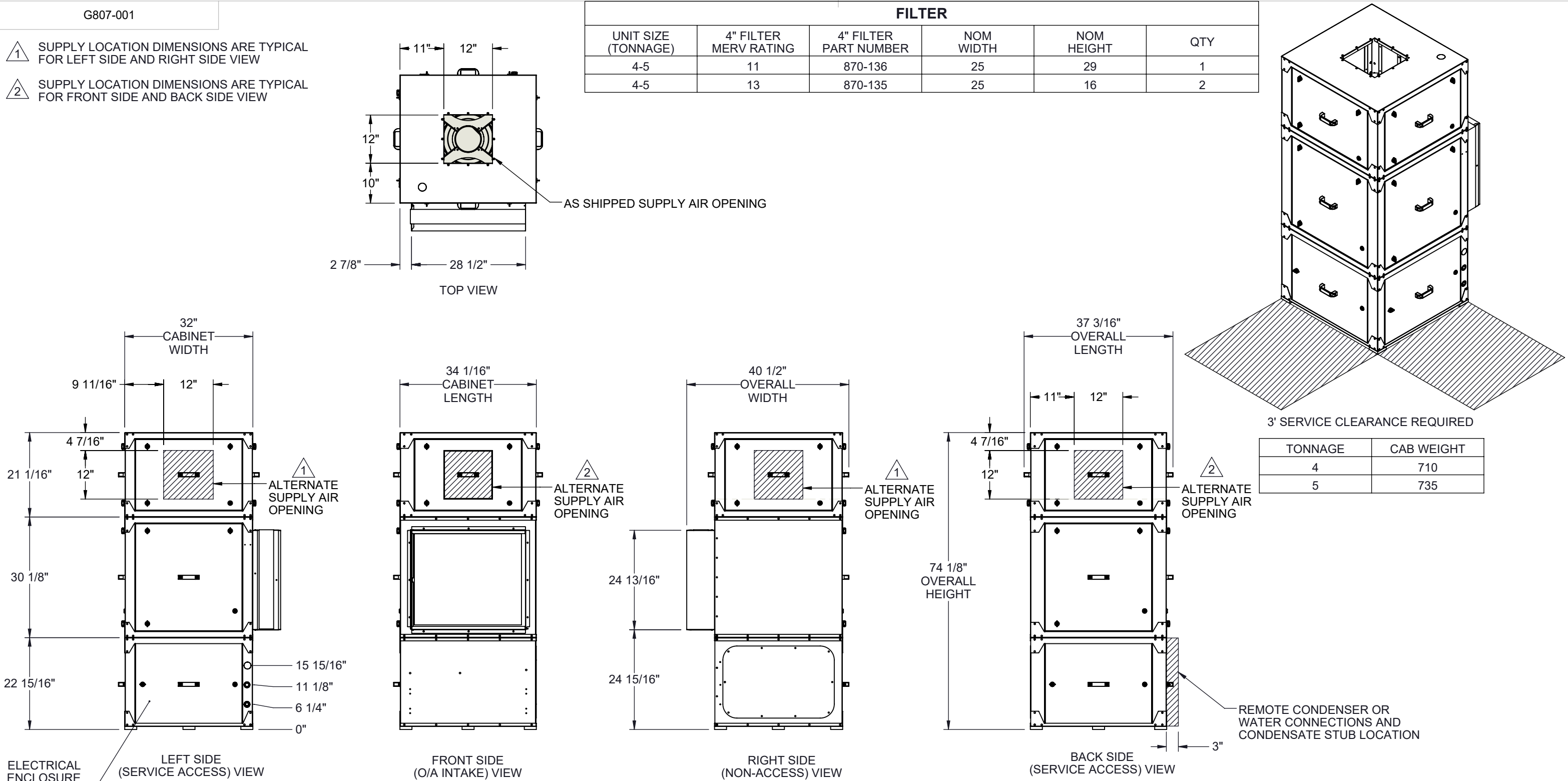


- 1

SUPPLY LOCATION DIMENSIONS ARE TYPICAL FOR LEFT SIDE AND RIGHT SIDE VIEW
- 2

SUPPLY LOCATION DIMENSIONS ARE TYPICAL FOR FRONT SIDE AND BACK SIDE VIEW



- NOTES:
1.

UNIT CAN BE FIELD CONFIGURED FOR ANY ALTERNATE SUPPLY AIR LOCATION SHOW SEE I/O MANUAL FOR DETAILED INFORMATION TO RELOCATE SUPPLY AIR OPENING
2.

ADD AN APROXIMATE 1/2" TO CABINET DIMENSIONS FOR EXTERIOR PANEL FASTENERS
3.

FILTER RACK AND ALL DOORS ARE REMOVABLE FOR ADDITIONAL CLEARANCE

WATER COOLED AND HEAT PUMP CONDENSER CONNECTIONS		OPTIONAL REMOTE CONDENSER CONNECTIONS		CONDENSATE DRAIN CONNECTION
WATER LINE SIZE DIMENSIONAL COPPER		REFRIGERANT LINE SIZE DIMENSIONAL COPPER		PVC
INLET	OUTLET	DISCHARGE	LIQUID RETURN	OUTLET
1 1/4"	1 1/4"	7/8"	5/8"	1"

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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

Third Angle Projection

Part weight

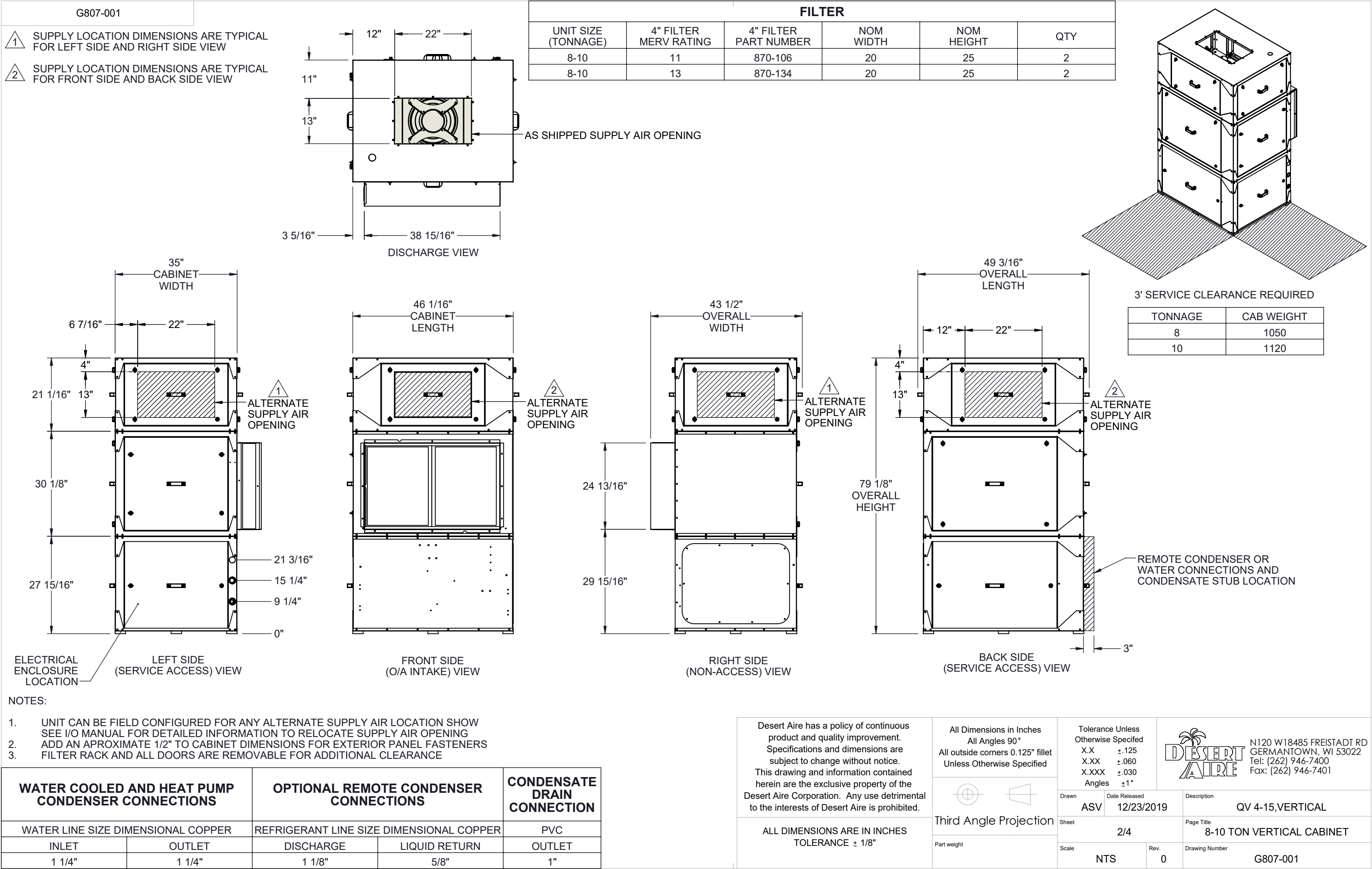
Tolerance Unless Otherwise Specified	
X.X	±.125
X.XX	±.060
X.XXX	±.030
Angles	±1°

Drawn	Date Released	Description
ASV	12/23/2019	QV 4-15,VERTICAL

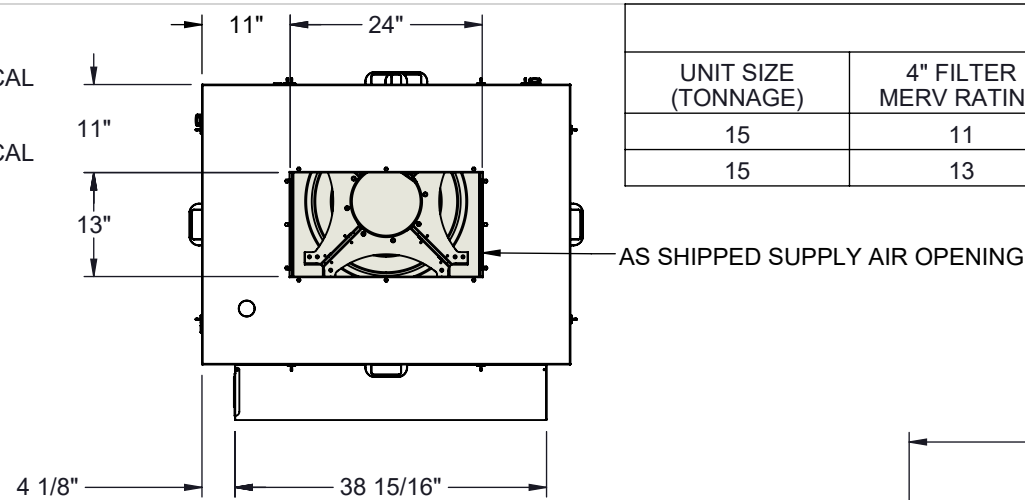
Sheet	Page Title
1/4	4-5 TON VERTICAL CABINET

Scale	Rev.	Drawing Number
NTS	0	G807-001

N120 W18485 FREISTADT RD  
GERMANTOWN, WI 53022  
Tel: (262) 946-7400  
Fax: (262) 946-7401



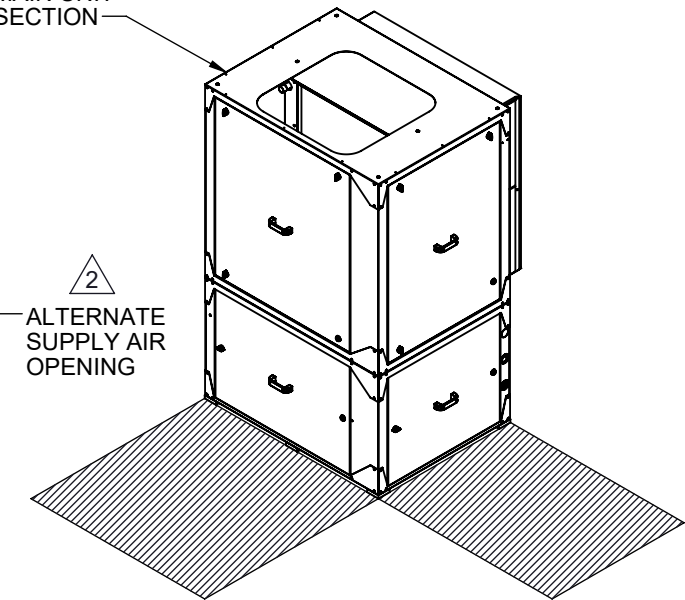
- 1 SUPPLY LOCATION DIMENSIONS ARE TYPICAL FOR LEFT SIDE AND RIGHT SIDE VIEW
- 2 SUPPLY LOCATION DIMENSIONS ARE TYPICAL FOR FRONT SIDE AND BACK SIDE VIEW
- 3 QV15 FAN BOX IS SHIPPED SEPARATE AND FIELD INSTALLED
- 4 QV15 MAIN UNIT



FILTER					
UNIT SIZE (TONNAGE)	4" FILTER MERV RATING	4" FILTER PART NUMBER	NOM WIDTH	NOM HEIGHT	QTY
15	11	870-107	20	20	4
15	13	870-129	20	20	4

FAN BOX  
SECTION

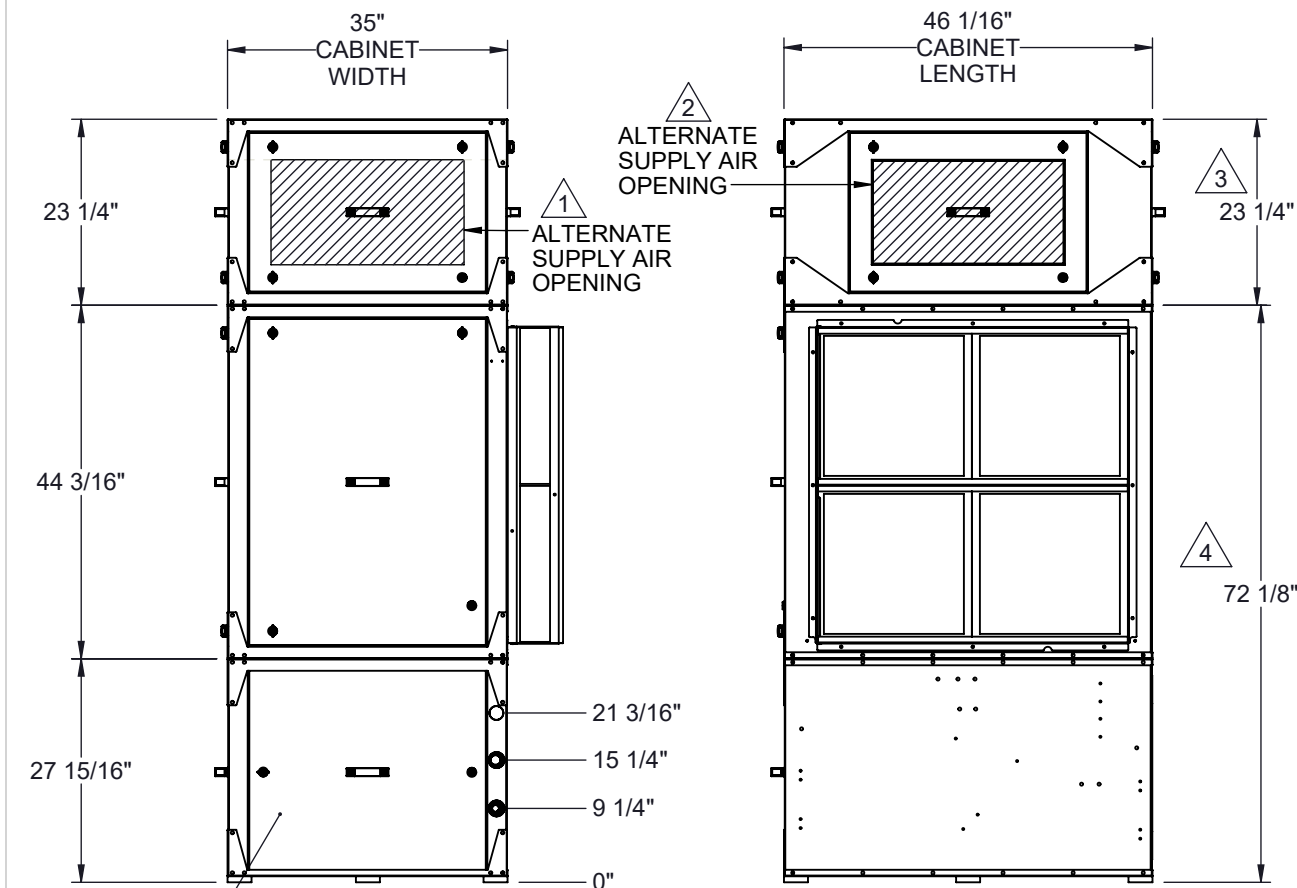
MAIN UNIT  
SECTION—



3' SERVICE CLEARANCE REQUIRED

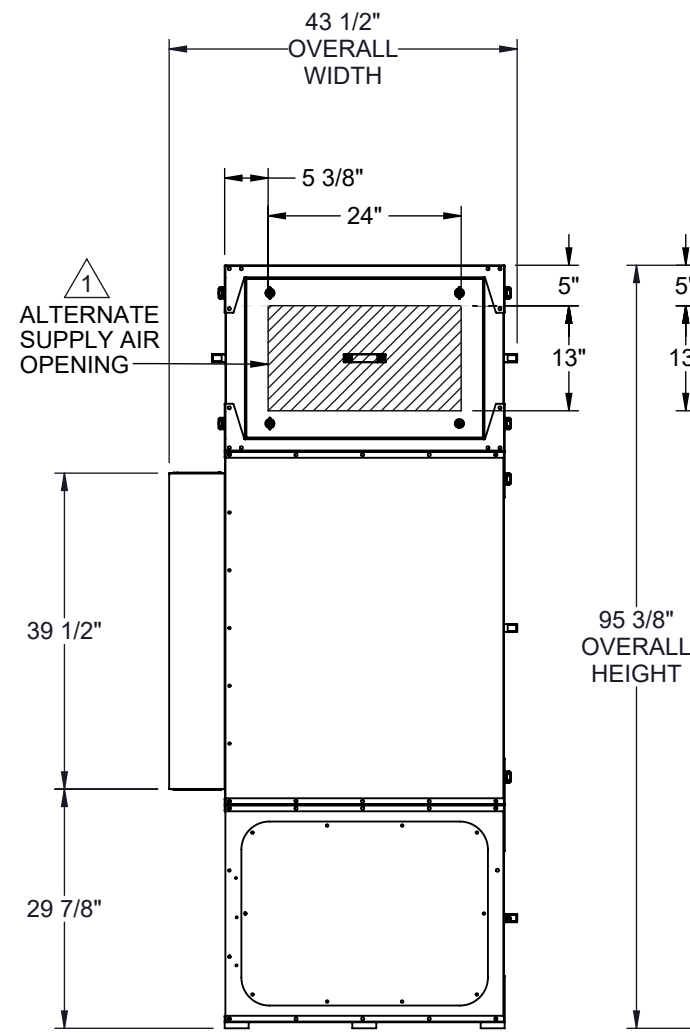
TONNAGE	CAB WEIGHT
15	1560

— REMOTE CONDENSER OR  
WATER CONNECTIONS AND  
CONDENSATE STUB LOCATION

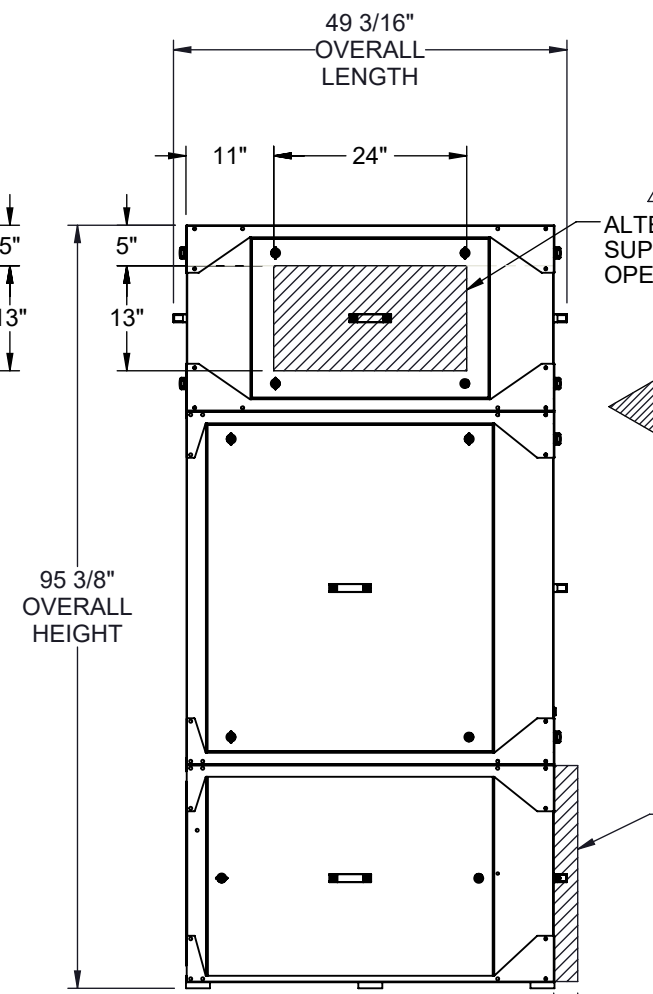


ELECTRICAL ENCLOSURE LOCATION — LEFT SIDE (SERVICE ACCESS) VIEW

FRONT SIDE  
(O/A INTAKE) VIEW



RIGHT SIDE  
(NON-ACCESS) VIEW



BACK SIDE  
(SERVICE ACCESS) VIEW

NOTES:

1. UNIT CAN BE FIELD CONFIGURED FOR AN ALTERNATE SUPPLY AIR LOCATION SHOWN
2. SEE I/O MANUAL FOR DETAILED INFORMATION TO RELOCATE SUPPLY AIR OPENING
3. ADD AN APPROXIMATE 1/2" TO CABINET DIMENSIONS FOR EXTERIOR PANEL FASTENERS
4. FILTER RACK AND ALL DOORS ARE REMOVABLE FOR ADDITIONAL CLEARANCE
5. QV15 UNIT IS SHIPPED IN TWO PIECES SEE I/O MANUAL FOR ASSEMBLY INSTRUCTIONS
6. QV15 UNIT IS SHOWN ASSEMBLED IN ALL VIEWS UNLESS NOTED

WATER COOLED AND HEAT PUMP CONDENSER CONNECTIONS		OPTIONAL REMOTE CONDENSER CONNECTIONS		CONDENSATE DRAIN CONNECTION
WATER LINE SIZE DIMENSIONAL COPPER		REFRIGERANT LINE SIZE DIMENSIONAL COPPER		PVC
INLET	OUTLET	DISCHARGE	LIQUID RETURN	OUTLET
1 1/2"	1 1/2"	1 1/8"	7/8"	1"

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ALL DIMENSIONS ARE IN INCHES  
TOLERANCE  $\pm 1/8"$

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



### Third Angle Projection

Part weight

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

Drawn

	Date Released
W	12/23/

n	Sheet
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	Scale
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NTS

DESERT AIRE

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GERMANTOWN, WI 53022  
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Description
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QV 4-15, VERTICAL

Page Title

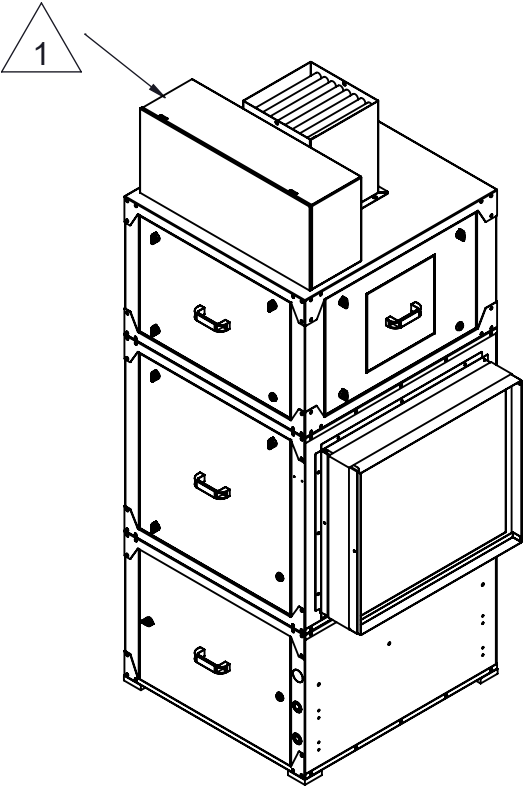
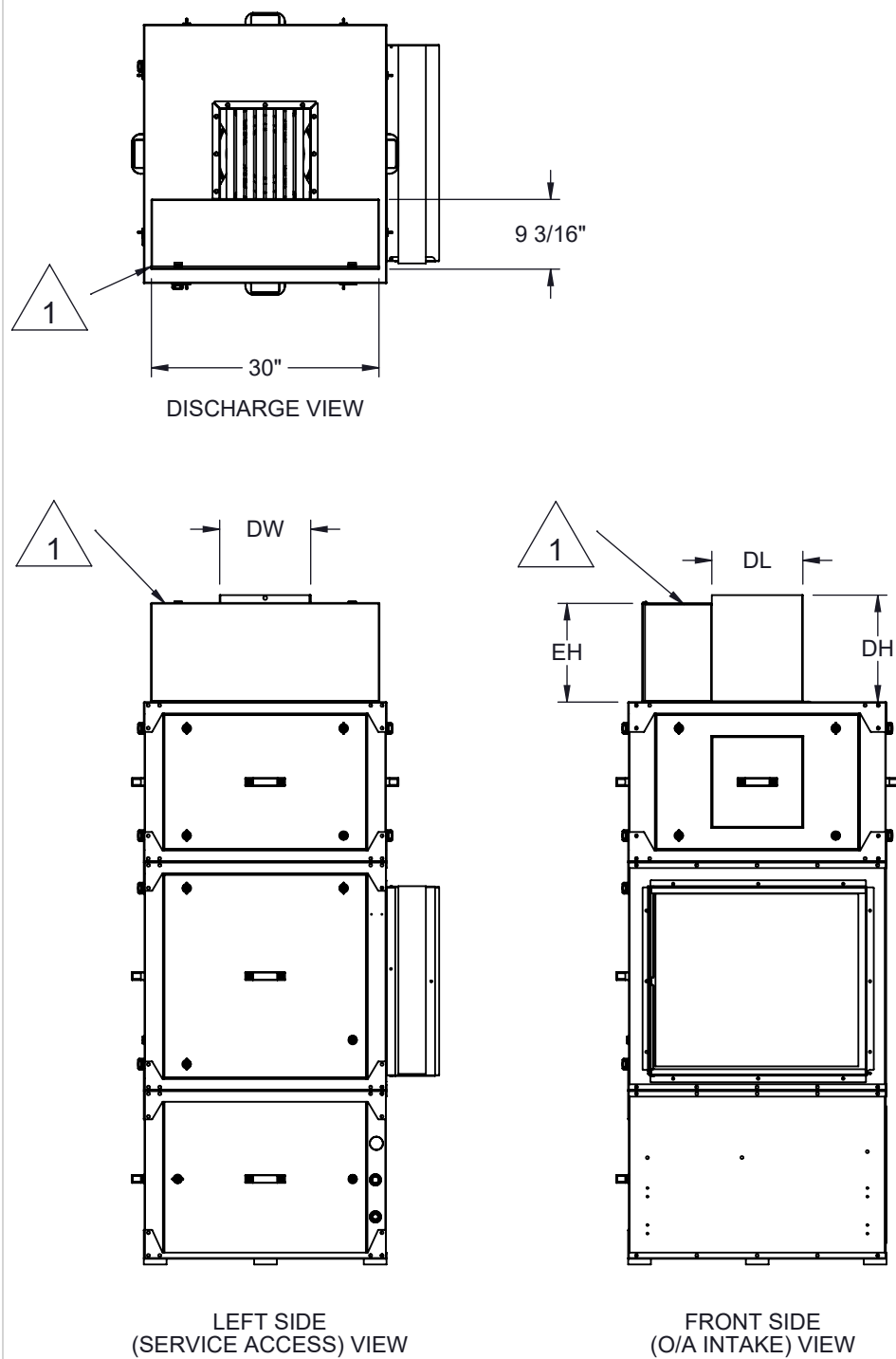
# 15 TON VERTICAL CABINET

	Drawing Number
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G807-001

G807-001	APPLICABLE UNIT	AIRFLOW ORIENTATION	MAX KW / SUPPLY VOLTAGE																		DUCT HEATER DIMENSIONS							
			240/1/60			240/3/60			480/3/60			600/3/60			208/1/60			208/3/60			DL	DW	DH			EH		
			SML	MED	LRG	SML	MED	LRG	SML	MED	LRG	SML	MED	LRG	SML	MED	LRG	SML	MED	LRG			SML	MED	LRG	SML	MED	LRG
	QV04-05	VERTICAL	16	N/A	30	15	N/A	37	18	N/A	42	20	N/A	40	15	N/A	26	16	N/A	32	12"	12"	14"	N/A	23"	13"	N/A	22"
	QV08-10	VERTICAL	16	30	40	15	37	55	18	42	70	20	40	62	15	31	37	16	32	50	22"	13"	14"	21"	33"	13"	20"	32"
QV15	VERTICAL	20	32	45	25	50	60	26	50	74	26	46	66	20	28	39	22	45	54	24"	13"	14"	21"	33"	13"	20"	32"	

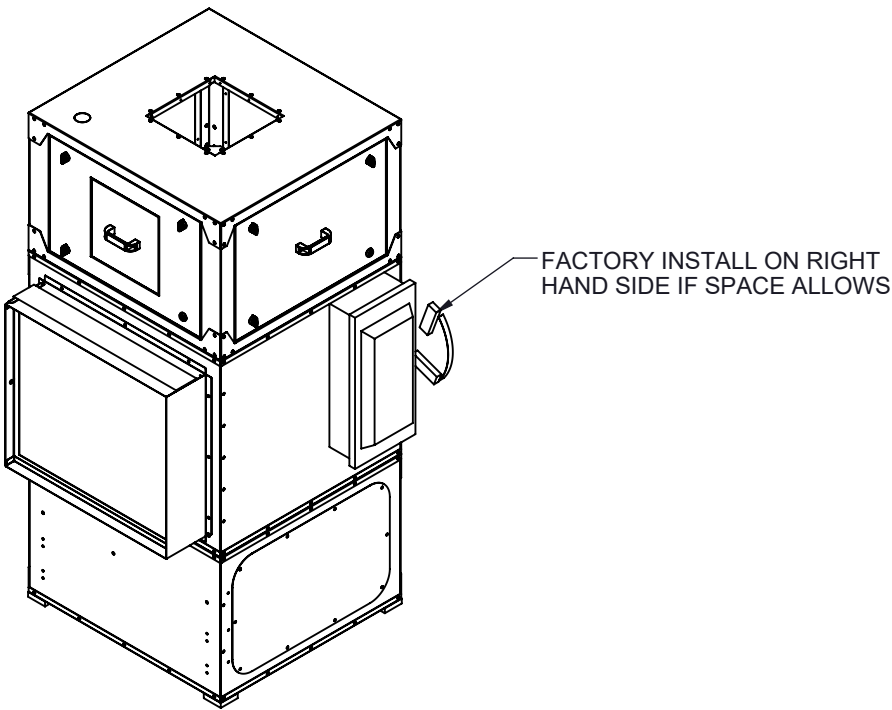
DUCT HEATER OPTION VIEWS




- NOTES:
- 1. DUCT HEATER MUST BE INSTALLED IN AIRFLOW ORIENTATION ORDERED
  - 2. CONTACT FACTORY FOR NEW HEATER IF CHANGE TO SUPPLY ORIENTATION IS DESIRED

1 HEATER IS FACTORY SUPPLIED ACCESSORY FIELD INSTALLED

DISCONNECT OPTION VIEW



- NOTES:
- 1. DISCONNECT LOCATED AS SHOWN OR FACTORY SUPPLIED AND FIELD INSTALLED

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Third Angle Projection		Drawn ASV		Date Released 12/23/2019		Description QV 4-15, VERTICAL	
ALL DIMENSIONS ARE IN INCHES TOLERANCE ± 1/8"		Sheet 4/4		Page Title OPTIONS		Drawing Number G807-001	
Part weight		Scale NTS		Rev. 0			