

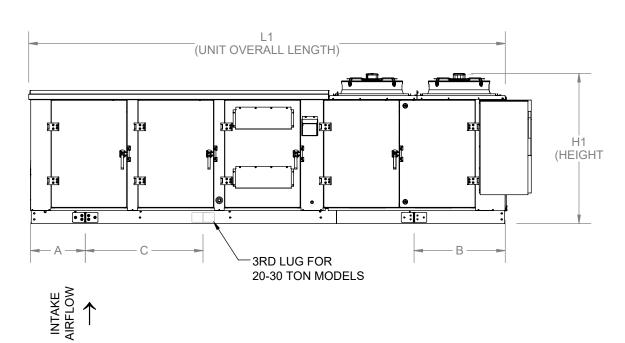
GENERAL NOTES AS REFERENCED BY INDIVIDUAL SHEETS:

- PORTION OF SECTIONED OR DETAILED DRAWING HAS BEEN OMITTED FOR CLARITY.
- $\langle 2 \rangle$ VIEW IS FOR PICTORIAL PURPOSES. REFER TO PAGE 1 FOR UNIT TYPE SPECIFIC VIEW.
- \bigcirc GAS HEAT OPTION SHOWN.
- $\langle 4 \rangle$ 15 TON UNIT SHOWN. CONDENSER FAN QUANTITY MAY VARY BY TONNAGE.
- $\left\langle 5\right\rangle$ SHOWN WITH RETURN AIR OPTION.

AIR FLOW	UNIT CABINET SIZES	UNIT SIZE (TONS)	L1	W1	H1	W2	H4
DOWN FLOW		08	158 7/8	61 3/8	50	73 3/8	11 7/8
	50	10	158 7/8	61 3/8	50	73 3/8	11 7/8
	30	12	158 7/8	61 3/8	50	73 3/8	11 7/8
		15	158 7/8	61 3/8	50	73 3/8	11 7/8
DOWN FLOW		20	184 1/2	94 1/4	80	106	21 3/8
	82	25	184 1/2	94 1/4	80	106	21 3/8
		30	208 1/2	94 1/4	80	106	21 3/8

UNIT CABINET SIZES	UNIT SIZE (TONS)	А	В	С
50	08	18 7/8	30 3/8	N/A
	10	18 7/8	30 3/8	N/A
	12	18 7/8	30 3/8	N/A
	15	18 7/8	30 3/8	N/A
82	20	38 1/4	33 3/8	61 1/8
	25	38 1/4	33 3/8	61 1/8
	30	38 1/4	33 3/8	61 1/8

RIGHT SIDE 3



Desert Aire has a policy of continuous product and quality improvement.

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ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8" All Dimensions in Inches All Angles 90° All outside corners 0.125" fillet Unless Otherwise Specified

Tolerance Unless
Otherwise Specifed

X.X ±.125

X.XX ±.060

X.XXX ±.030

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Third Angle Projection sheet

X.XX ±.060
X.XXX ±.030
Angles ±1°

Date Released

Description

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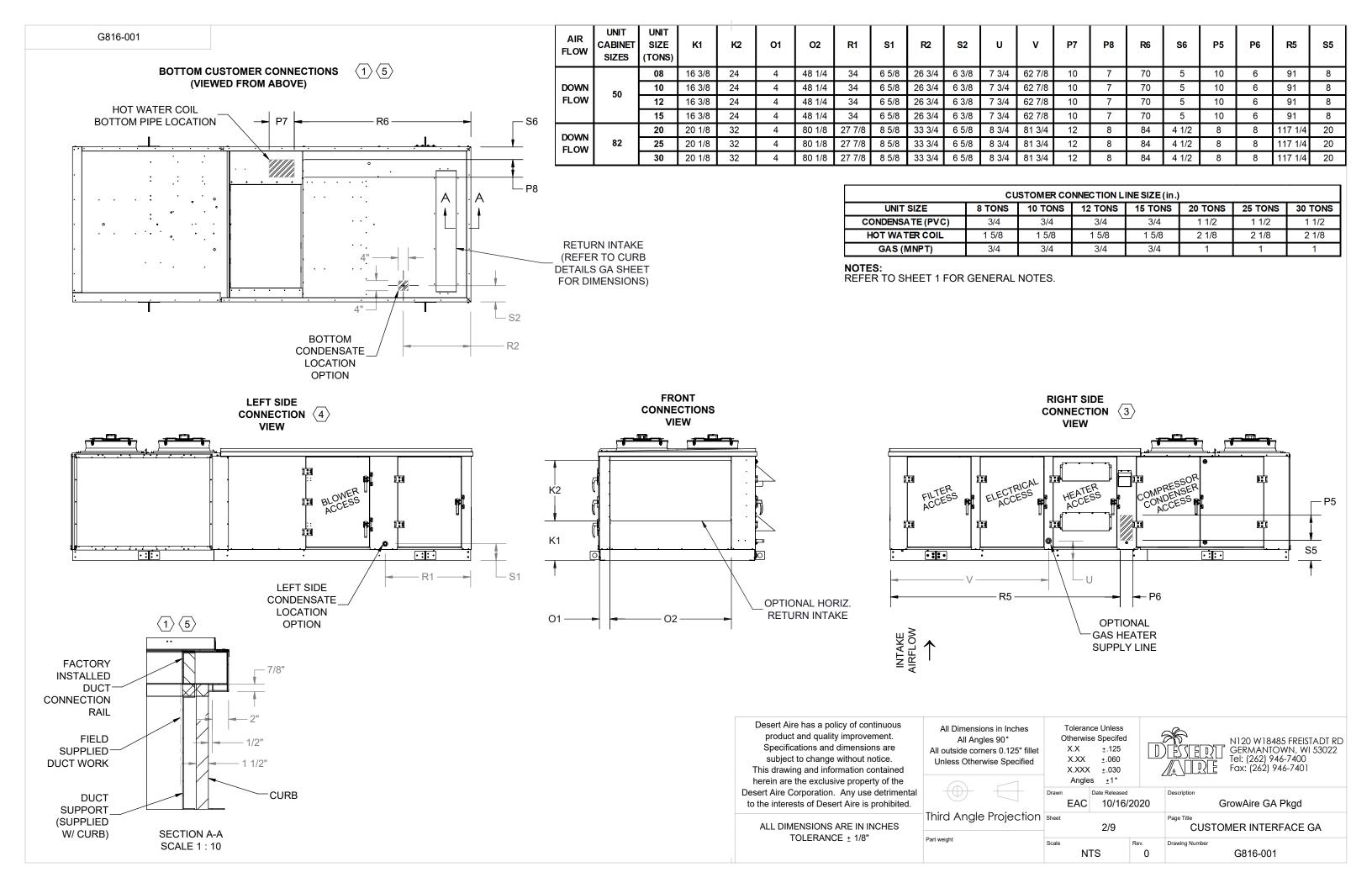
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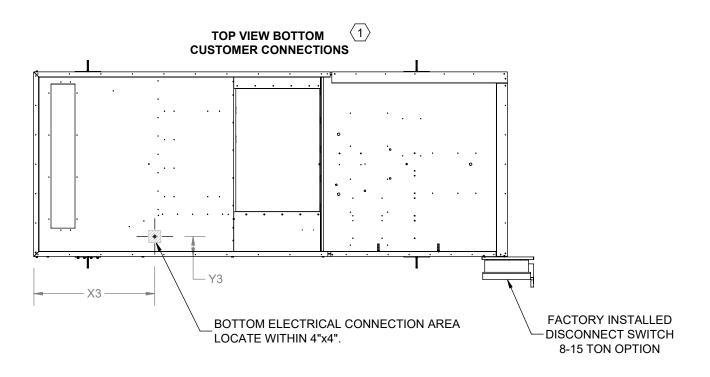
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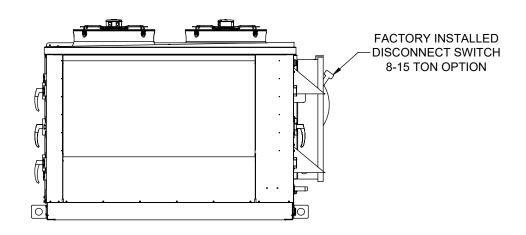
1/9 GENERAL ARRANGEMENT

Rev. Drawing Number



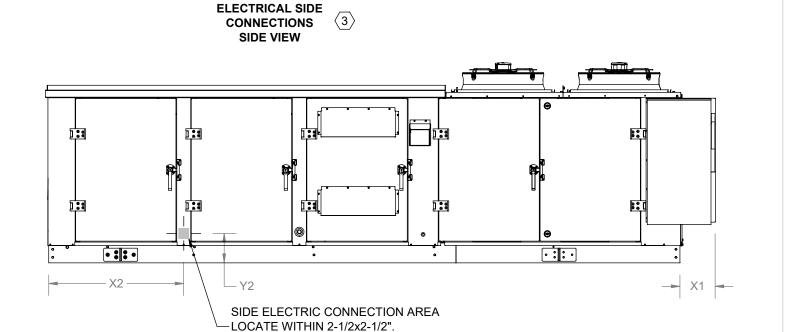


ELECTRICAL SIDE CONNECTIONS FRONT VIEW



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

AIR FLOW	UNIT CABINET SIZES	UNIT SIZE (TONS)	X2	Y2	Х3	Y3
DOWN FLOW		08	34	7 1/4	40 3/8	6 1/2
	50	10	34	7 1/4	40 3/8	6 1/2
	30	12	34	7 1/4	40 3/8	6 1/2
		15	34	7 1/4	40 3/8	6 1/2
DOWN FLOW		20	41 1/2	8 3/4	51 3/8	6 5/8
	82	25	41 1/2	8 3/4	51 3/8	6 5/8
I LOW		30	41 1/2	8 3/4	51 3/8	6 5/8



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TOLERANCE ± 1/8"

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X.XXX ±.030 Angles ±1°

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Tolerance Unless

Otherwise Specifed

X.XX ±.060

±.125

GrowAire GA Pkgd ELECTRICAL INTERFACE DETAIL

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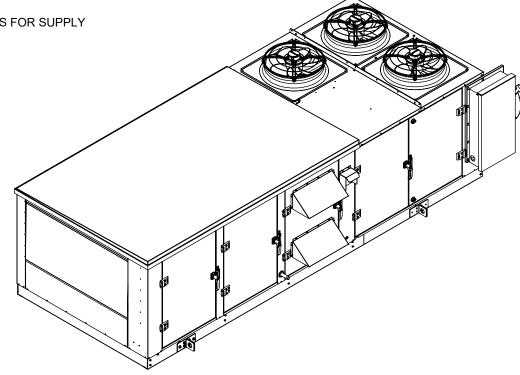
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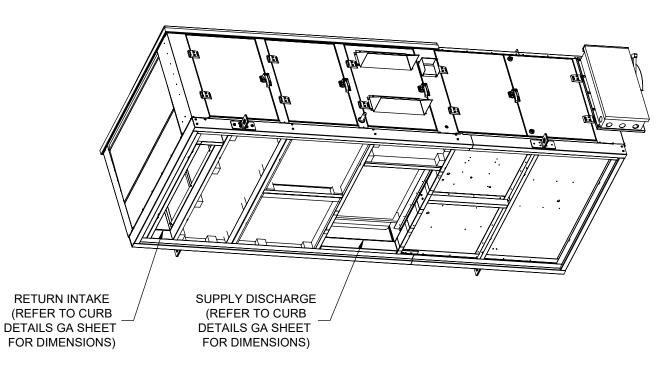
REFER TO SHEET 1 FOR GENERAL NOTES.

WEIGHTS SHOWN REFLECT FULLY OPTIONED ESTIMATED UNIT WEIGHT.

REFER TO CURB DETAILS GA SHEETS FOR SUPPLY DUCT DIMENSION AND LOCATIONS.







UNIT CABINET SIZES	UNIT SIZE	DOWN DISCHARGE, DOWN RETURN	FOR 1-GAS HEATER ADD	FOR 2-GAS HEATER ADD	FOR ELECTRIC HEATER ADD	FILTER	FILTER
	(TONS)	ESTIMATED BASE WEIGHT (LBS)	(LBS)	(LBS)	(LBS)	QTY	SIZE
50	08	2184	345	NA.	170	6	20x16x4
	10	2286	345	NA.	170	6	20x16x4
30	12	2321	345	NA	170	6	20x16x4
	15	2330	345	NA	170	6	20x16x4
82	20	4193	487	598	240	8	24x20x4
	25	4244	487	598	240	8	24x20x4
	30	4710	487	598	240	8	24x20x4

NOTE: TO CALCULATE THE UNIT WEIGHT ADD THE BASE WEIGHT TO THE CORRECT HEATER OPTION WEIGHT (DO NOT COMBINE HEATERS).

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All Dimensions in Inches All Angles 90° All outside corners 0.125" fillet Unless Otherwise Specified

Otherwise Specifed ±.125 ±.060 X.XX X.XXX

Tolerance Unless



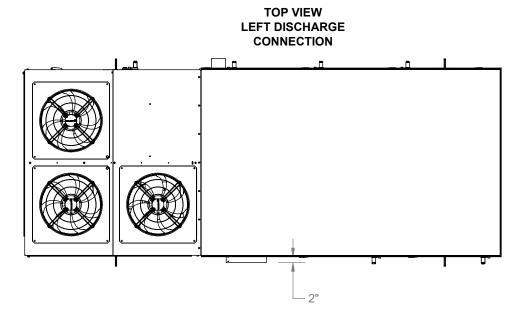
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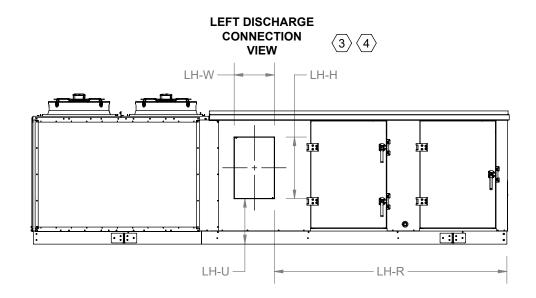
Third Angle Projection Sheet Part weight

±.030 Angles ±1° Date Released EAC 10/16/2020

GrowAire GA Pkgd

DOWN DISCHARGE GA NTS 0 G816-001





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.

UNIT		•	SIDE SUPPLY DISCHARGE (in.)					
CABINET SIZES	UNIT SIZE (TONS)	LH-W	LH-H	LH-U	LH-R			
	08	13 3/8	20 1/2	15 1/8	77 1/2			
50	10	13 3/8	20 1/2	15 1/8	77 1/2			
30	12	13 3/8	20 1/2	15 1/8	77 1/2			
	15	13 3/8	20 1/2	15 1/8	77 1/2			
	20	20 1/8	40 1/8	13 1/4	102			
82	25	20 1/8	40 1/8	13 1/4	102			
	30	20 1/8	40 1/8	13 1/4	102			

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All Dimensions in Inches All Angles 90° All outside corners 0.125" fillet Unless Otherwise Specified

Otherwise Specifed ±.125 X.XX ±.060 X.XXX ±.030 <u>+</u>1° Angles

Tolerance Unless

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Third Angle Projection Sheet

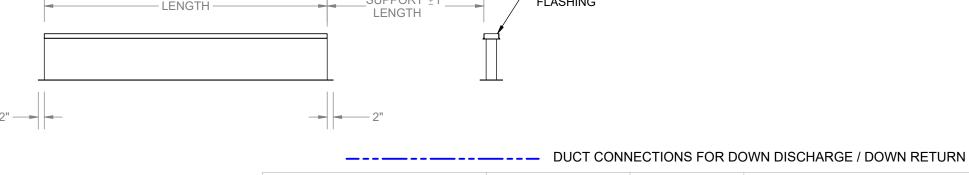
Part weight

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LEFT DISCHARGE GA 5/9 NTS 0 G816-001

2 PIECE CURB SUPPLY DISCHARGE (in.) RETURN INTAKE (in.) G816-001 UNIT UNIT SIZE CABINET CURB P/N CURB P/N **MDTH** LENGTH SUPPORT NOTES: (TONS) С D Α Ε REFER TO SHEET 1 FOR GENERAL NOTES. SIZES STANDARD LENGTH (in.) W/RA (in.) 08 CB08MPC105-XX2 CB08MPF105-XX2 56 1/2 94 1/4 52 1/4 1 1/2 28 12 1/2 3 1/4 1. 18 GA. GALVANIZED STEEL CONSTRUCTION. 94 1/4 10 CB10MPC105-XX2 CB10MPF105-XX2 52 1/4 1 1/2 12 1/2 41 3 1/4 2. KNOCK DOWN CURB. 50 3. PRIME PAINTED. 12 CB12MPC105-XX2 CB12MPF105-XX2 56 1/2 94 1/4 52 1/4 1 1/2 28 12 1/2 41 3 1/4 8 4. PRESSURE TREATED 2X2 WOOD NAILER. CB15MPC105-XX2 CB15MPF105-XX2 56 1/2 94 1/4 52 1/4 1 1/2 28 12 1/2 41 3 1/4 5. 1-1/2" THICK 3LB/FT3 FIBERGLASS PERIMETER INSULATION. 20 CB20MPC105-XX2 CB20MPF105-XX2 89 1/4 125 3/4 48 1 1/2 28 12 7/8 74 3 1/4 12 6. INTERNAL ANGLE REINFORCEMENT. 82 25 CB25MPC105-XX2 CB25MPF105-XX2 89 1/4 125 3/4 48 1 1/2 28 12 7/8 74 3 1/4 12 72 12 30 CB30MPC105-XX2 CB30MPF105-XX2 89 1/4 125 3/4 1 1/2 28 12 7/8 74 3 1/4 2-PC CURB TOP VIEW $\langle 1 \rangle \langle 5 \rangle$ ALL DIMENSIONS ARE FROM THE TOP OF THE CURB PERIMETER (ROOF FLANGE OMITTED FOR CLARITY) **CURB SUPPORT OPTIONAL** 1/4"x3/4" AS REQUIRED RETURN INTAKE (TONNAGE SPECIFIC) SUPPLY DISCHARGE **FACTORY SUPPLIED & FIELD INSTALLED** SEAL APPLIED TO THE CENTER OF THE HORIZONTAL SURFACE INDICATED INTAKE CURB **CURB AIRFLOW** WIDTH WIDTH WOOD **SPECIFY** -CURB HEIGHT. **NAILER** 8",12",14" SECTION B-B **GALVANIZED** SUPPORT ±1" FLASHING LENGTH LENGTH



Desert Aire has a policy of continuous All Dimensions in Inches product and quality improvement. All Angles 90° Specifications and dimensions are All outside corners 0.125" fillet subject to change without notice. Unless Otherwise Specified This drawing and information contained herein are the exclusive property of the Desert Aire Corporation. Any use detrimental to the interests of Desert Aire is prohibited. ALL DIMENSIONS ARE IN INCHES

Third Angle Projection Sheet Part weight

Otherwise Specifed

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G

7 3/4

7 3/4

48

48

48

48

80

80

80

Angles ±1° Date Released EAC 10/16/2020 Page Title

0

Tolerance Unless

±.125

±.060

±.030

X.X

X.XX

X.XXX

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GrowAire GA Pkgd 2-PC CURB DETAIL GA 6/9

DETAIL C

WOOD

NAILER

SCALE 1:16

1 1/2" --

- 1 1/2"

TOLERANCE ± 1/8"

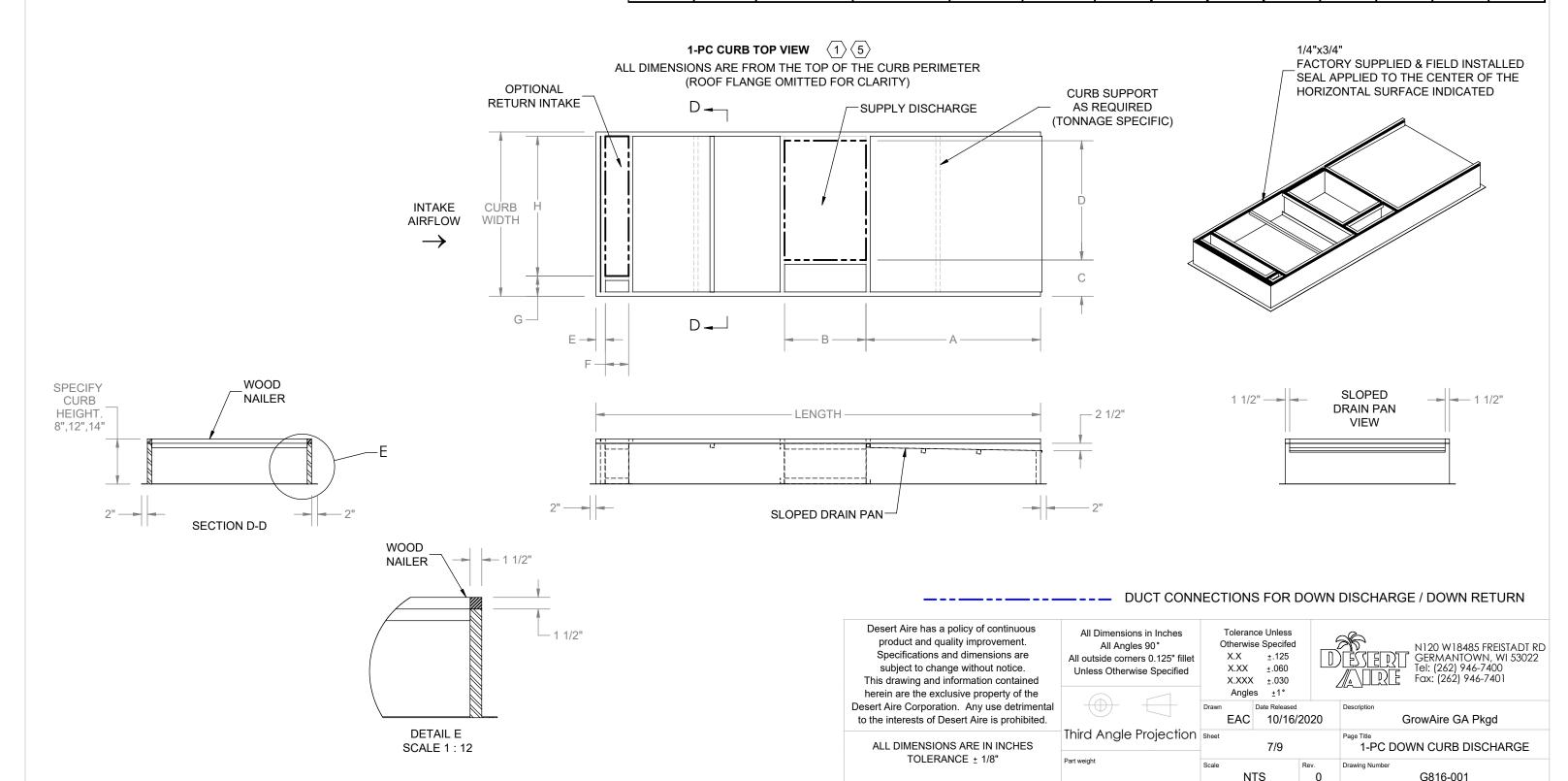
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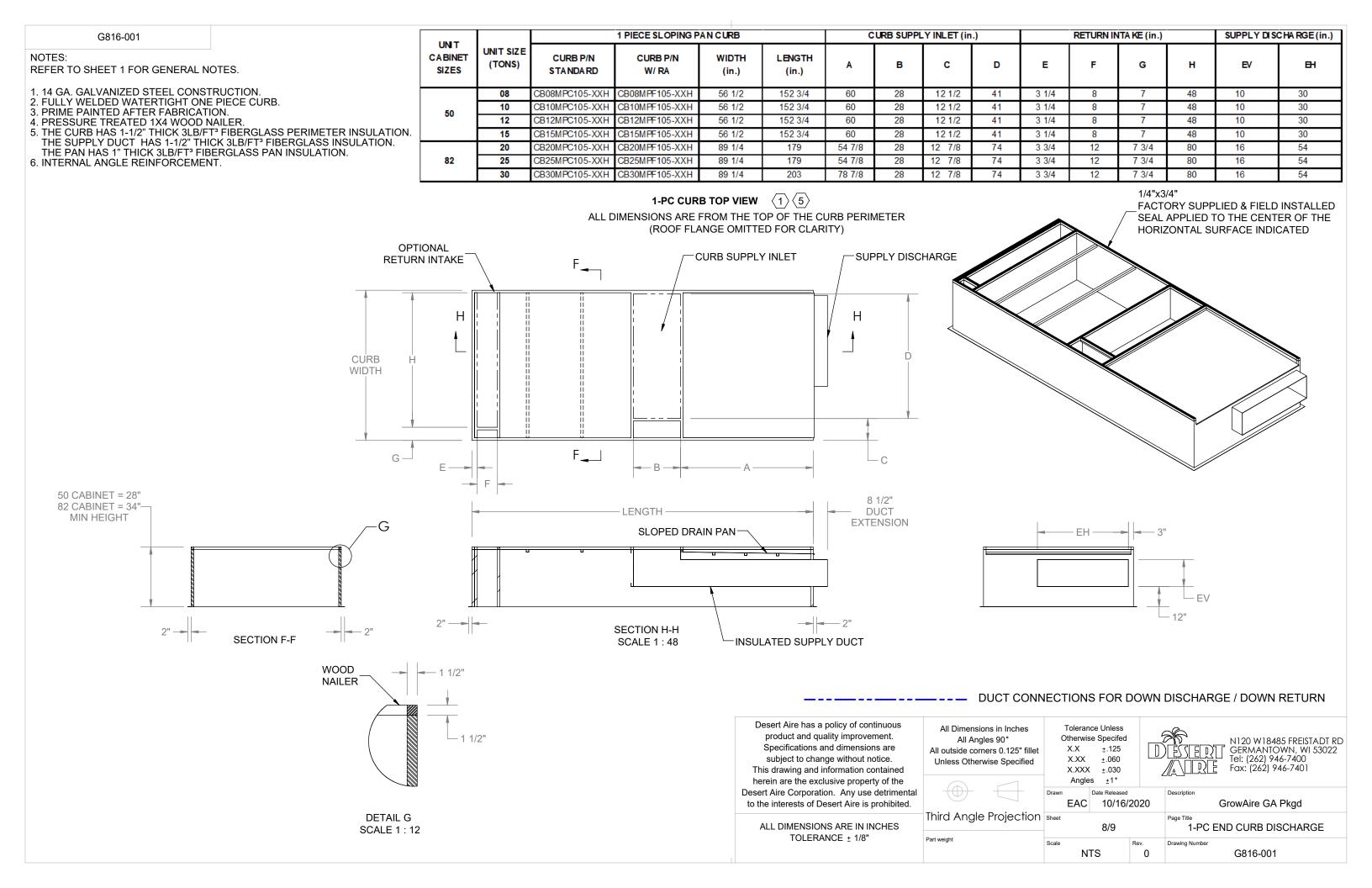
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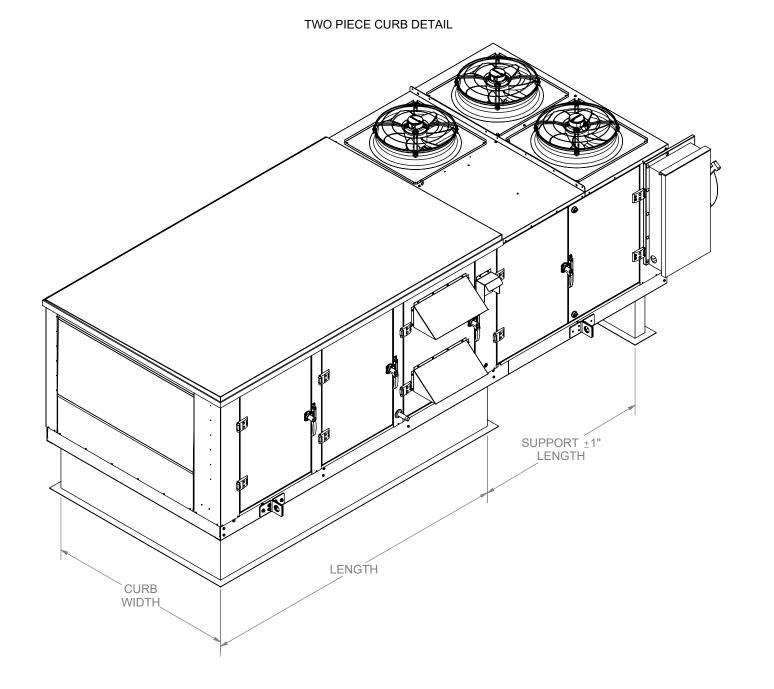
REFER TO SHEET 1 FOR GENERAL NOTES.

- 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.

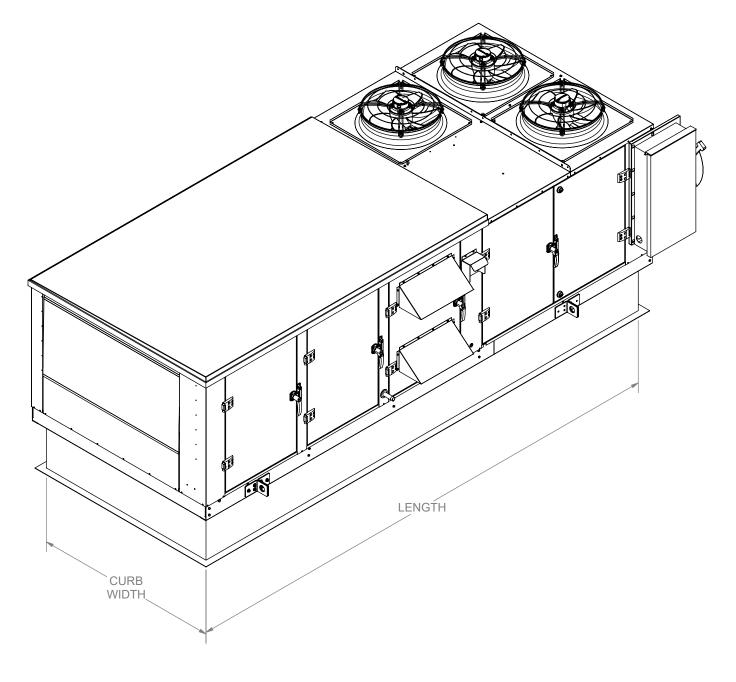
UNIT CABINET SIZES		·	1 PIECE SLOPING P	AN CURB		S	UPPLY DISC	CHARGE (in	.)	RETURN INTAKE (in.)			
	UNIT SIZE (TONS)	CURB P/N STANDARD	CURB P/N W/ RA	WIDTH (in.)	LENGTH (in.)	A	В	O	О	E	F	O	н
	08	CB08MPC105-XX1	CB08MPF105-XX1	56 1/2	152 3/4	60	28	12 1/2	41	3 1/4	8	7	48
50	10	CB10MPC105-XX1	CB10MPF105-XX1	56 1/2	152 3/4	60	28	12 1/2	41	3 1/4	8	7	48
30	12	CB12MPC105-XX1	CB12MPF105-XX1	56 1/2	152 3/4	60	28	12 1/2	41	3 1/4	8	7	48
	15	CB15MPC105-XX1	CB15MPF105-XX1	56 1/2	152 3/4	60	28	12 1/2	41	3 1/4	8	7	48
	20	CB20MPC105-XX1	CB20MPF105-XX1	89 1/4	179	54 7/8	28	12 7/8	74	3 3/4	12	7 3/4	80
82	25	CB25MPC105-XX1	CB25MPF105-XX1	89 1/4	179	54 7/8	28	12 7/8	74	3 3/4	12	7 3/4	80
	30	CB30MPC105-XX1	CB30MPF105-XX1	89 1/4	203	78 7/8	28	12 7/8	74	3 3/4	12	7 3/4	80











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

Tolerance Unless



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Third Angle Projection Part weight

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GrowAire GA Pkgd **CURB OVERVIEW**