

GENERAL NOTES AS REFERENCED BY INDIVIDUAL SHEETS:

- $\langle 1 \rangle$ PORTION OF SECTIONED DRAWING HAS BEEN OMITTED FOR CLARITY.
- HOODS OMMITTED FOR CLARITY.
 VIEW IS FOR PICTORAL PURPOSES
 REFER TO SUBITTAL FOR CUSTOM
- VIEW IS FOR PICTORAL PURPOSES. REFER TO PAGE 1 FOR UNIT TYPE SPECIFIC VIEW.
- REFER TO SUBITTAL FOR CUSTOMER CONNECTION LOCATIONS.
- $\langle 5 \rangle$ DIMENSIONS ARE TO ACCESS SIDE OF UNIT.
- $\langle 6
 angle$ RH ACCESS SHOWN FOR DISPLAY PURPOSES. ACCESS DOOR CONFIGURATION MAY CHANGE DEPENDING ON UNIT SIZE.
- $\langle \overline{7} \rangle$ REFER TO SHEET 3,4,5 FOR INTAKE AND DISCHARGE CONNECTION DIMENSIONS.

Desert Aire has a policy of continuous product and quality improvement. Specifications and dimensions are subject to change without notice. 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.

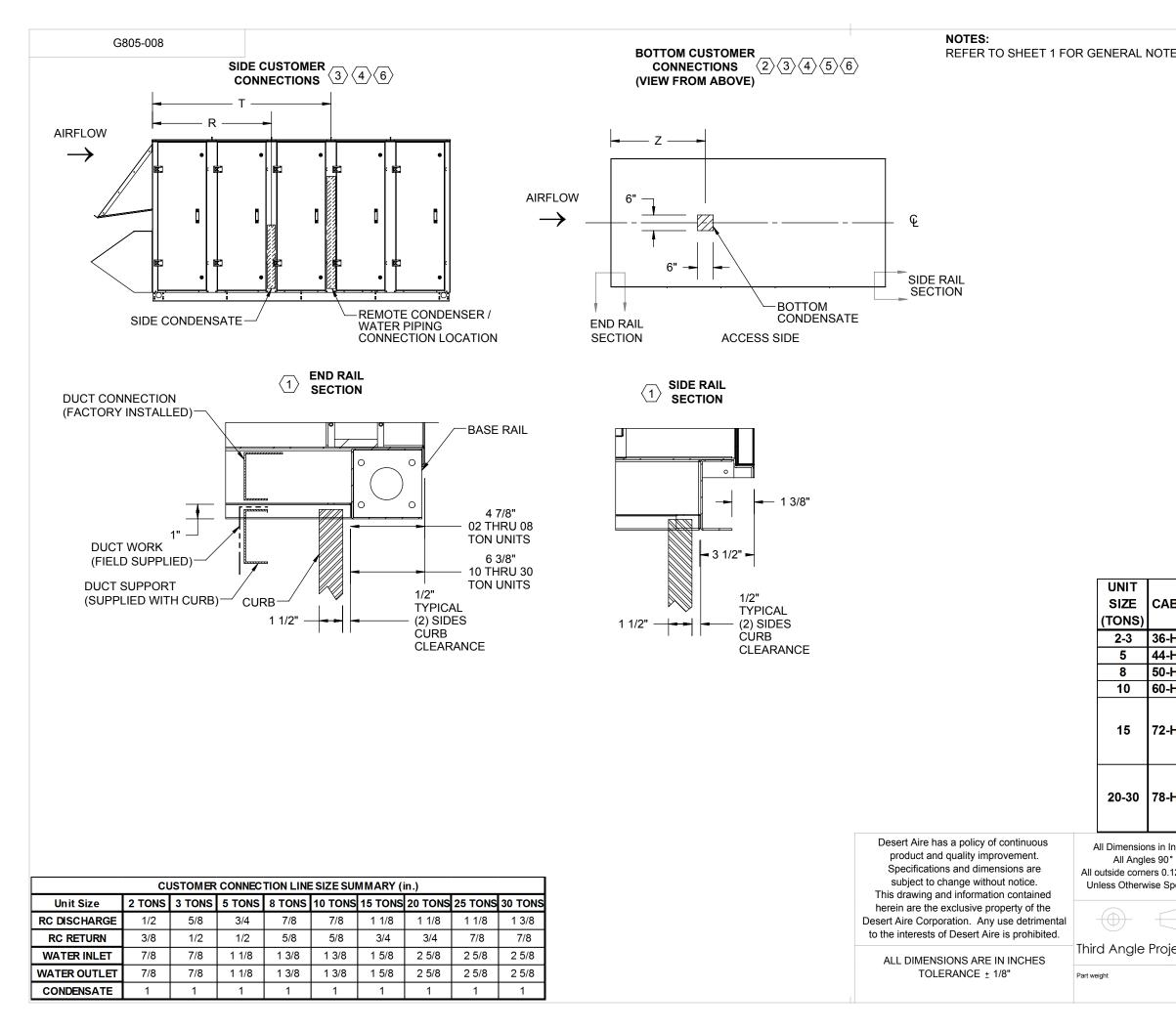


ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8"

AIR FLOW	UNIT SIZE (TONS)	UNIT Cabinet Sizes	L1	W1	H1	L2	W2
	02	36-H	126 1/8	49 1/8	51 1/8	144 1/2	55 1/8
	03	30-11	126 1/8	49 1/8	51 1/8	144 1/2	55 1/8
>	05	44-H	133 7/8	54 1/2	55	152 1/4	60 1/2
No.	08	50-H	137 1/4	61 1/8	63	160 5/8	67 1/8
END FLOW	10	60-H	140 7/8	72 1/2	75 1/4	164 3/8	78 1/2
	15	72-H	150 5/8	87 1/2	83 3/8	179	93 1/2
_	20		162 3/8	90 1/2	92 5/8	191 1/4	96 1/2
	25	78-H	162 3/8	90 1/2	92 5/8	191 1/4	96 1/2
	30		162 3/8	90 1/2	92 5/8	191 1/4	96 1/2
	02	36-H	126 1/8	49 1/8	51 1/8	144 1/2	55 1/8
	03	30-11	126 1/8	49 1/8	51 1/8	144 1/2	55 1/8
ş	05	44-H	133 7/8	54 1/2	55	152 1/4	60 1/2
ני	08	50-H	160	61 1/8	63	183 3/8	67 1/8
DOWN FLOW	10	60-H	164 1/2	72 1/2	75 1/4	187 7/8	78 1/2
ð	15	72-H	175 7/8	87 1/2	83 3/8	204 1/4	93 1/2
	20		189 1/2	90 1/2	92 5/8	218 3/8	96 1/2
	25	78-H	189 1/2	90 1/2	92 5/8	218 3/8	96 1/2
	30		189 1/2	90 1/2	92 5/8	218 3/8	96 1/2
	02	36-H	126 1/8	49 1/8	51 1/8	144 1/2	55 1/8
	03	30- П	126 1/8	49 1/8	51 1/8	144 1/2	55 1/8
>	05	44-H	133 7/8	54 1/2	55	152 1/4	60 1/2
l o	08	50-H	137 1/4	61 1/8	63	160 5/8	67 1/8
TOP FLOW	10	60-H	140 7/8	72 1/2	75 1/4	164 3/8	78 1/2
l Ö	15	72-H	150 5/8	87 1/2	83 3/8	179	93 1/2
	20		162 3/8	90 1/2	92 5/8	191 1/4	96 1/2
	25	78-H	162 3/8	90 1/2	92 5/8	191 1/4	96 1/2
	30		162 3/8	90 1/2	92 5/8	191 1/4	96 1/2

-OPTIONAL DISCONNECT LOCATION

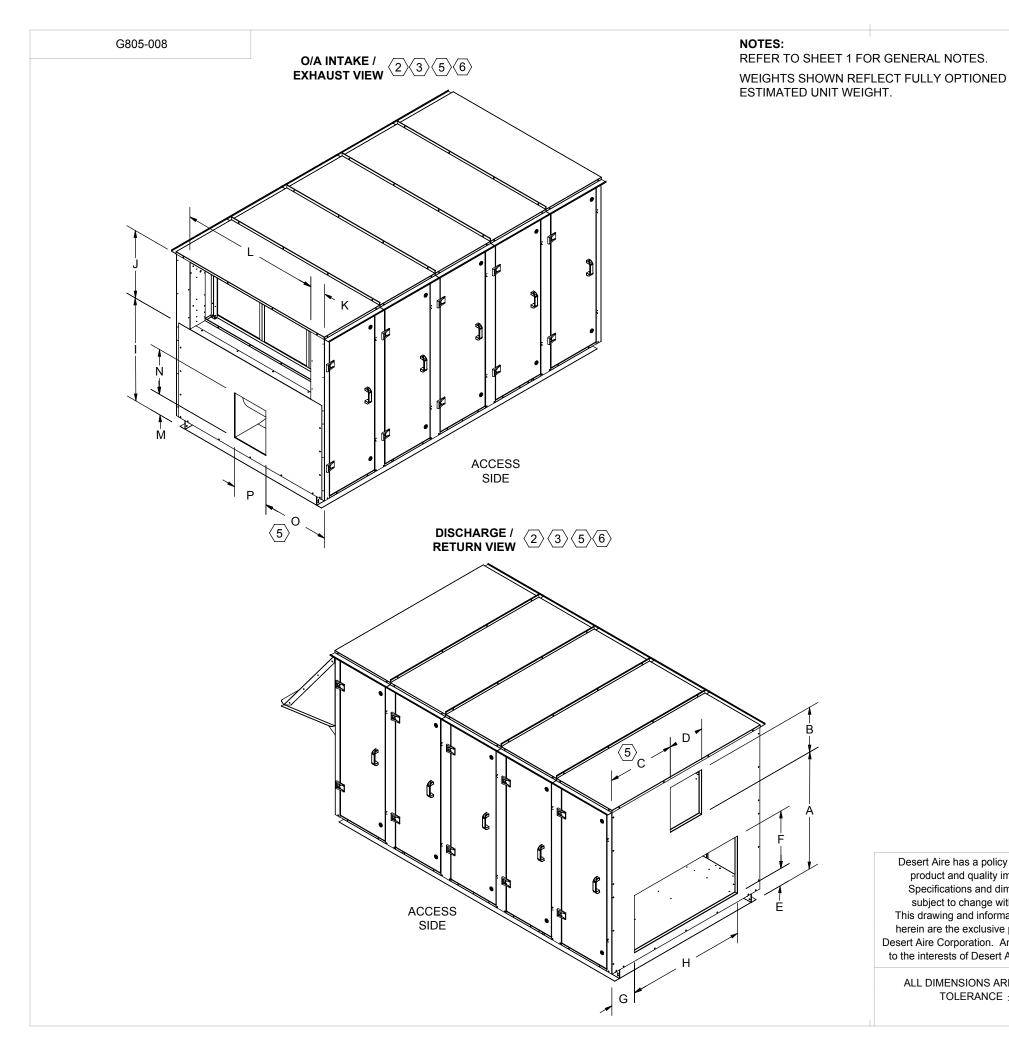
All Dimensions in Inches All Angles 90° All outside corners 0.125" fillet Unless Otherwise Specified				N120 W18485 FREISTADT R GERMANTOWN, WI 53022 Tel: (262) 946-7400 Fax: (262) 946-7401				
	Drawn BCL	Date Released	2011	Description EXT NON-PACKAGED w/ WHEEL				
Third Angle Projection	Sheet 1/6			Page Title GENERAL ARRANGEMENT				
Part weight	Scale N	TS	Rev. 4	Drawing Number G805-008				



ES.	AIR FLOW	UNIT SIZE (TONS)	UNIT CABINET SIZES	R	т	z
		02	36-H	63 1/8	83 7/8	52 3/8
		03	56-11	63 1/8	83 7/8	52 3/8
	>	05	44-H	67	88 7/8	54 7/8
	NO.	08	50-H	68 5/8	91 1/2	55 3/4
) FI	10	60-H	70 1/2	94	57
	END FLOW	15	72-H	75 3/8	100 1/2	60 1/4
	_	20		81 1/4	108 1/4	69 7/8
		25	78-Н	81 1/4	108 1/4	69 7/8
		30		81 1/4	108 1/4	69 7/8
		02	36-H	63 1/8	83 7/8	52 3/8
		03	03	63 1/8	83 7/8	52 3/8
	Ň	05	44-H	67	88 7/8	54 7/8
	۲o ۲:	08	50-H	68 5/8	114 1/4	55 3/4
	DOWN FLOW	10	60-H	70 1/2	117 1/2	57
		15	72-H	75 3/8	125 3/4	60 1/4
	Δ	20		81 1/4	135 1/4	69 7/8
		25	78-H	81 1/4	135 1/4	69 7/8
		30		81 1/4	135 1/4	69 7/8
		02	36-H	63 1/8	83 7/8	52 3/8
		03	56-11	63 1/8	83 7/8	52 3/8
	>	05	44-H	67	88 7/8	54 7/8
	0	08	50-H	68 5 /8	91 1/2	55 3/4
	TOP FLOW	10	60-H	70 1/2	94	57
		15	72-H	75 3/8	100 1/2	60 1/4
		20		81 1/4	108 1/4	<mark>69 7/8</mark>
		25	78-H	81 1/4	108 1/4	<mark>6</mark> 9 7/8
		30		81 1/4	108 1/4	69 7/8

	FILTER		A PART	#	NOM		TOTAL	
В	LOCATION	4 MERV	H MERV	2" PRE	W	NOM H	QTY	
Η	S & E	870-041	870-131	870-043	20	24	4	
Η	S & E	870-056	870-133	870-057	18	24	6	
Н	S & E	870-041	870-131	870-043	20	24	6	
Н	S & E	870-012	870-130	870-009	24	24	6	
	SUPPLY	870-030	870-135	870-015	16	25	3	
н	SUPPLY	870-011	870-134	870-016	20	25	2	
	EXHAUST	870-030	870-135	870-015	16	25	2	
	EXHAUST	870-028	870-128	870-022	16	20	6	
	SUPPLY	870-010	870-129	870-005	20	20	4	
н	SUPPLY	870-011	870-134	870-016	20	25	4	
	EXHAUST	870-030	870-135	870-015	16	25	4	
	EXHAUST	870-028	870-128	870-022	16	20	4	

Inches ° 125" fillet specified				N120 W18485 FREISTADT RD GERMANTOWN, WI 53022 Tel: (262) 946-7400 Fax: (262) 946-7401					
	Drawn BCL	Date Released 5/12/2	2011	EXT NON-PACKAGED w/ WHEEL					
jection	Sheet	2/6		Page Title CUSTOMER INTERFACE GA					
	Scale N	TS	Rev. 4	Drawing Number G805-008					



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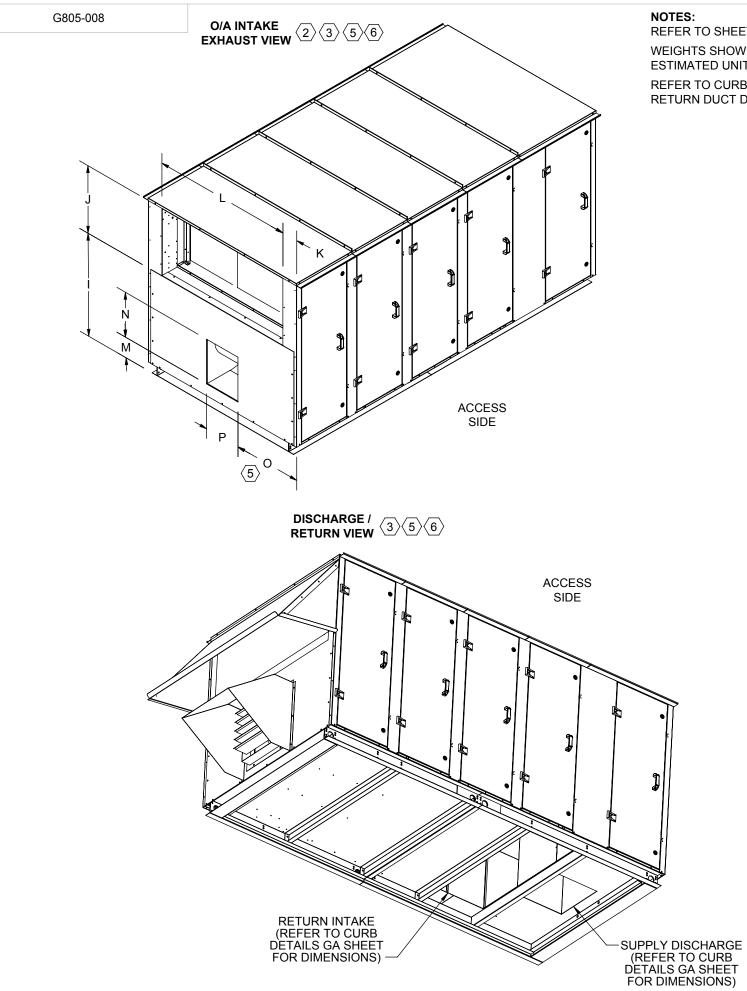
Part weight

						END DI	SCHARG	ie, end r	ETURN			
UN		UNIT CABINET SIZES		SUP	PLY DISC	CHARGE	(in.)	RETURN INTAKE (in.)				
(TO				А	В	C	D	Е	F	G	н	
0	2	26	6-H -	24 3/4	12 3/4	17 7/8	13 1/4	3 7/8	10	9 3/8	30 1/2	
0	3	44-H		24 3/4	12 3/4	17 7/8	13 1/4	3 7/8	10	9 3/8	30 1/2	
0	5	44	I-H	29 1/4	11 1/2	21 1/4	12	3 7/8	14	9 3/8	35 7/8	
0	8	50)-H	34 1/4	16	22 3/4	15 3/4	6 3/8	20 1/2	9 3/8	42 1/2	
1	0	60)-H	40 7/8	16	26 7/8	18 3/4	7 7/8	30	9 3/8	53 7/8	
1	5	72	2-H	48 1/4	16	34 3/8	18 3/4	7 7/8	36	9 3/8	68 7/8	
2	0			43 5/8	28 3/8	31 1/8	28 3/8	7 7/8	32	9 3/8	71 7/8	
2	5	78	в-н	43 5/8	28 3/8	31 1/8	28 3/8	7 7/8	32	9 3/8	71 7/8	
3	0			43 5/8	28 3/8	31 1/8	28 3/8	7 7/8	32	9 3/8	71 7/8	
				CO	NTINUED	- END DI	SCHARG	E, END R	ETURN			
UNIT ABINE	τГ	EXHA	UST D	SCHAR	GE (in.)		O/A IN	TAKE (in	.)	тоти	TOTAL EST.	
SIZES		м	N	0/	E P	1	J	к	L		BGHT	

UNIT SIZE СА (TONS) S 3 3/ 02 36-H 3 3/ 03 3 3/ 05 44-H 6 1 08 50-H 7 3/ 10 60-H 7 3/ 15 72-H 7 3/ 20 7 3/ 25 78-H 7 3/ 30

EXHA	UST DIS	CHARGE	E(in.)		O/A INT/	AKE (in.)		TOTAL EST.
м	N	o _5	Р	-	J	к	L	WEIGHT (LBS.)
3/4	12 3/4	17 7/8	13 1/4	28 1/2	20 1/4	6 5/8	35 7/8	1769
3/4	12 3/4	17 7/8	13 1/4	28 1/2	20 1/4	6 5/8	35 7/8	1819
3/4	11 1/2	21 1/4	12	26 1/2	26 1/8	5 1/4	43 7/8	2196
1/4	16	22 3/4	15 3/4	37	23 5/8	5 5/8	49 7/8	2838
3/4	16	26 7/8	18 3/4	43 1/2	29 1/2	6 1/4	59 7/8	3555
3/4	1 <mark>6</mark>	34 3/8	18 3/4	45 1/2	35 5/8	7 3/4	71 7/8	5106
3/4	28 3/8	31 1/8	28 3/8	48 1/2	41 7/8	6 1/4	77 7/8	5685
3/4	28 3/8	31 1/8	28 3/8	48 1/2	41 7/8	6 1/4	77 7/8	7727
3/4	28 3/8	31 1/8	28 3/8	48 1/2	41 7/8	<mark>6</mark> 1/4	77 7/8	7852

All Dimensions in Inches All Angles 90° All outside corners 0.125" fillet Unless Otherwise Specified				N120 W18485 FREISTADT RI DESEDI GERMANTOWN, WI 53022 Tel: (262) 946-7400 Fax: (262) 946-7401				
		-		Design of the second				
	BCL	Date Released 5/12/2	2011	EXT NON-PACKAGED w/ WHEEL				
Third Angle Projection	Sheet 3/6			Page Title END DISCHARGE GA				
Part weight	Scale		Rev.	Drawing Number				
	N	TS	4	G805-008				



NOTES:

REFER TO SHEET 1 FOR GENERAL NOTES. WEIGHTS SHOWN REFLECT FULLY OPTIONED ESTIMATED UNIT WEIGHT.

REFER TO CURB DETAILS GA SHEET FOR SUPPLY / RETURN DUCT DIMENSION AND LOCATIONS.

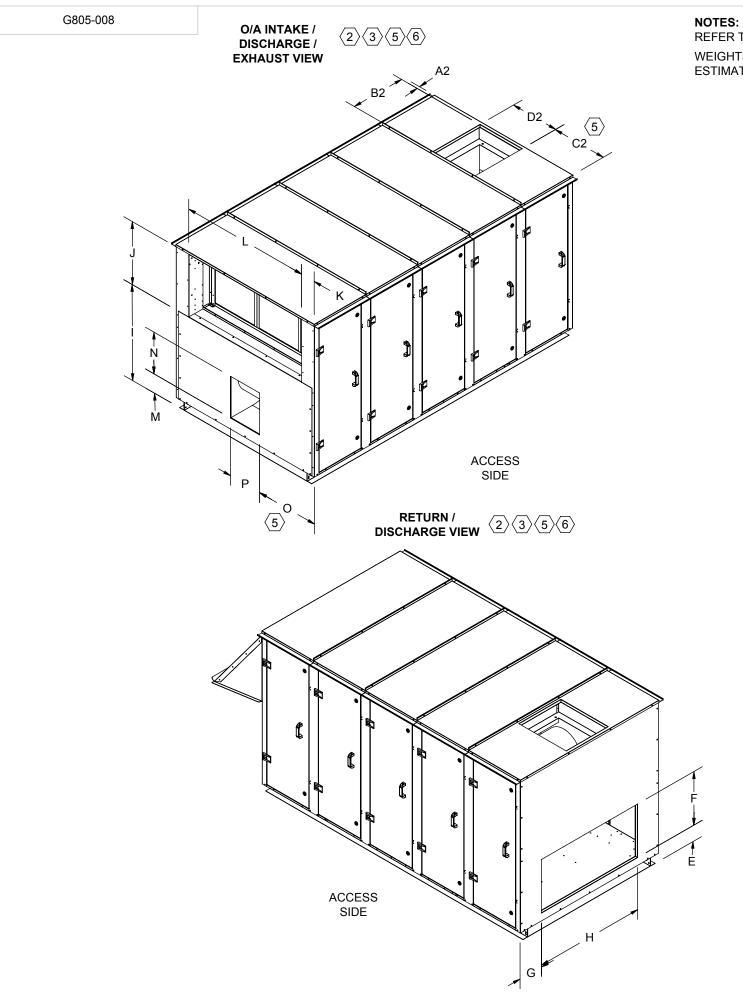
ſ		UNIT				Down D	SCHARG	e, end r	ETURN		
	SIZE	CABINET	EXHAUST DISCHARGE (in.)					O/A INTA	TOTAL EST.		
	(TONS)	SIZES	М	N	0	Р	I	J	к	L	WEIGHT (LBS.)
ſ	02	36 LI	3 3/4	12 3/4	17 7/8	13 1/4	28 1/2	20 1/4	6 5/8	35 7/8	1769
Ī	03	36-H	3 3/4	12 3/4	17 7/8	13 1/4	28 1/2	20 1/4	6 5/8	35 7/8	1819
Ī	05	44-H	3 3/4	11 1/2	21 1/4	12	26 1/2	26 1/8	5 1/4	43 7/8	2196
Ī	08	50-H	6 1/4	16	22 3/4	15 3/4	37	23 5/8	5 5/8	49 7/8	2838
Ī	10	60-H	7 3/4	16	26 7/8	18 3/4	43 1/2	29 1/2	6 1/4	59 7/8	3555
	15	72-H	7 3/4	16	34 3/8	18 3/4	45 1/2	35 5/8	7 3/4	71 7/8	5106
Ī	20		7 3/4	28 3/8	31 1/8	28 3/8	48 1/2	41 7/8	6 1/4	77 7/8	5685
Ī	25	78-H	7 3/4	28 3/8	31 1/8	28 3/8	48 1/2	41 7/8	6 1/4	77 7/8	7727
	30		7 3/4	28 3/8	31 1/8	28 3/8	48 1/2	41 7/8	6 1/4	77 7/8	7852

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	Drawn BCL	Date Released 5/12/2	2011	EXT NON-PACKAGED w/ WHEEL				
Third Angle Projection	Sheet	4/6		Page Title DOWN DISCHARGE GA				
Part weight	Scale N	TS	Rev.	Drawing Number G805-008				



REFER TO SHEET 1 FOR GENERAL NOTES. WEIGHTS SHOWN REFLECT FULLY OPTIONED ESTIMATED UNIT WEIGHT.

(TONS)
02
03
05
08
10
15
20
25
30

	UN					TOP DI	SCHARG	e, end r	ETURN					
	SIZ			SUPF	PLY DISC	HARGE	(in.)	RE	TURN IN	TAKE (ir	ı.)			
	(ТО	NS) S	SIZES	A2	B2	c2 5	D2	Е	F	G	н			
	0	2	36-H	1 1/4	13 3/4	17 7/8	13 1/4	3 7/8	10	9 3/8	30 1/2			
	0	3	30-H	1 1/4	13 3/4	17 7/8	13 1/4	3 7/8	10	9 3/8	30 1/2			
	0	5	44-H	1 1/4	12 1/2	21 1/4	12	3 7/8	14	9 3/8	35 7/8			
	0	8	50-H	1 1/4	17	22 3/4	15 3/4	6 3/8	20 1/2	9 3/8	42 1/2			
	1	0	60-H	1 1/4	17	26 7/8	18 3/4	7 7/8	30	9 3/8	53 7/8			
	15		72-H	1 1/4	17	34 3/8	18 3/4	7 7/8	36	9 3/8	68 7/8			
	2	0		1 1/4	29 3/8	31 1/8	28 3/8	7 7/8	32	9 3/8	71 7/8			
	2	5	78-H	1 1/4	29 3/8	31 1/8	28 3/8	7 7/8	32	9 3/8	71 7/8			
	3	0		1 1/4	29 3/8	31 1/8	28 3/8	7 7/8	32	9 3/8	71 7/8			
	.			CONTINUED - TOP DISCHARGE, END RETURN										
UNIT SIZE	UNIT CABINET	EXHA	AUST DIS	CHARG	E (in.)		O/A INT	AKE (in.)	тоти	TOTAL EST.			
(TONS)	SIZES	м	N	0 (5)	Р	I	J	к	L		ight BS.)			
02	36-H	3 3/4	12 3/4	17 7/8	13 1/4	28 1/2	20 4/4	0.5/0	35 7/8	1	769			
03	1 30-11					20 1/2	20 1/4	6 5/8	1 33 7/0		709			
		3 3/4	12 3/4	17 7/8	13 1/4	28 1/2	20 1/4		35 7/8	_	709 819			
05	44-H	3 3/4 3 3/4	12 3/4 11 1/2	17 7/8 21 1/4	13 1/4 12			6 5/8		1				
05 08	44-Н 50-Н					28 1/2	20 1/4	6 5/8 5 1/4	35 7/8	1	819			
		3 3/4	11 1/2	21 1/4	12	28 1/2 26 1/2	20 1/4 26 1/8	6 5/8 5 1/4 5 5/8	35 7/8 43 7/8	1 2 2	819 196			
08	50-H	3 3/4 6 1/4	11 1/2 16	21 1/4 22 3/4	12 15 3/4	28 1/2 26 1/2 37	20 1/4 26 1/8 23 5/8	6 5/8 5 1/4 5 5/8 6 1/4	35 7/8 43 7/8 49 7/8	1 2 2 3	819 196 838			
08 10	50-Н 60-Н	3 3/4 6 1/4 7 3/4	11 1/2 16 16	21 1/4 22 3/4 26 7/8	12 15 3/4 18 3/4	28 1/2 26 1/2 37 43 1/2	20 1/4 26 1/8 23 5/8 29 1/2	6 5/8 5 1/4 5 5/8 6 1/4 7 3/4	35 7/8 43 7/8 49 7/8 59 7/8	1 2 2 3 5	819 196 838 555			
08 10 15	50-Н 60-Н	3 3/4 6 1/4 7 3/4 7 3/4	11 1/2 16 16 16	21 1/4 22 3/4 26 7/8 34 3/8	12 15 3/4 18 3/4 18 3/4	28 1/2 26 1/2 37 43 1/2 45 1/2	20 1/4 26 1/8 23 5/8 29 1/2 35 5/8	6 5/8 5 1/4 5 5/8 6 1/4 7 3/4 6 1/4	35 7/8 43 7/8 49 7/8 59 7/8 71 7/8	1 2 2 3 5 5 5	819 196 838 555 106			

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ALL DIMENSIONS ARE IN INCHES

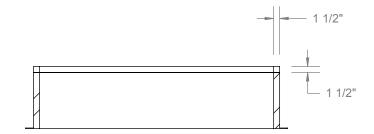
TOLERANCE ± 1/8"



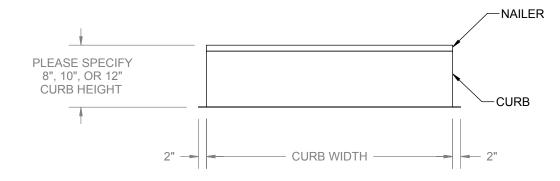
All Dimensions in Inches All Angles 90° All outside corners 0.125" fillet Unless Otherwise Specified				N120 W18485 FREISTADT RD GERMANTOWN, WI 53022 Tel: (262) 946-7400 Fax: (262) 946-7401					
	Drawn	Date Released	011						
	BCL	5/12/2	2011	EXT NON-PACKAGED w/ WHEEL					
Third Angle Projection	Sheet	5/6		Page Title TOP DISCHARGE GA					
Part weight	Scale		Rev.	Drawing Number					
		TS	4	G805-008					

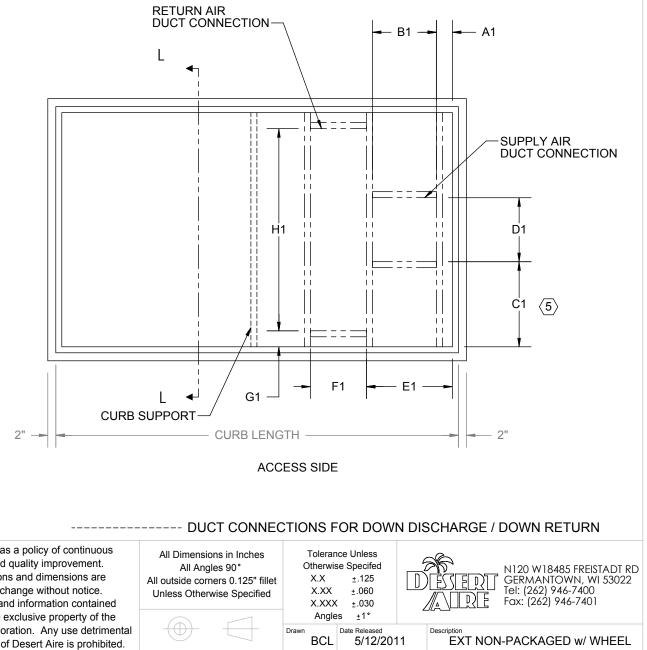
G805-008			END/END FLOW ROOFC URB DIMS TOP/END FLOW			W ROOFCURB DIM S				DOWN/DOWN FLOW ROOFCURB DIMS									
		UNIT CA BINET		MIDTH						MIDTU		SUPPLY DISCHARGE (in.)				RETURN INTAKE (in.)			
NOTES: REFER TO SHEET 1 FOR GENERAL NOTES.	SIZE (TONS)	SIZES	CURB P/N	WIDTH (in.)	LENGTH (in.)	CURB P/N	WIDTH (in.)	LENGTH (in.)	CURB P/N	WIDTH (in.)	LENGTH (in.)	A1	B1	C1(5)	D1	E1	F1	G1	H1
CURBS 120" AND LESS ARE SHIPPED AS	02	36-H	CB02WNAN06-XX	45 1/2	115 3/8	CB02WNBN06-XX	45 1/2	115 3/8	CB02WNCN06-XX	45 1/2	115 3/8	0	12 3/4	14 5/8	13 1/4	14 1/4	13	5 3/4	31
COMPLETE CURBS. GREATER THAN 120" ARE SHIPPED KNOCKED DOWN.	03	O	CB03WNAN06-XX	45 1/2	115 3/8	CB03WNBN06-XX	45 1/2	115 3/8	CB03WNCN06-XX	45 1/2	115 3/8	0	12 3/4	14 5/8	13 1/4	14 1/4	13	5 3/4	31
	05	44-H	CB05WNAN06-XX	50 7/8	123 1/8	CB05WNBN06-XX	50 7/8	123 1/8	CB05WNCN06-XX	50 7/8	123 1/8	0	11 1/2	18	12	13	17	6	36
NUMBER AND LOCATION OF CROSS SUPPORT(S) IS DEPENDANT UPON THE	08	50-H	CB08WNAN06-XX	53 1/8	126 1/2	CB08WNBN06-XX	53 1/8	126 1/2	CB08WNCN07-XX	53 1/8	149 1/4	0	16	17 1/4	15 3/4	17 1/2	18	3 5/8	43
GUAGE OF MATERIAL USED TO CONTRUCT	10	60-H	CB10WNAN06-XX	64 1/2	127 1/8	CB10WNBN06-XX	64 1/2	127 1/8	CB10WNCN07-XX	64 1/2	150 3/4	0	16	21 3/8	18 3/4	17 1/2	30	3 3/4	54
THE CURB, DUCT SUPPORT CONFIGURATION,	15	72-H	CB15WNAN06-XX	79 1/2	136 7/8	CB15WNBN06-XX	79 1/2	136 7/8	CB15WNCN07-XX	79 1/2	162 1/8	0	16	28 7/8	18 3/4	17 1/2	31	3 3/4	69
LENGTH OF CURB AND WIDTH OF CURB. INSTALLATION INSTRUCTIONS INCLUDED	20		CB20WNAN06-XX	82 1/2	148 5/8	CB20WNBN06-XX	82 1/2	148 5/8	CB20WNCN07-XX	82 1/2	175 3/4	0	28 3/8	25 5/8	28 3/8	29 7/8	32	3 3/4	72
WITH CURB SHIPMENT INDICATE THE	25	78-H	CB25WNAN06-XX	82 1/2	148 5/8	CB25WNBN06-XX	82 1/2	148 5/8	CB25WNCN07-XX	82 1/2	175 3/4	0	28 3/8	25 5/8	28 3/8	29 7/8	32	3 3/4	72
REQUIRED POSITION FOR FIELD	30	1	CB30WNAN06-XX	82 1/2	148 5/8	CB30WNBN06-XX	82 1/2	148 5/8	CB30WNCN07-XX	82 1/2	175 3/4	0	28 3/8	25 5/8	28 3/8	29 7/8	32	3 3/4	72
ASSEMBLED CURBS		•	•		•	•		•					•	· · ·		-	•	•	

AIRFLOW \rightarrow



SECTION L-L





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ALL DIMENSIONS ARE IN INCHES	Third Angle Projec				
TOLERANCE ± 1/8"	Part weight				

CURB TOP VIEW $\langle 5 \rangle \langle 6 \rangle$

ection	Sheet	6/6		Page Title CURB DETAILS GA				
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