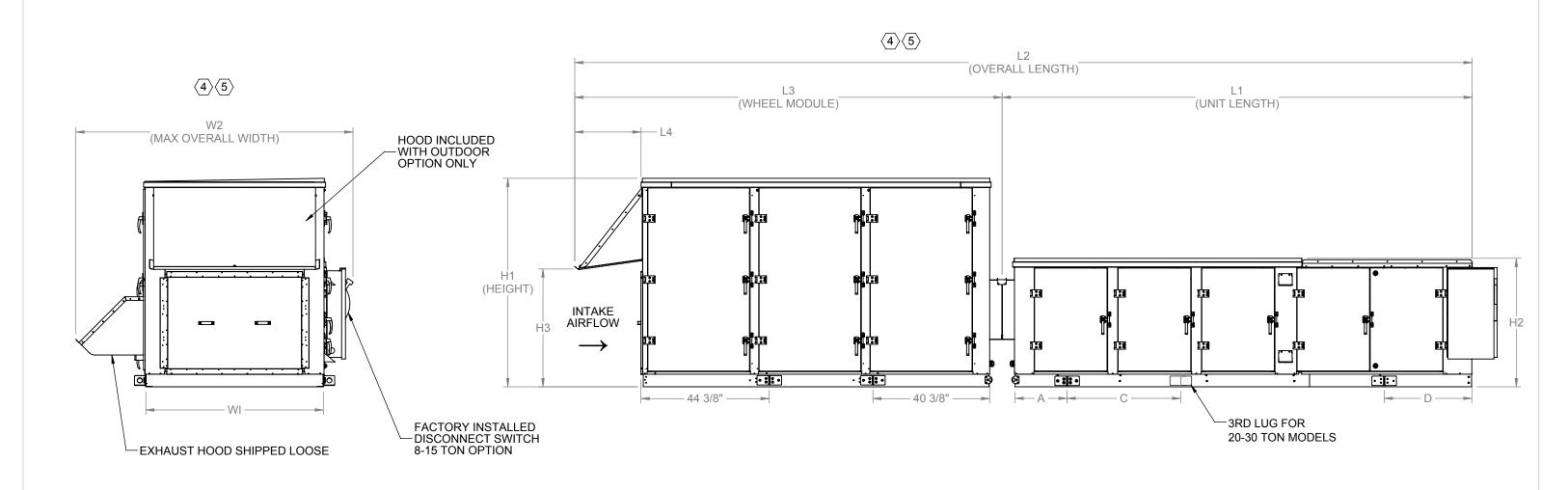
	_	_	_	
G80	h-l	M	n	Δ

AIR FLOW	UNIT CABINET SIZES	UNIT SIZE (TONS)	L1	W1	H1	H2	L2	W2	L3	НЗ	L4	А	В	С
		08	162 1/2	61 3/8	72	50	310 1/4	73 3/8	147 3/4	40 5/8	21 3/4	18 7/8	30 3/8	N/A
DOWN	50	10	162 1/2	61 3/8	72	50	310 1/4	73 3/8	147 3/4	40 5/8	21 3/4	18 7/8	30 3/8	N/A
FLOW	30	12	162 1/2	61 3/8	72	50	310 1/4	73 3/8	147 3/4	40 5/8	21 3/4	18 7/8	30 3/8	N/A
		15	162 1/2	61 3/8	72	50	310 1/4	73 3/8	147 3/4	40 5/8	21 3/4	18 7/8	30 3/8	N/A
DOME		20	188 1/2	94 1/4	98 3/8	73 1/8	331 3/4	106	143 1/4	51	21 7/8	38 1/4	33 3/8	61 1/8
DOWN FLOW	82	25	188 1/2	94 1/4	98 3/8	73 1/8	331 3/4	106	143 1/4	51	21 7/8	38 1/4	33 3/8	61 1/8
		30	188 1/2	94 1/4	98 3/8	73 1/8	331 3/4	106	143 1/4	51	21 7/8	38 1/4	33 3/8	61 1/8



## GENERAL NOTE AS REFERENCED BY INDIVIDUAL SHEETS

- PORTION OF SECTIONED OR DETAILED DRAWING HAS BEEN OMITTED FOR CLARITY.
- $\langle 2 \rangle$  HOODS OMITTED FOR CLARITY.
- $\langle \overline{3} \rangle$  VIEW IS FOR PICTORIAL PURPOSES. REFER TO PAGE 1 FOR THE UNIT TYPE SPECIFIC VIEW.
- $\langle 4 \rangle$  LEFT OR RIGHT SIDE EXHAUST OPTION IS TO BE SELECTED AT TIME OF ORDERING.
- (5) LEFT BOTTOM OR RIGHT SIDE RETURN AIR OPTION IS TO BE SELECTED AT TIME OF ORDERING.

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Specifications and dimensions are subject to change without notice.

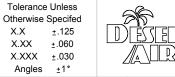
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 Otherwise Specified
 X.XX ±.060

 X.XXX ±.030
 Angles ±1°

 Drawn
 Date Release



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Third Angle Projection Sheet

scription

AURA Q-PUMP W/WHEEL
Page Title

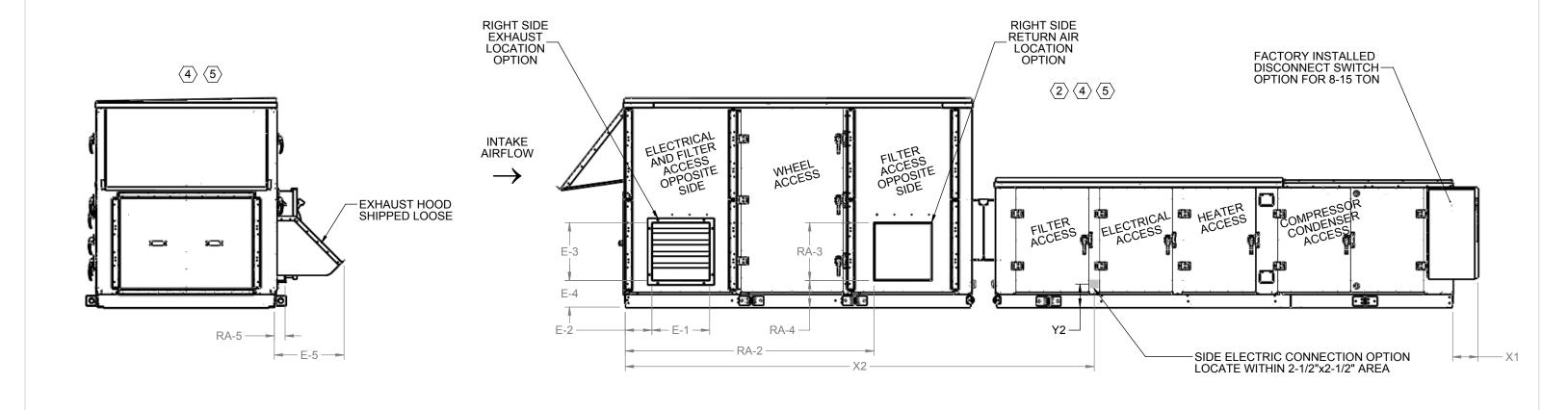
1/10 Page Title GENERAL ARRANGEMENT

NTS Rev. Drawing Number G806-004

G806-004

DISCONNECT	
RATING	X1
AMPS	
30	1 7/8
60	1 7/8
100	1 7/8
200	8 3/4

UNIT	LINIT OLZE		RETURN AIR CONNECTION					EXHAUST AIR HOOD					CTRICAL
CABINET	UNIT SIZE (TONS)	RA-1	RA-2	RA-3	RA-4	RA-5	E-1	E-2	E-3	E-4	E-5	CONNECTION	
SIZES	, ,	IVA-1	INA-2	NA-5		104-5		<b>6</b> 2				X2	Y2
	08	20	83 1/4	20	9 1/8	3 1/2	20	6 3/8	20	9 1/8	24 1/8	162 1/4	7 1/4
50	10	20	83 1/4	20	9 1/8	3 1/2	20	6 3/8	20	9 1/8	24 1/8	162 1/4	7 1/4
30	12	20	83 1/4	20	9 1/8	3 1/2	20	6 3/8	20	9 1/8	24 1/8	162 1/4	7 1/4
	15	20	83 1/4	20	9 1/8	3 1/2	20	6 3/8	20	9 1/8	24 1/8	162 1/4	7 1/4
	20	30	81 1/8	31 1/2	8 1/2	3 5/8	30	4 1/4	30	9 1/4	25 5/8	169 1/2	8 3/4
82	25	30	81 1/8	31 1/2	8 1/2	3 5/8	30	4 1/4	30	9 1/4	25 5/8	169 1/2	8 3/4
	30	30	81 1/8	31 1/2	8 1/2	3 5/8	30	4 1/4	30	9 1/4	25 5/8	169 1/2	8 3/4



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Part weight

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Angles

MHB Third Angle Projection Sheet

Tolerance Unless

Otherwise Specifed

X.XX ±.060

X.XXX ±.030 ±1°

±.125

AURA Q-PUMP W/WHEEL

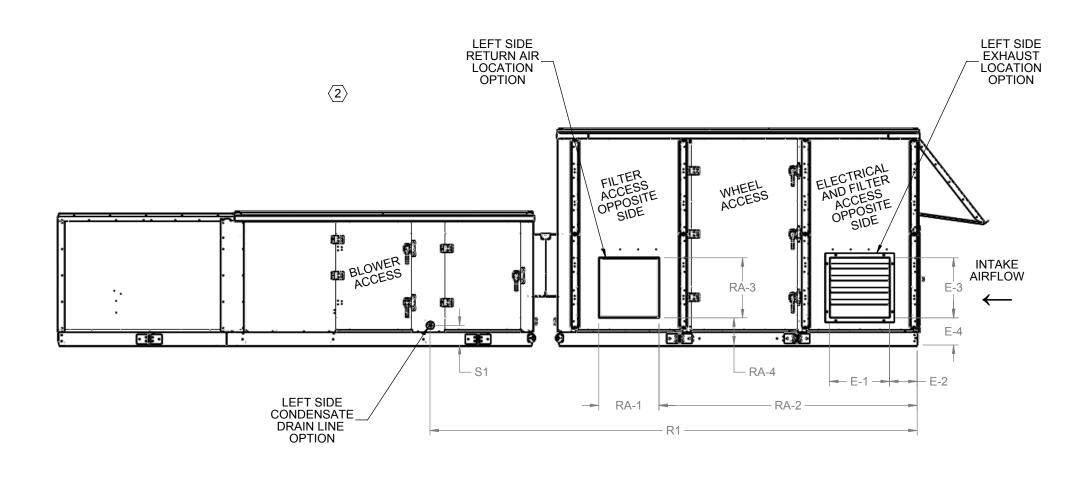
Page Title RIGHT SIDE EXHAUST / RA 2/10

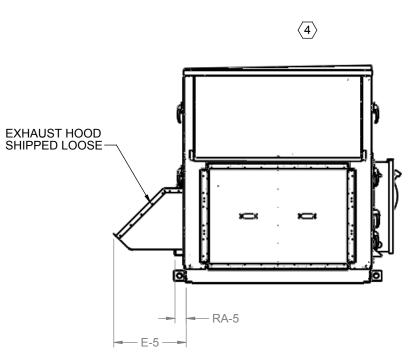
G806-004 4 NTS

NOTE: REFER TO SHEET 1 FOR GENERAL NOTES.

		04

UNIT	UNIT SIZE		RETURN AIR CONNECTION				EXHAUST AIR HOOD					CONDENSATE	
CABINET SIZES	(TONS)	RA-1	RA-2	RA-3	RA-4	RA-5	E-1	E-2	E-3	E-4	<b>E</b> -5	R1	S1
	08	20	89	20	9 1/8	3 1/2	20	12	20	9 1/8	24 1/8	162 3/8	6 3/4
50	10	20	89	20	9 1/8	3 1/2	20	12	20	9 1/8	24 1/8	162 3/8	6 3/4
30	12	20	89	20	9 1/8	3 1/2	20	12	20	9 1/8	24 1/8	162 3/8	6 3/4
	15	20	89	20	9 1/8	3 1/2	20	12	20	9 1/8	24 1/8	162 3/8	6 3/4
	20	30	81 1/8	31 1/2	8 1/2	3 5/8	30	4 1/4	30	9 1/4	25 5/8	156 1/8	8 1/2
82	25	30	81 1/8	31 1/2	8 1/2	3 5/8	30	4 1/4	30	9 1/4	25 5/8	156 1/8	8 1/2
	30	30	81 1/8	31 1/2	8 1/2	3 5/8	30	4 1/4	30	9 1/4	25 5/8	156 1/8	8 1/2





NOTE: REFER TO SHEET 1 FOR GENERAL NOTES.

CUSTOMER CONNECTION LINE SIZE (in.)											
UNIT SIZE	UNIT SIZE         8 TONS         10 TONS         12 TONS         15 TONS         20 TONS         25 TONS         30 TONS										
CONDENSATE (PVC)	3/4	3/4	3/4	3/4	1 1/2	1 1/2	1 1/2				

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Part weight

Tolerance Unless Otherwise Specifed ±.125 X.XX ±.060 X.XXX ±.030

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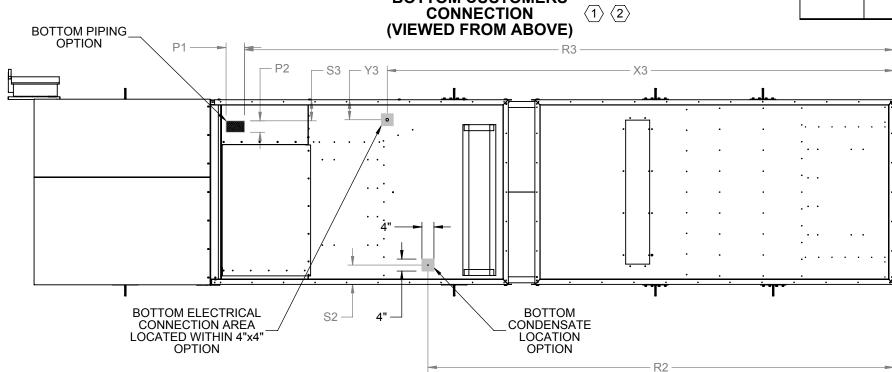
Third Angle Projection Sheet

Angles ±1° Date Released MHB

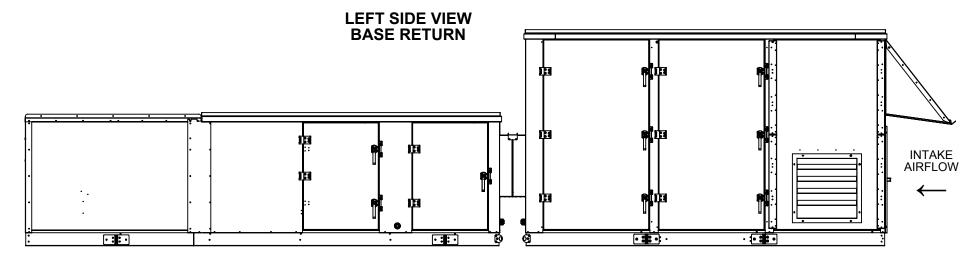
AURA Q-PUMP W/WHEEL

LEFT SIDE EXHAUST / RA 3/10 G806-004 4 NTS

AIR FLOW	UNIT CABINET SIZES	UNIT SIZE (TONS)	R2	<b>S</b> 2	Х3	Y3	P1	P2	R3	<b>S</b> 3
		08	155 1/4	6 3/8	168 7/8	6 1/2	8	5	216	6 1/2
DOWN	50	10	155 1/4	6 3/8	168 7/8	6 1/2	8	5	216	6 1/2
FLOW	W 50	12	155 1/4	6 3/8	168 7/8	6 1/2	8	5	216	6 1/2
		15	155 1/4	6 3/8	168 7/8	6 1/2	8	5	216	6 1/2
		20	162	6 3/8	179 3/4	6 5/8	12	8	235 1/2	6 3/8
FLOW	DOWN FLOW 82	25	162	6 3/8	179 3/4	6 5/8	12	8	235 1/2	6 3/8
		30	162	6 3/8	179 3/4	6 5/8	12	8	235 1/2	6 3/8



**BOTTOM CUSTOMERS** 



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Part weight

X.XX ±.060 X.XXX ±.030 Angles ±1° Date Released

Tolerance Unless

Otherwise Specifed

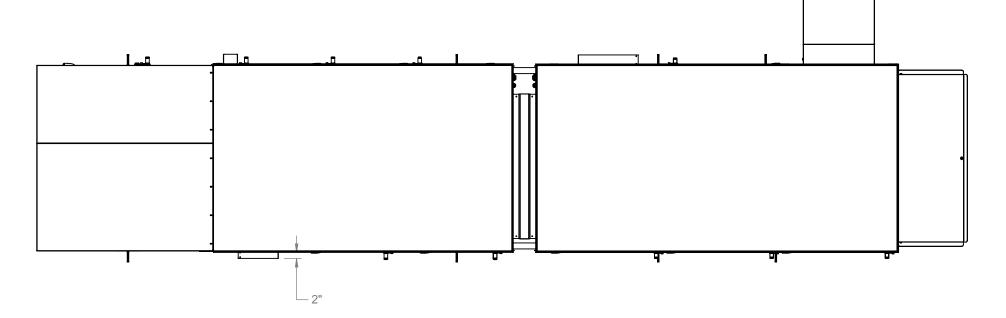
±.125

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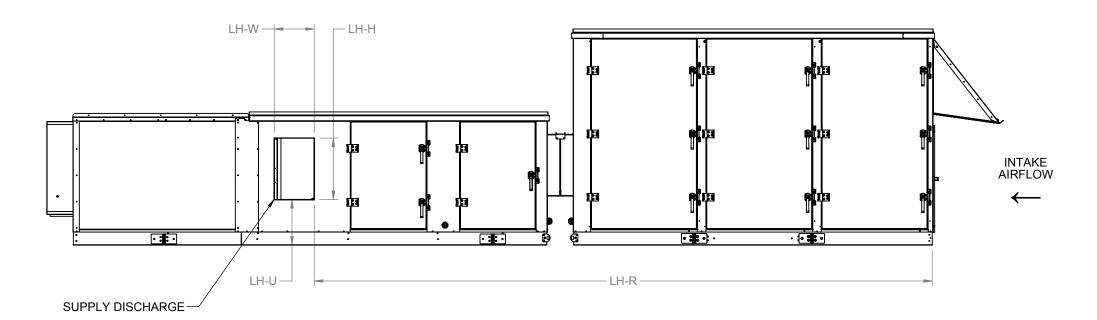
AURA Q-PUMP W/WHEEL

**CUSTOMER INTERFACE** 4/10 G806-004 4 NTS



UNIT	1 N II T 01 7 E	SIE	DE SUPPLY D	ISCHARGE (i	n.)
CABINET SIZES	UNIT SIZE (TONS)	LH-W	LH-H	LH-U	LH-R
	08	13 3/8	20 1/2	15 1/8	206
50	10	13 3/8	20 1/2	15 1/8	206
30	12	13 3/8	20 1/2	15 1/8	206
	15	13 3/8	20 1/2	15 1/8	206
	20	20 1/8	40 1/8	13 1/4	227
82	25	20 1/8	40 1/8	13 1/4	227
	30	20 1/8	40 1/8	13 1/4	227

## DISCHARGE RETURN VIEW



NOTE: REFER TO SHEET 1 FOR GENERAL NOTES. REFER TO CURB DETAILS GA SHEETS FOR RETURN DUCT DIMENSION AND LOCATIONS. THE STANDARD AND RETURN AIR CURBS SHOULD BE USED.

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Part weight

Tolerance Unless Otherwise Specifed X.X ±.125 X.XX ±.060 X.XXX ±.030 Angles ±1°

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AURA Q-PUMP W/WHEEL Page Title

5/10 4 NTS

Date Released

SIDE DISCHARGE

G806-004

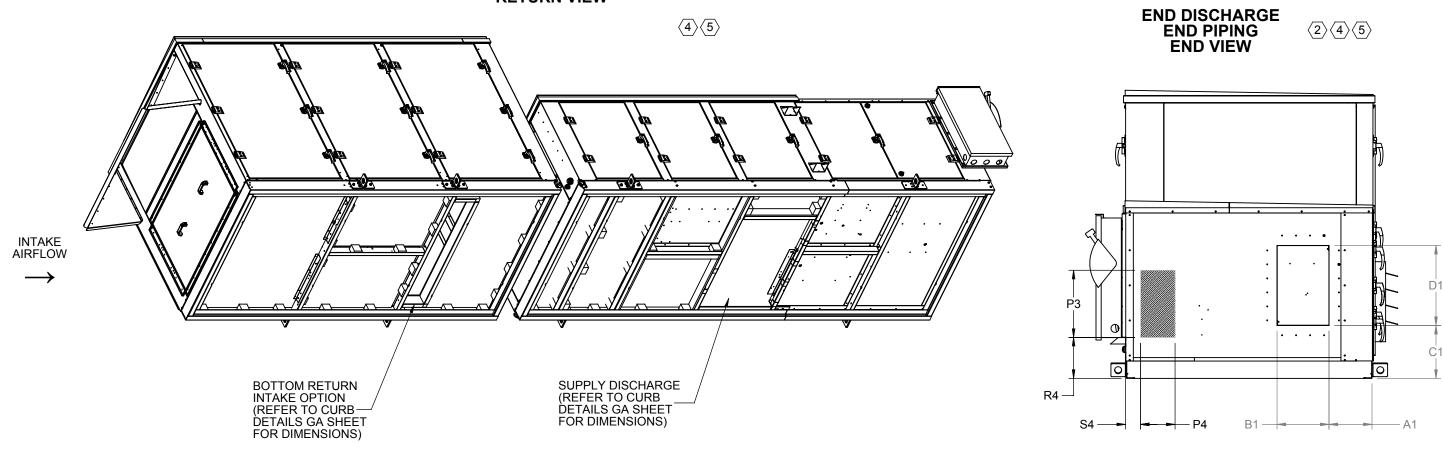
G8		

	AIR FIL	TER QUANT	TITY AND SIZ	ZETABLE	
UNIT FILTER QTY	UNIT FILTER SIZE	WHEEL MODULE RETURN AIR FILTER QTY	WHEEL MODULE RETURN AIR FILTER SIZE	WHEEL MODULE OUTSIDE AIR FILTER QTY	WHEEL MODULE OUTSIDE AIR FILTER SIZE
6	20x16x4	3	24x20x4	3	24x20x4
6	20x16x4	3	24x20x4	3	24x20x4
6	20x16x4	3	24x20x4	3	24x20x4
6	20x16x4	3	24x20x4	3	24x20x4
8	24x20x4	8	24x20x2	8	24x20x2
8	24x20x4	8	24x20x2	8	24x20x2
8	24x20x4	8	24x20x2	8	24x20x2

UNIT CABINET SIZE (TONS)		DOWN DISCHARGE, DOWN RETURN	FOR ELECTRIC HEATER ADD	WHEEL MODULE ESTIMATED BASE	A1	B1	C1	D1	P3	P4	R4	<b>S</b> 4
	ESTIMATED BASE WEIGHT (LBS)	(LBS)	WEIGHT (LBS)	WEIGHT								
	08	2120	170	2040	10 7/8	13	13 1/4	20	8	6	8	16
50	10	2222	170	2040	10 7/8	13	13 1/4	20	8	6	8	16
00	12	2233	170	2044	10 7/8	13	13 1/4	20	8	6	8	16
	15	2242	170	2105	10 7/8	13	13 1/4	20	8	6	8	16
	20	4063	240	3445	9 1/2	18	28 1/4	24	12	6	9	26
82	25	4114	240	3540	9 1/2	18	28 1/4	24	12	6	9	26
	30	4580	240	3540	9 1/2	18	28 1/4	24	12	6	9	26

NOTE: TO CALCULATE THE SYSTEM WEIGHT ADD THE BASE WEIGHT TO THE WHEEL MODULE AND THE HEATER OPTION WEIGHT.

DISCHARGE **RETURN VIEW** 



REFER TO SHEET 1 FOR GENERAL NOTES. WEIGHTS SHOWN REFLECT FULLY OPTIONED ESTIMATED UNIT WEIGHT. REFER TO CURB DETAILS GA SHEETS FOR SUPPLY DUCT DIMENSION AND LOCATIONS.

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Tolerance Unless Otherwise Specifed ±.125 X.XX ±.060 X.XXX ±.030

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Angles ±1° Date Released

AURA Q-PUMP W/WHEEL MHB

Page Title DOWN DISCHARGE 6/10

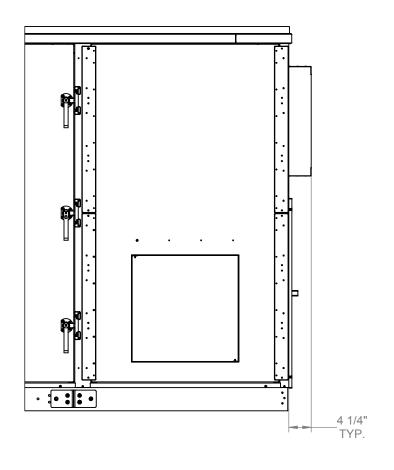
Part weight

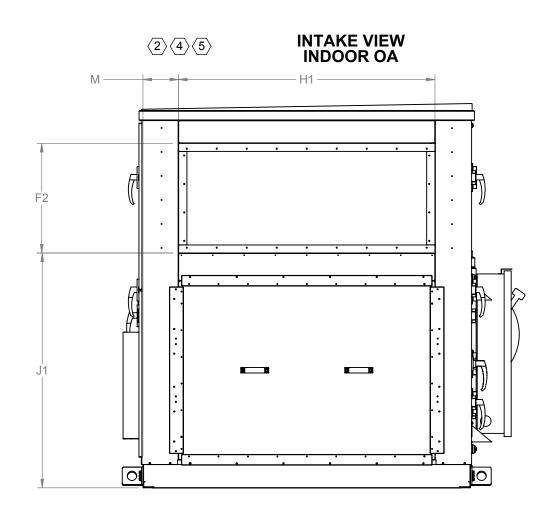
NTS 4

G806-004

AIR FLOW	UNIT CABINET SIZES	UNIT SIZE (TONS)	F2	H1	J1	М
		08	20 1/2	48	44	6 5/8
DOWN FLOW	50	10	20 1/2	48	44	6 5/8
		12	20 1/2	48	44	6 5/8
		15	20 1/2	48	44	6 5/8
DOWN FLOW		20	32	80	54	7
	82	25	32	80	54	7
		30	32	80	54	7

## INTAKE CONNECTION INDOOR ONLY





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Part weight

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G806-004

Third Angle Projection Sheet

±.125 X.XX ±.060 X.XXX ±.030 Angles ±1°

4

Tolerance Unless

Otherwise Specifed

NTS

Date Released MHB AURA Q-PUMP W/WHEEL Page Title INDOOR OA 7/10

NOTE: REFER TO SHEET 1 FOR GENERAL NOTES.

 $\langle A \rangle$ 

1. 14 GA. GALVANIZED STEEL CONSTRUCTION. 2. FULLY WELDED WATERTIGHT ONE PIECE CURB.

5. THE CURB HAS 1-1/2" THICK 3LB/FT3 FIBERGLASS PERIMETER INSULATION.

3. PRIME PAINTED AFTER FABRICATION.

6. INTERNAL ANGLE REINFORCEMENT.

4. PRESSURE TREATED 1X4 WOOD NAILER.

CURB WEIGHT IS BASED ON A 14" CURB WITH RETURN AIR.

UNIT	UNIT	2 PIECE CURB						SU	IPPLY DIS	CHA RGE (ir	n.)		RETURNIN	ITA KE (in.)	WHEEL	SPACE	UNIT	
CABINET	SIZE (TONS)	CURB P/N STANDA RD	CURB P/N W/ RA	CURB WEIGHT W/ RA A	WIDTH (in.)	LENGTH (in.)	SUPPORT LENGTH (in.)	Α	В	С	D	E	F	G	н	J	к	L
	08	CB08XNC105-XX2	CB08XNF105-XX2	595	56 1/2	223	52 1/4	1 1/2	28	12 1/2	41	78 7/8	8	4 1/4	48	114 1/2	14	94 1/2
50	10	CB10XNC105-XX2	CB10XNF105-XX2	595	56 1/2	223	52 1/4	1 1/2	28	12 1/2	41	78 7/8	8	4 1/4	48	114 1/2	14	94 1/2
	12	CB12XNC105-XX2	CB12XNF105-XX2	595	56 1/2	223	52 1/4	1 1/2	28	12 1/2	41	78 7/8	8	4 1/4	48	114 1/2	14	94 1/2
	15	CB15XNC105-XX2	CB15XNF105-XX2	595	56 1/2	223	52 1/4	1 1/2	28	12 1/2	41	78 7/8	8	4 1/4	48	114 1/2	14	94 1/2
	20	CB20XNC105-XX2	CB20XNF105-XX2	800	89 1/4	251 1/8	48	1 1/2	28	12 7/8	74	82 1/4	12	4 5/8	80	114 1/2	14	125 3/4
82	25	CB25XNC105-XX2	CB25XNF105-XX2	800	89 1/4	251 1/8	48	1 1/2	28	12 7/8	74	82 1/4	12	4 5/8	80	114 1/2	14	125 3/4
	30	CB30XNC105-XX2	CB30XNF105-XX2	800	89 1/4	251 1/8	48	1 1/2	28	12 7/8	74	82 1/4	12	4 5/8	80	114 1/2	14	125 3/4

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TOLERANCE ± 1/8"

X.XX ±.060

NTS

±.030

±1°

8/10

Page Title

4

AURA Q-PUMP W/WHEEL

TWO PIECE CURB

G806-004

X.XXX

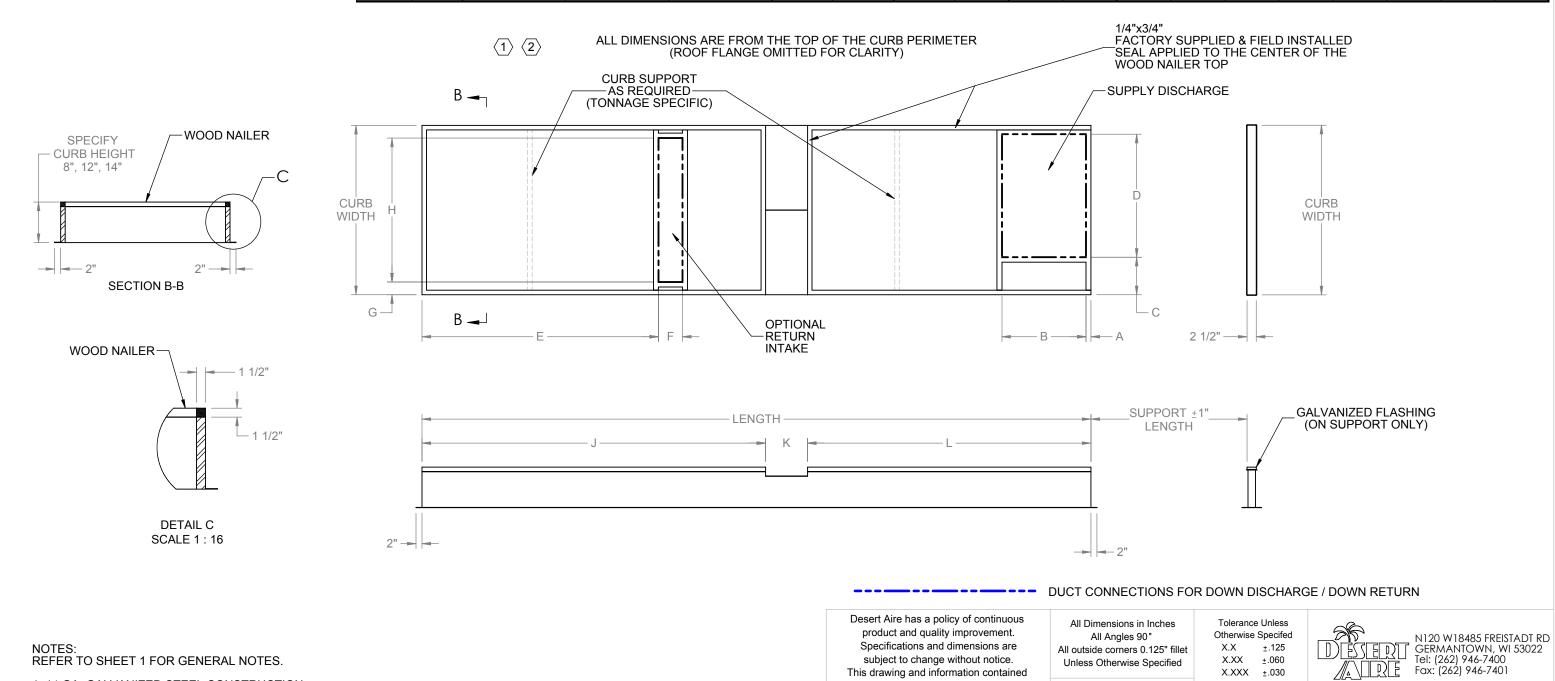
MHB

Angles

Unless Otherwise Specified

Third Angle Projection Sheet

Part weight



G806-004	UNIT	UNIT	T 1 PIECE SLOPING PAN CURB					SUPPLY DISCHARGE (in.)					RETURNII	NTAKE (in.)		WHEEL	SPACE	SPACE UNIT
	CABINET SIZES	SIZE (TONS)	CURB P/N STANDARD	CURB P/N W/ RA	CURB WEIGHT W/ RA A	WIDTH (in.)	LENGTH (in.)	Α	В	С	D	E	F	G	н	J	К	L
$\langle A \rangle$		08	CB08XNC105-XX1	CB08XNF105-XX1	725	56 1/2	281 3/8	60	28	12 1/2	41	78 7/8	8	4 1/4	48	114 1/2	14	152 3
		10	CB10XNC105-XX1	CB10XNF105-XX1	725	56 1/2	281 3/8	60	28	12 1/2	41	78 7/8	8	4 1/4	48	114 1/2	14	1523
		12	CB12XNC105-XX1	CB12XNF105-XX1	725	56 1/2	281 3/8	60	28	12 1/2	41	78 7/8	8	4 1/4	48	114 1/2	14	152
NOTE:		15	CB15XNC105-XX1	CB15XNF105-XX1	725	56 1/2	281 3/8	60	28	12 1/2	41	78 7/8	8	4 1/4	48	114 1/2	14	152
CURB WEIGHT IS BASED ON A 14" CURB WITH RETURN AIR.		20	CB20XNC105-XX1	CB20XNF105-XX1	1050	89 1/4	307 1/2	54 7/8	28	12 7/8	74	82 1/4	12	4 5/8	80	114 1/2	14	179
	82	25	CB25XNC105-XX1	CB25XNF105-XX1	1050	89 1/4	307 1/2	54 7/8	28	12 7/8	74	82 1/4	12	4 5/8	80	114 1/2	14	179
		30	CB30XNC105-XX1	CB30XNF105-XX1	1050	89 1/4	307 1/2	54 7/8	28	12 7/8	74	82 1/4	12	4 5/8	80	114 1/2	14	17
SPECIFY WOOD NAMED TO THE	D⊸┐		CURB SUPPO —AS REQUIRE (TONNAGE SPEC	D CIFIC)		,				WOOD N.			•					
SPECIFY CURB HEIGHT 8", 12", 14"  E  CURB WIDTH H  SECTION D-D								,					D					
WOOD NAILER—	D	- E	F	<b>├</b> ──	PTIONAL ETURN ITAKE			<b>⊸</b> B ·			— A ——	-	L C	;				
1 1/2"			— J ——————————————————————————————————		il .			L -	<del></del>		<del>-</del>			2 1/2" -	1	1/2"	1 1/2"	

NOTES: REFER TO SHEET 1 FOR GENERAL NOTES.

- 1. 14 GA. GALVANIZED STEEL CONSTRUCTION. 2. FULLY WELDED WATERTIGHT ONE PIECE CURB.

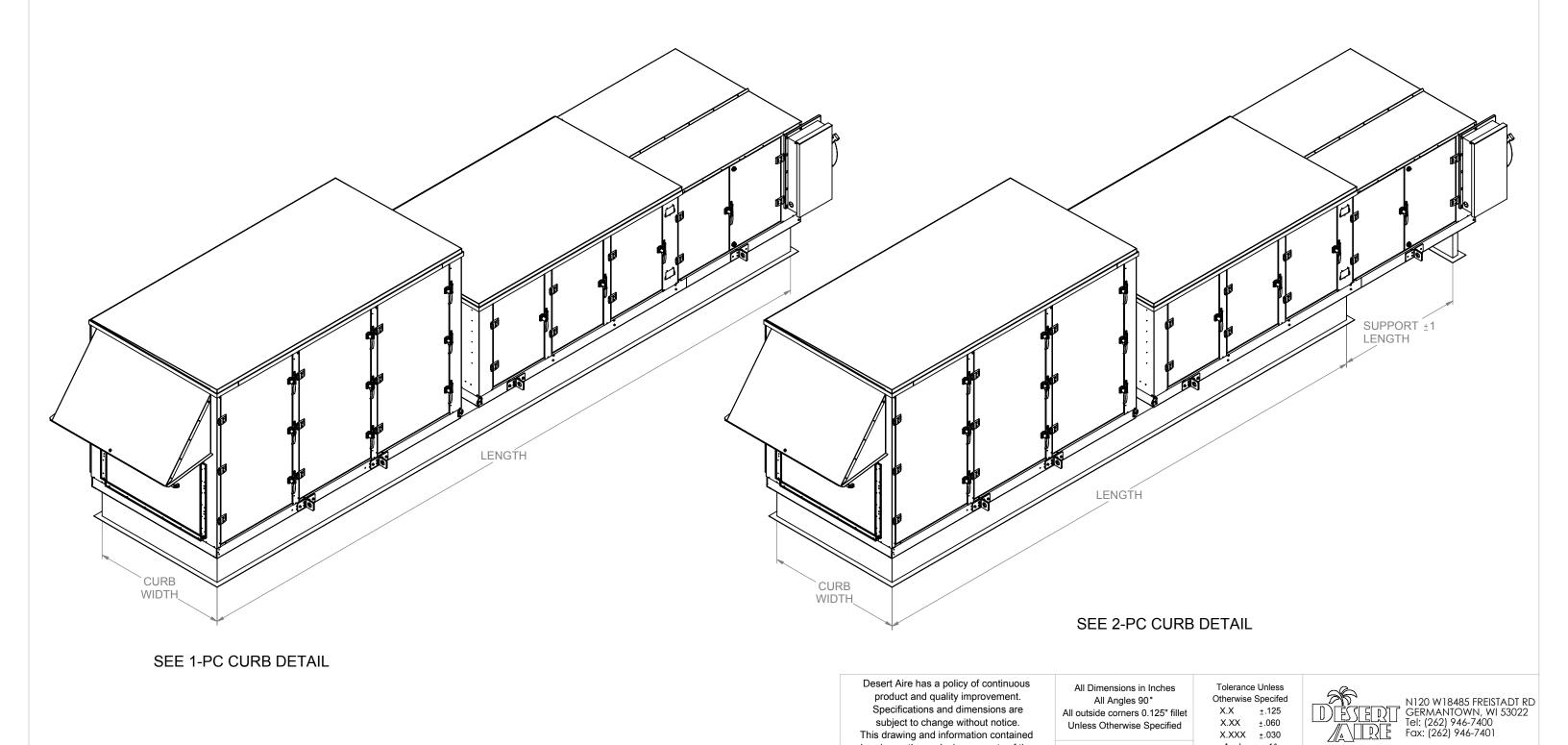
- 3. PRIME PAINTED AFTER FABRICATION.
  4. PRESSURE TREATED 1X4 WOOD NAILER.
- 5. THE CURB HAS 1-1/2" THICK 3LB/FT³ FIBERGLASS PERIMETER INSULATION. THE PAN ALSO HAS 1" THICK 3LB/FT³ FIBERGLASS PAN INSULATION.
- 6. INTERNAL ANGLE REINFORCEMENT.

## DUCT CONNECTIONS FOR DOWN DISCHARGE / DOWN RETURN

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ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8"

All Dimensions in Inches Tolerance Unless N120 W18485 FREISTADT RD GERMANTOWN, WI 53022 Tel: (262) 946-7400 Fax: (262) 946-7401 Otherwise Specifed All Angles 90° X.X ±.125 All outside corners 0.125" fillet X.XX ±.060 Unless Otherwise Specified X.XXX ±.030 Angles ±1° Date Released AURA Q-PUMP W/WHEEL MHB Third Angle Projection Sheet ONE PIECE SLOPED CURB 9/10 Part weight G806-004 4 NTS



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ALL DIMENSIONS ARE IN INCHES

TOLERANCE ± 1/8"

±.125

10/10

AURA Q-PUMP W/WHEEL

**CURB OVERVIEW** 

G806-004

X.XX ±.060

X.XXX ±.030 Angles ±1°

NTS

MHB

All outside corners 0.125" fillet

Unless Otherwise Specified

Third Angle Projection Sheet

Part weight

NOTE: REFER TO SHEET 1 FOR GENERAL NOTES.