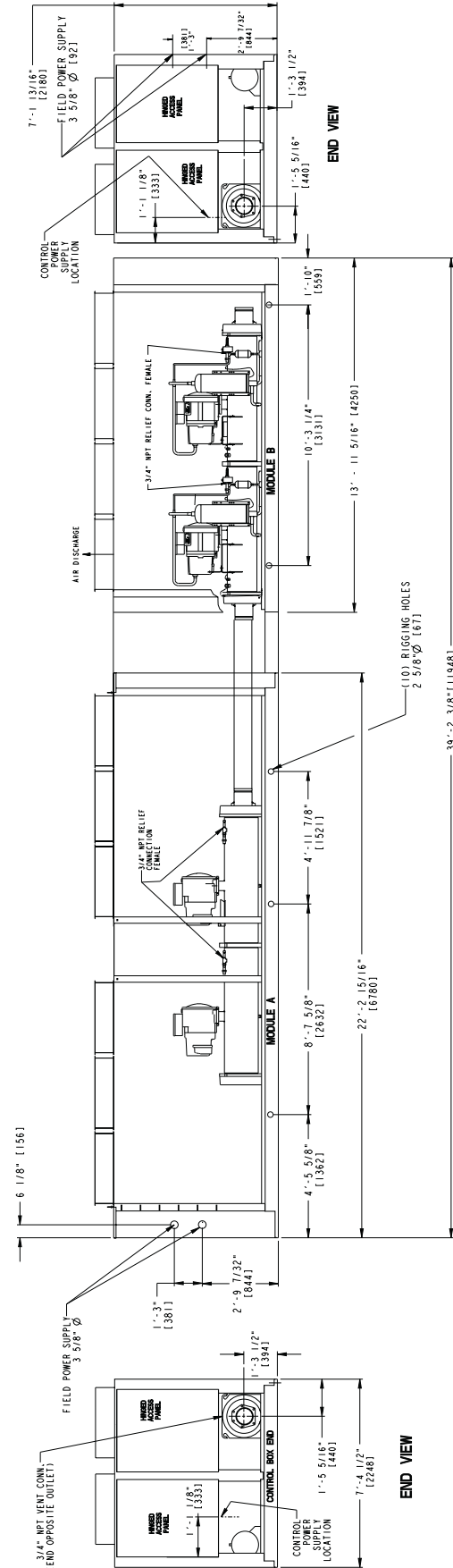
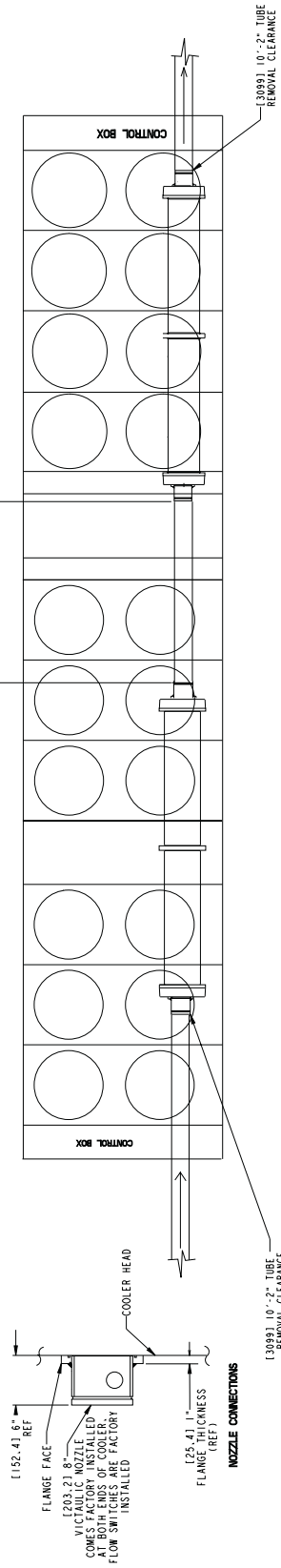
- NOTES: 1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP - DO NOT RESTRICT IN ANY WAY.
ENDS - (1524 MM) 5 FT. FROM SOLID SURFACE.
SIDES - (1829 MM) 6 FT. FROM SOLID SURFACE.
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP - DO NOT RESTRICT IN ANY WAY.
ENDS - (1524 MM) 5 FT. TO OUTSIDE EDGE OF HOODS.
SIDES - (1829 MM) 6 FT. TO OUTSIDE EDGE OF HOODS.
3. REFER TO DRAWINGS 30GX505245 & 5247 FOR INFORMATION NOT INCLUDED IN THIS DRAWING.

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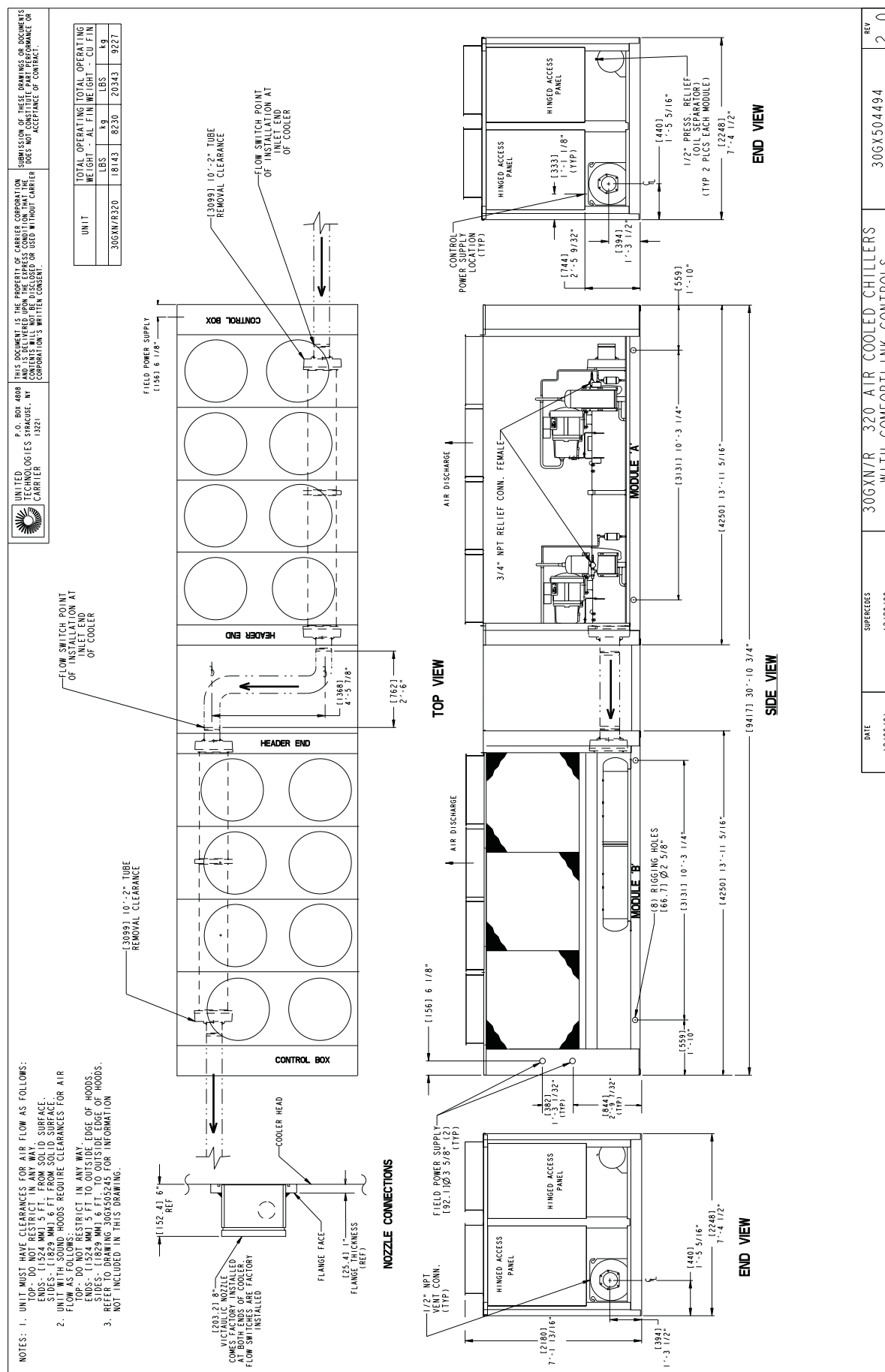
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UNIT	TOTAL OPERATING TOTAL OPERATING WEIGHT - AL FIN WEIGHT - CU T.F.M.			
30GXN/R303	LBS	kg	LBS	kg
	19068	8603	21686	9837



DATE	SUPERCEDES	30GXN/R303 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	REV
09/25/01	NEW		-

CERTIFIED DIMENSION PRINT



CUT ALONG DOTTED LINE

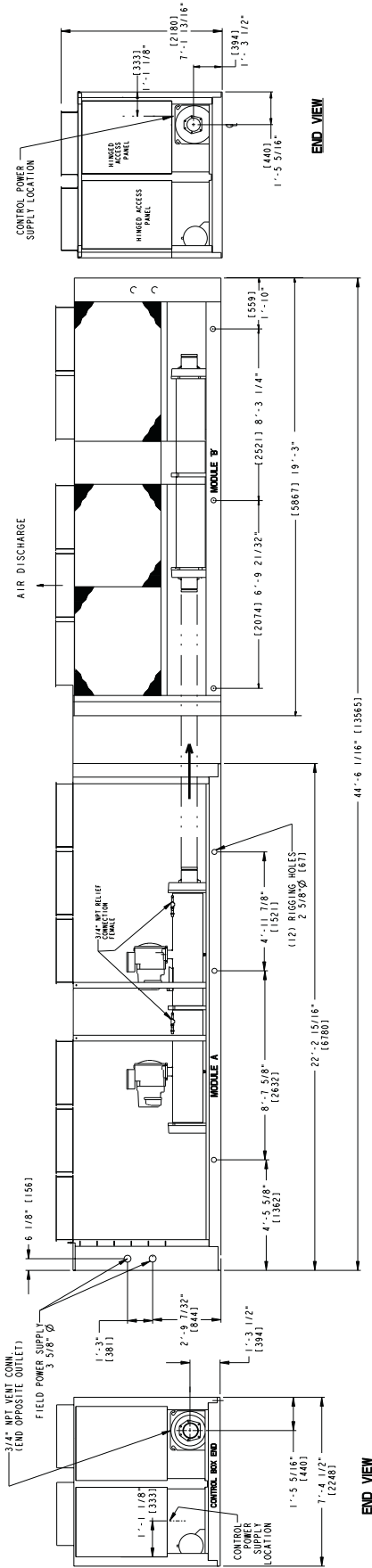
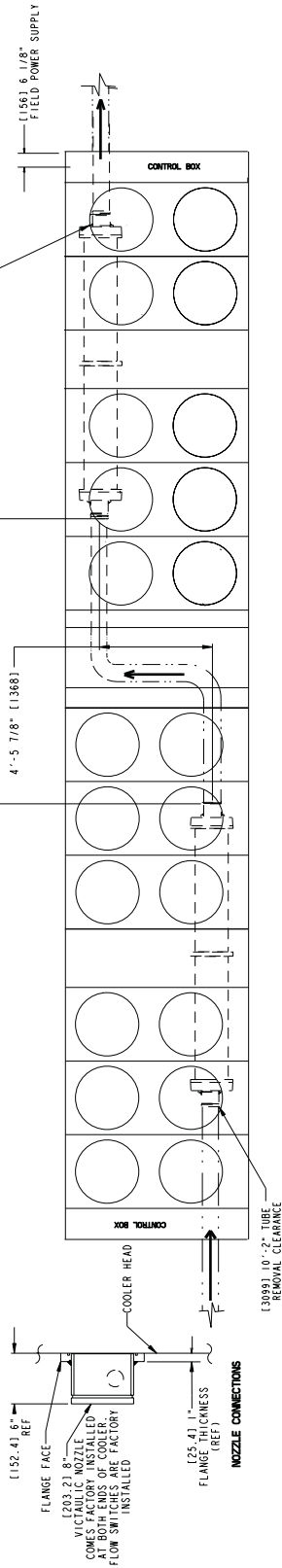
CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

- NOTES: 1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP: 30 IN. MIN. CLEARANCE TO CEILING AND 12 IN. MIN. TO OVERHEAD OBSTACLES.
ENDS: (11824 MM) 5 FT. FROM SOLID SURFACE.
SIDES: (11829 MM) 6 FT. FROM SOLID SURFACE.
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP: 30 IN. MIN. CLEARANCE TO CEILING AND 12 IN. MIN. TO OVERHEAD OBSTACLES.
ENDS: (11824 MM) 5 FT. TO OUTSIDE EDGE OF HOODS.
SIDES: (11829 MM) 6 FT. TO OUTSIDE EDGE OF HOODS.
3. REFER TO DRAWINGS 306X505246 & 5247 FOR INFORMATION NOT INCLUDED IN THIS DRAWING.

UNIT	TOTAL OPERATING TOTAL OPERATING	
	WEIGHT - AL FIN	WEIGHT - CU FIN
	LBS	KG
306XN/R328	19978	9062
	LBS	KG
	23046	10454

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DATE	SUPPLEMENTS	306XN/R328 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	REV
09/25/01	NEW	306X505297	-

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CUT ALONG DOTTED LINE

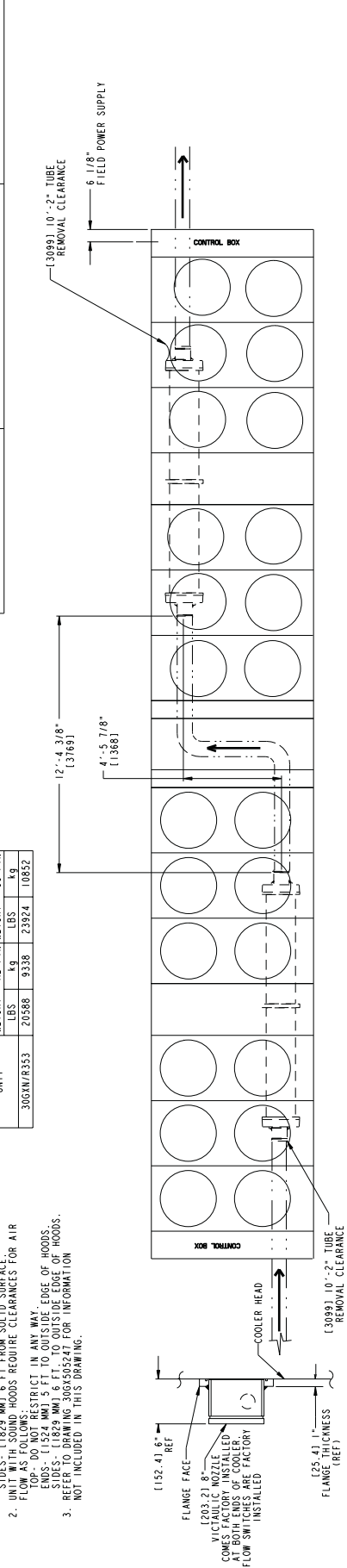
CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

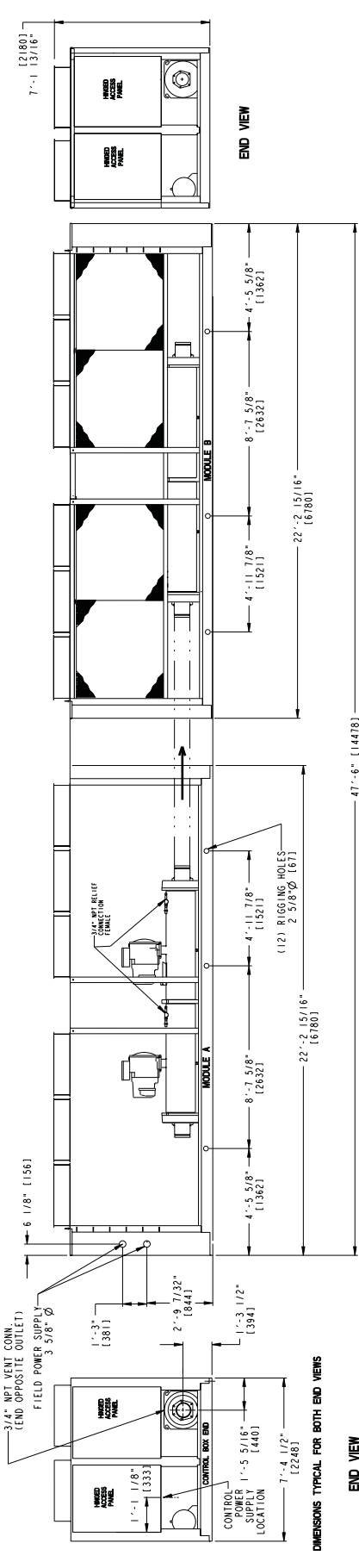
- NOTES: 1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
DO NOT REDUCE THE CLEARANCES FROM THE FOLLOWING:
SIZES- (1829 MM) 6 FT. FROM SOLID SURFACE.
SIZES- (1829 MM) 6 FT. FROM SOLID SURFACE.
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR FLOW AS FOLLOWS:
DO NOT REDUCE THE CLEARANCES FROM THE FOLLOWING:
SIZES- (1829 MM) 6 FT. TO OUTSIDE EDGE OF HOODS.
SIZES- (1829 MM) 6 FT. TO OUTSIDE EDGE OF HOODS.
3. REFER TO DRAWING 30GX505247 FOR INFORMATION NOT INCLUDED IN THIS DRAWING.

UNIT	TOTAL OPERATING TOTAL OPERATING WEIGHT - AL FIN WEIGHT - CU FIN			
30GXN/R353	LBS	kg	LBS	kg
	20588	9338	23924	10852

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NOZZLE CONNECTIONS



DIMENSIONS TYPICAL FOR BOTH END VIEWS

END VIEW

DATE	SUPERCEDS	30GXN/R353 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	REV
09/25/01	NEW	30GX505298	-

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CUT ALONG DOTTED LINE

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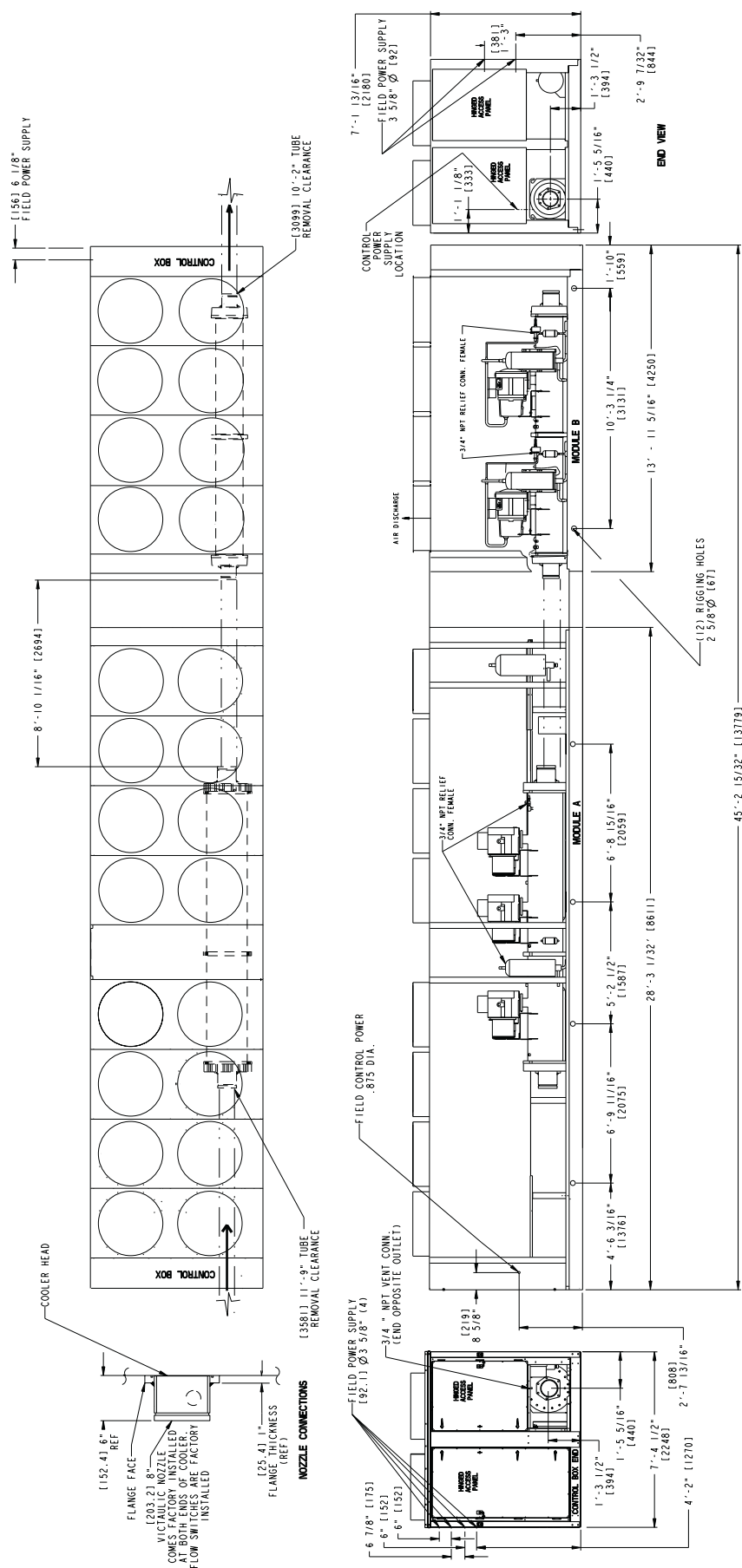
CERTIFIED DIMENSION PRINT

NOTES: 1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP - DO NOT RESTRICT IN ANY WAY
ENDS - (1524 MM) 5 FT. FROM SOLID SURFACE
SIDES - (1829 MM) 6 FT. FROM SOLID SURFACE
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP - DO NOT RESTRICT IN ANY WAY
ENDS - (1524 MM) 5 FT. FROM SOLID SURFACE
SIDES - (1829 MM) 6 FT. FROM SOLID SURFACE
3. REFER TO DRAWINGS 3063/05245 & 3249 FOR INFORMATION NOT INCLUDED IN THIS DRAWING.

UNIT	TOTAL OPERATING WEIGHT - AL FIN		TOTAL OPERATING WEIGHT - CU FIN	
	LBS	kg	LBS	kg
30GXN/R373	25525	11532	29680	13463

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DATE	SUPERCEDES	REV
09/25/01	30GXN/R373 AIR COOLED CHILLERS WITH COMEARTLINK CONTROLS NEW	30GY505299

CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

1. TOP - DO NOT RESTRICT IN ANY WAY.
ENDS - (1524 MM) 5 FT. FROM SOLID SURFACE.
SIDES - (1829 MM) 6 FT. FROM SOLID SURFACE.

2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR
FLOW AS FOLLOWS:
TOP - DO NOT RESTRICT IN ANY WAY.
ENDS - (1524 MM) 5 FT. TO OUTSIDE EDGE OF HOODS.
SIDES - (1829 MM) 6 FT. TO OUTSIDE EDGE OF HOODS.

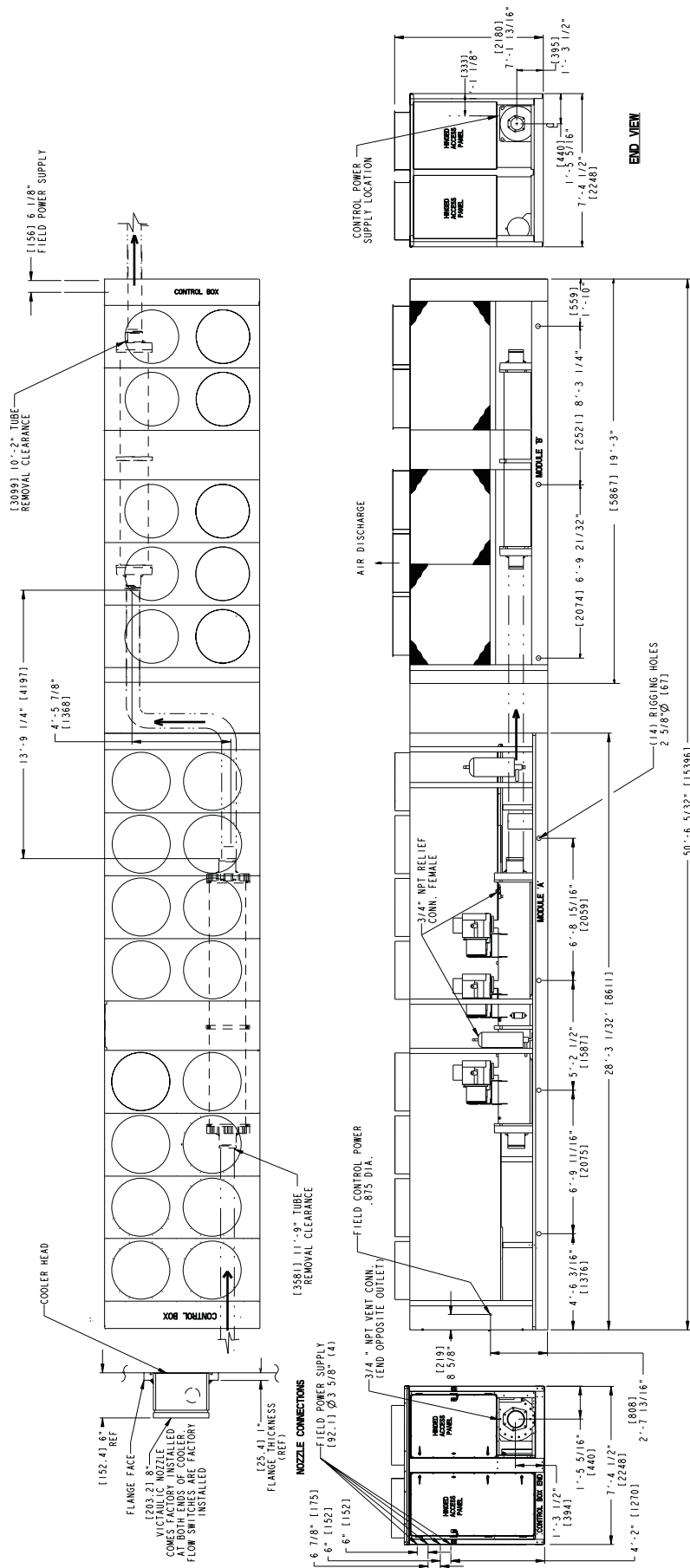
3. REFER TO DRAWINGS 306X05246 & 5249 FOR INFORMATION
NOT INCLUDED IN THIS DRAWING.

UNIT	TOTAL OPERATING WEIGHT - AL FIN		TOTAL OPERATING WEIGHT - CU FIN	
	LBS	kg	LBS	kg
30GXN/R393	26420	11984	31025	14073
30GXN/R418	26435	11991	31040	14080



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30GXN/R393 & 418 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	30GX505300
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DATE	SUPERCEDES
09/25/01	NEW

REV -

CERTIFIED DIMENSION PRINT

- NOTES: 1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP- DO NOT RESTRICT IN ANY WAY.
ENDS- (1524 MM) 5 FT. FROM SOLID SURFACE.
SIDES- (1829 MM) 6 FT. FROM SOLID SURFACE.
2. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP- DO NOT RESTRICT IN ANY WAY.
ENDS- (1524 MM) 5 FT. TO OUTSIDE EDGE OF HOODS.
SIDES- (1829 MM) 6 FT. TO OUTSIDE EDGE OF HOODS.
3. REFERENCE DIMENSIONS 306X504516 FOR INFORMATION NOT INCLUDED IN THIS DRAWING.

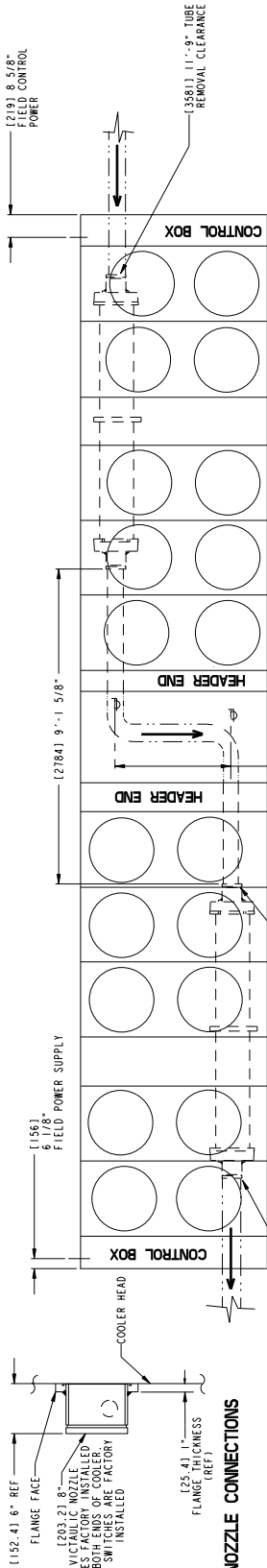


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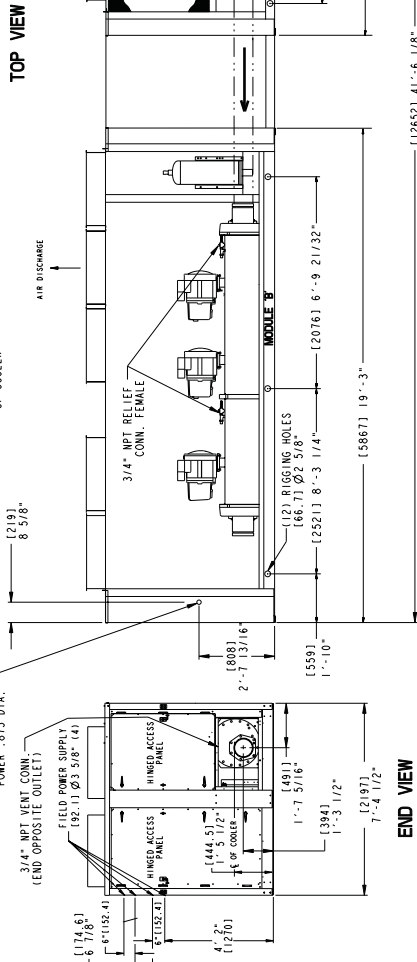
UNIT	TOTAL OPERATING WEIGHT LBS. - 1/2	HEIGHT IN. - 1/2	OPERATING WEIGHT LBS. - 1/2
306XN/R410	25400	11562	28350
306XN/R440	23970	11780	28720
306XN/R450	23970	11780	28720

FLOW SWITCH POINT
OF INSTALLATION AT
INLET END
OF COOLER



NOZZLE CONNECTIONS

TOP VIEW



END VIEW



SIDE VIEW

END VIEW



DATE	SUPERCHARGES	306XN/R410, 440, 450 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	REV
11/28/01	12/20/00	306X504516	2.0

CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

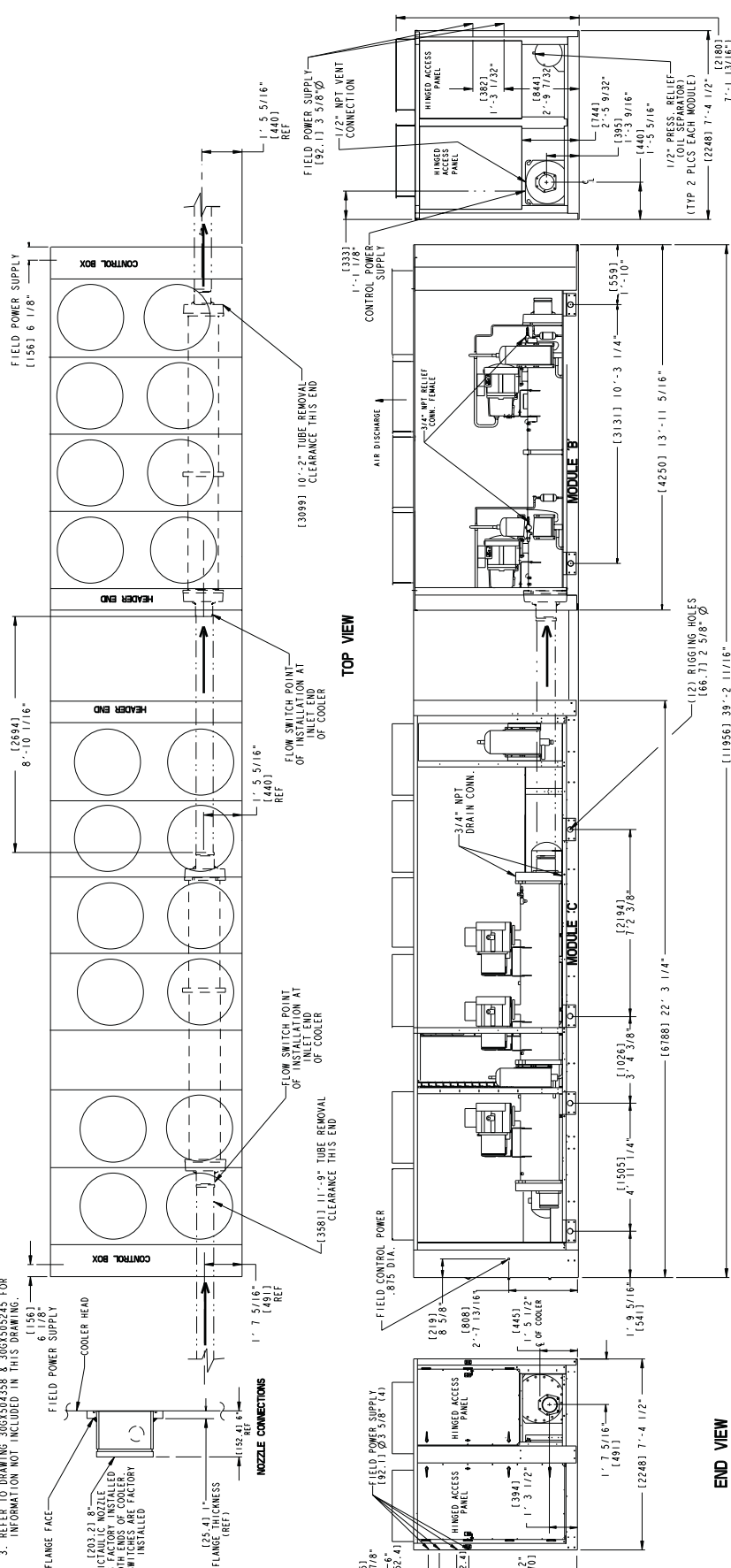
UNIT	TOTAL OPERATING WEIGHT - AL FIN		TOTAL OPERATING WEIGHT - CU FIN	
	LBS	kg	LBS	kg
30GYN/R415	22974	10421	25774	11691

1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP: DO NOT RESTRICT IN ANY WAY.
ENDS: (1524 MM) 5 FT. FROM SOLID SURFACE.
SIDES: (1829 MM) 6 FT. FROM SOLID SURFACE.
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP: DO NOT RESTRICT IN ANY WAY.
ENDS: (1524 MM) 5 FT. TO OUTSIDE EDGE OF HOODS.
SIDES: (1829 MM) 6 FT. TO OUTSIDE EDGE OF HOODS.
3. REFER TO DRAWING 306X50404358 & 306X505245 FOR HOODS.
3. INFORMATION NOT INCLUDED IN THIS DRAWING.

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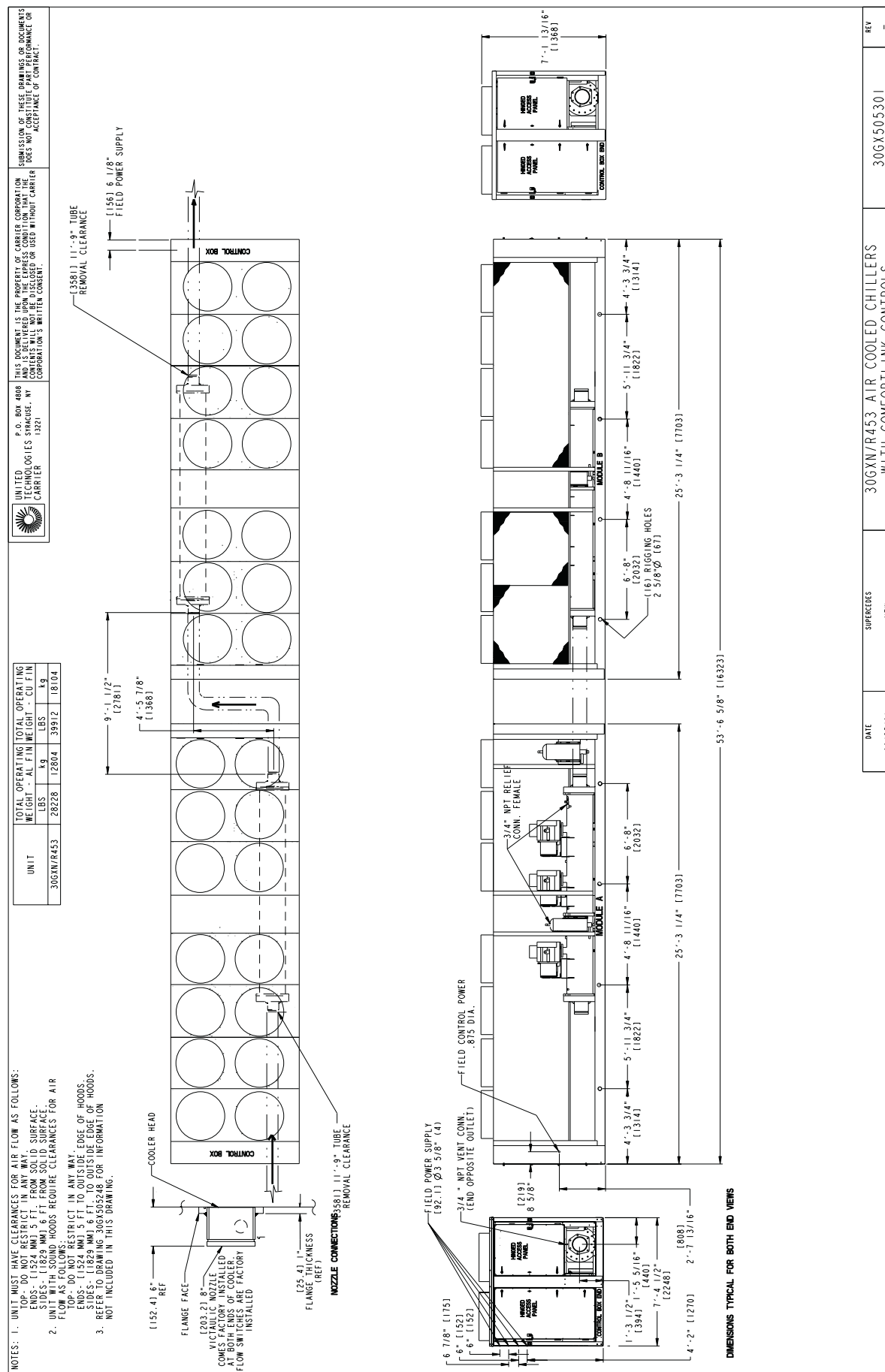


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DATE	SUPERCODES	REV
11/28/01	30GXN/R415 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	30GX504498 2.0

CERTIFIED DIMENSION PRINT



CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

TOP- DO NOT RESTRICT IN ANY WAY.
ENDS- (1524 MM) 5 FT. FROM SOLID SURFACE.
SIDES- (1920 MM) 6 FT. FROM SOLID SURFACE.

TOP- DO NOT RESTRICT IN ANY WAY.
ENDS- (1524 MM) 5 FT TO OUTSIDE EDGE OF HOODS.

NOT INCLUDED IN HIS DRAWING.

[152.4] 6" REF

[203.2] 8" VICTAULIC NOZZLE

FLOW SWITCHES ARE FACTORY
INSTALLED

[25.4] 1"

NOZZLE CONNECTIONS

6 7/8" (175)

6" [152] 3/4" NPT (END OPPOSITE)

4'-2" [1270]

1'-3 1/2" —

[440]

DIMENSIONS TYPICAL FOR BOTH END VIEWS

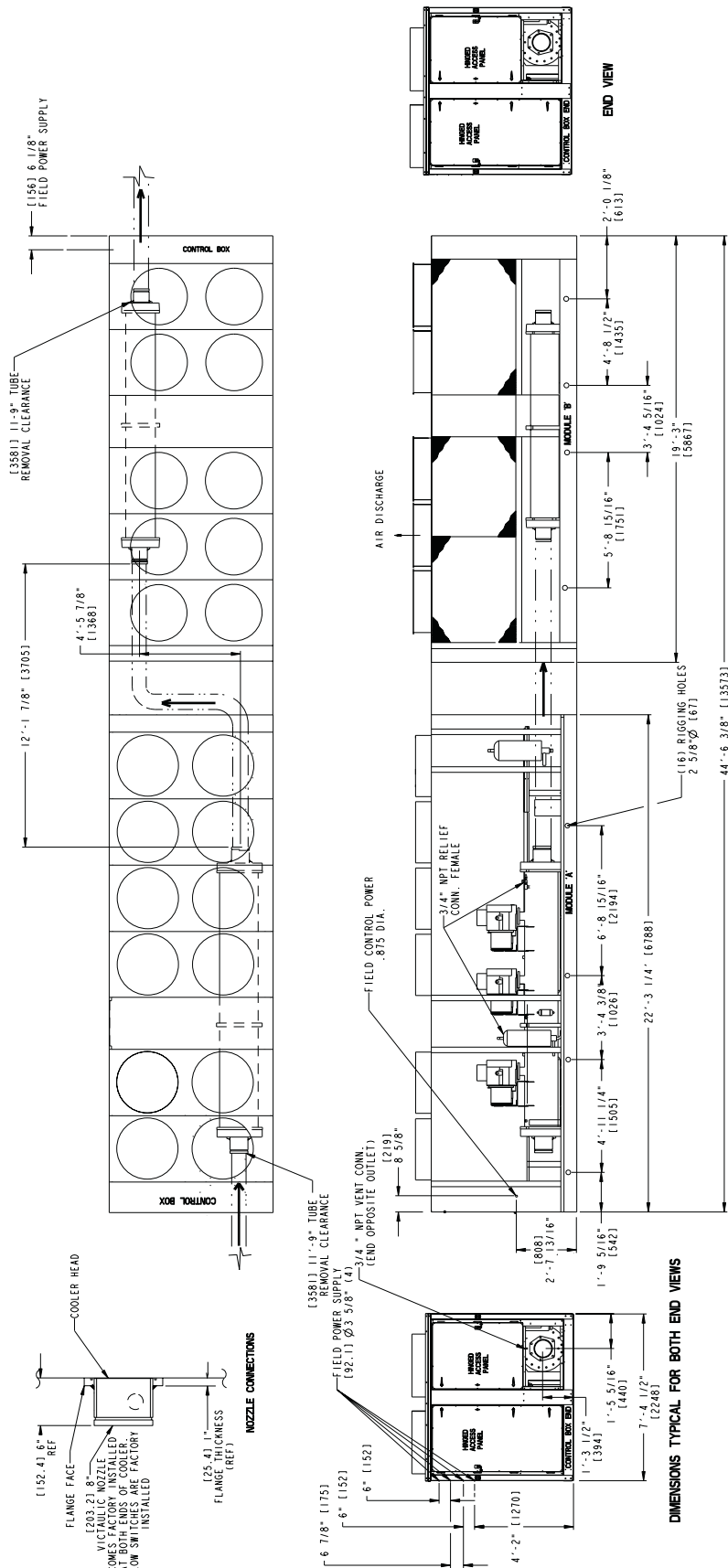
UNIT	TOTAL OPERATING WEIGHT - AL FIN		TOTAL OPERATING WEIGHT - CU FIN	
	LBS	kg	LBS	kg
30GXM/R470	26572	12180	23615	13343
30GXM/R475	26852	12053	22628	13575



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DIMENSIONS TYPICAL FOR BOTH END VIEWS

DATE	SUPERCIDES	REV
11/28/01	30GXN/R470 & 475 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	2.0

CERTIFIED DIMENSION PRINT

- NOTES: 1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP- DO NOT RESTRICT IN ANY WAY.
ENDS- (11524 MM) 5' 11" FROM SOLID SURFACE.
SIDES- (11524 MM) 5' 11" FROM SOLID SURFACE.
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP- DO NOT RESTRICT IN ANY WAY.
ENDS- (11524 MM) 5' 11" FROM SOLID SURFACE.
SIDES- (11524 MM) 5' 11" FROM SOLID SURFACE.
3. REFER TO DRAWINGS 30GX505248 & 5249 FOR INFORMATION NOT INCLUDED IN THIS DRAWING.



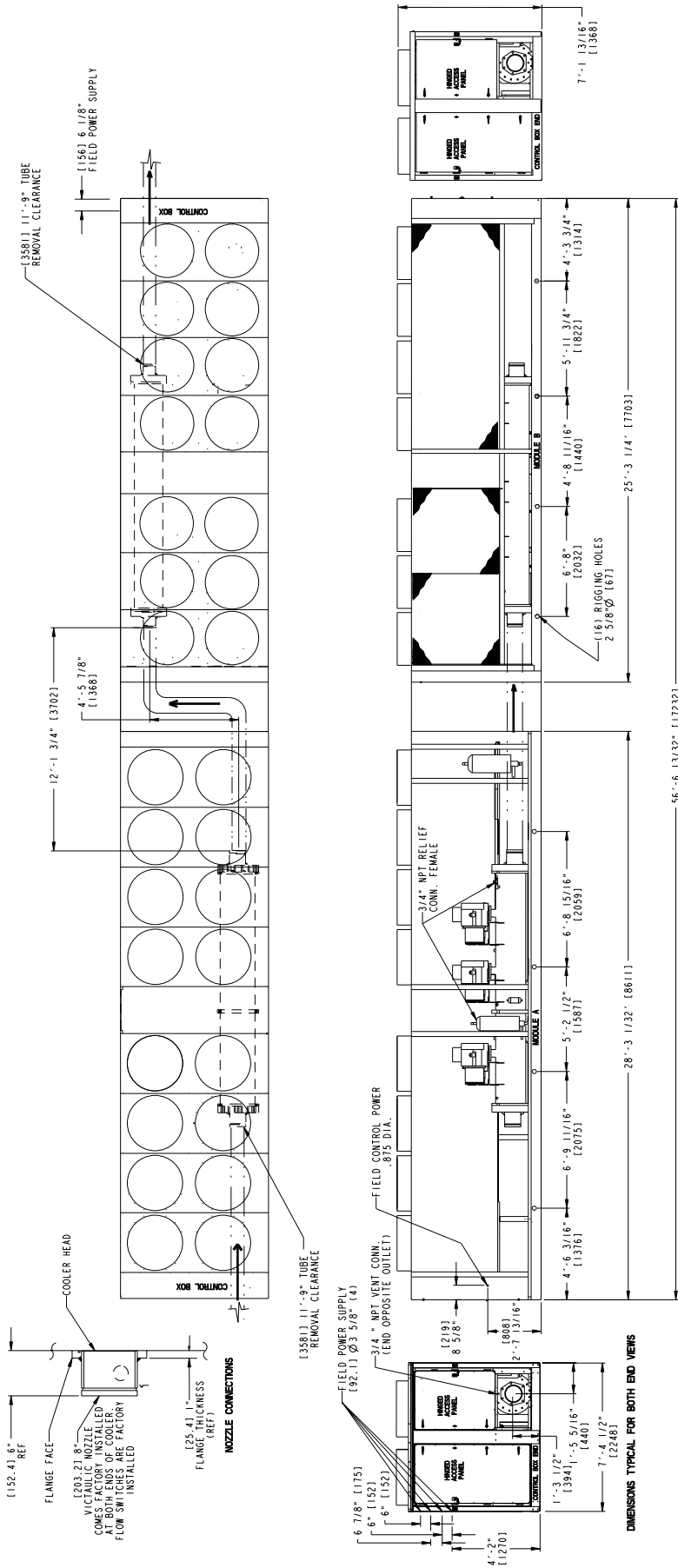
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UNIT	TOTAL OPERATING TOTAL OPERATING			
	WEIGHT	AL FIN WEIGHT	CU FIN	
30GXN/R478	LBS	KG	LBS	KG
	30850	13993	39897	18097



DATE	SUPERCODES	30GXN/R478 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	REV
09/25/01	NEW	30GX505302	-

CUT ALONG DOTTED LINE

CUT ALONG DOTTED LINE

CERTIFIED DIMENSION PRINT

- NOTES: 1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP- DO NOT RESTRICT IN ANY WAY.
ENDS- (1524 MM) 5 FT. FROM SOLID SURFACE.
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP- DO NOT RESTRICT IN ANY WAY.
ENDS- (1524 MM) 5 FT. TO OUTSIDE EDGE OF HOODS.
3. REFER TO DRAWINGS 306X505488 FOR INFORMATION NOT INCLUDED IN THIS DRAWING.



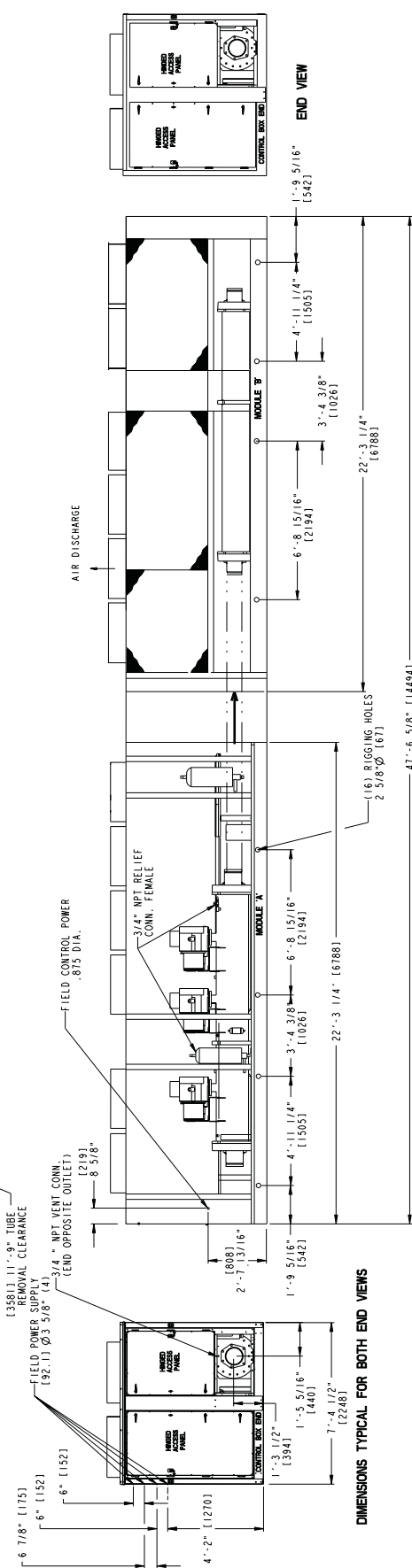
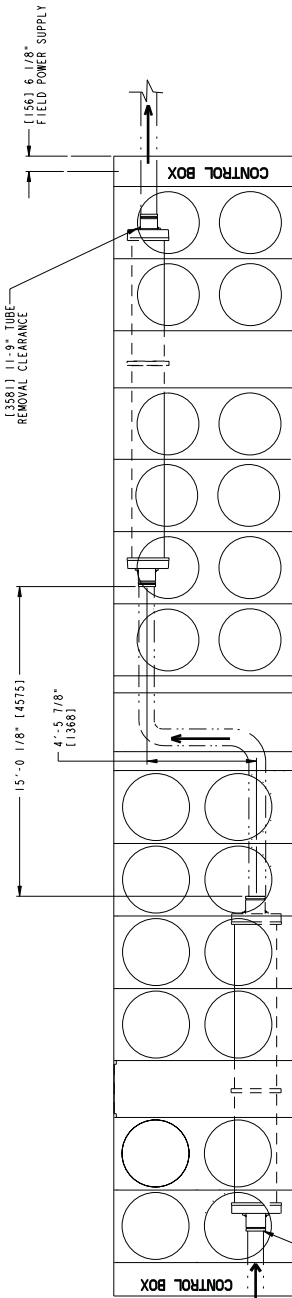
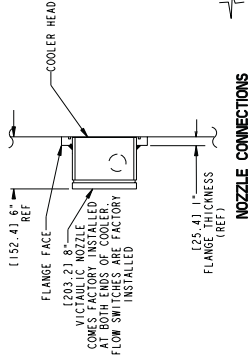
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CLIMATE CONTROL

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13221

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UNIT	TOTAL OPERATING		TOTAL OPERATING	
	WEIGHT - LBS	AL FIN WEIGHT - CU IN	WEIGHT - KG	AL FIN WEIGHT - CU IN
306XN/R495	27174	12326	30510	13840
306XN/R500	27134	12580	31134	14122
306XN/R520	27604	12612	31204	14154
306XN/R525	27604	12612	31204	14154



DIMENSIONS TYPICAL FOR BOTH END VIEWS

DATE	SUPERCEDES	306XN/R495, 500, 520 & 525 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	REV
11/28/01	09/25/01	306X505488	2.0

CERTIFIED DIMENSION PRINT

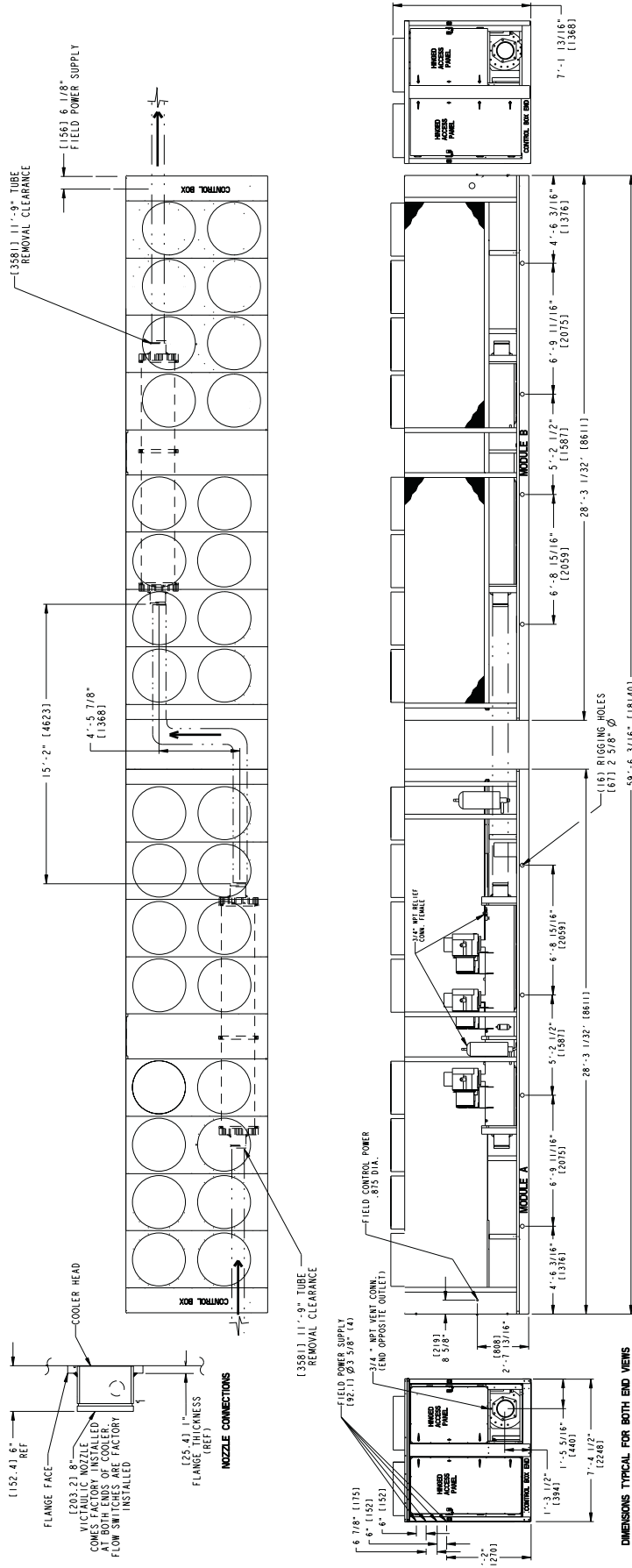
- NOTES: 1. UNIT MUST HAVE CLEARANCES FOR AIR FLOW AS FOLLOWS:
TOP- DO NOT RESTRICT IN ANY WAY. SURFACE
CLEARANCE TO TOP OF HOODS SHALL BE 18" MIN.
SIDES- 11829 MM 6 FT. FROM SOLID SURFACE.
2. UNIT WITH SOUND HOODS REQUIRE CLEARANCES FOR AIR
FLOW AS FOLLOWS:
DO NOT RESTRICT IN ANY WAY.
TOP- 18" MIN. CLEARANCE TO TOP OF HOODS.
SIDES- 11829 MM 6 FT. TO OUTSIDE EDGE OF HOODS.
3. REFER TO DRAWING 30G505249 FOR INFORMATION
NOT INCLUDED IN THIS DRAWING.



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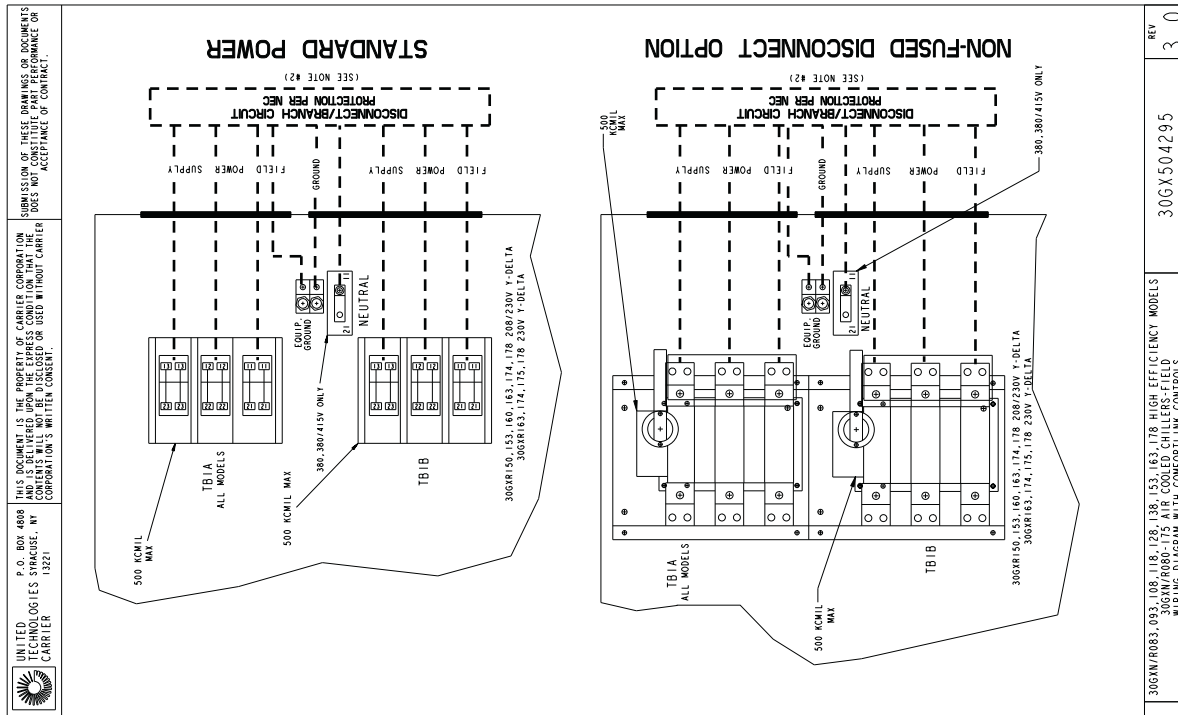
UNIT	TOTAL OPERATING WEIGHT - AL F IN WEIGHT - CU IN		TOTAL OPERATING WEIGHT - LBS		TOTAL OPERATING WEIGHT - KG	
30GXR/5503	33472	15182	39882	18090		
30GXR/5528	33502	15196	39912	18104		



DATE	SUPERSEDES	30GXR/5503 & 528 AIR COOLED CHILLERS WITH COMFORTLINK CONTROLS	REV
09/25/01	NEW	30G505303	-

CUT ALONG DOTTED LINE

FIELD WIRING DIAGRAM



FIELD WIRING DIAGRAM

