

REVISIONS					
ZONE	REV	ECN	DESCRIPTION	DATE	APPROVED
1-D7	A	1298388	ORIGINAL RELEASE	2018OCT09	S.GOTHI H.PATEL
1-C8	B	1368450	RS15N, RS18N, RS22N WEIGHT DETAILS ARE ADDED NOTE 6 : CLEARANCE RECOMMENDED 36 INCHES WAS 40 INCHES.	2019AUG12	S.GOTHI KR MAHESH
10A1	C	1369683	ADDED SHT 10: OUTDOOR MOD FOR FS NON-TAS.	2019AUG19	R. REDMON C. H. FRAZIER

NOTES:

1.

WEIGHT (APPROXIMATE)		
MODEL	50 Hz	60 Hz
RS11i	523 KG (1152 LBS)	520 KG (1146 LBS)
RS15i	538 KG (1185 LBS)	512 KG (1129 LBS)
RS18i	570 KG (1256 LBS)	507 KG (1118 LBS)
RS22i	592 KG (1306 LBS)	546 KG (1204 LBS)
RS15n	663 KG (1461 LBS)	663 KG (1461 LBS)
RS18n	679 KG (1496 LBS)	679 KG (1496 LBS)
RS22n	695 KG (1532 LBS)	695 KG (1532 LBS)
RS11i TAS	672 KG (1480 LBS)	669 KG (1474 LBS)
RS15i TAS	687 KG (1514 LBS)	661 KG (1457 LBS)
RS18i TAS	719 KG (1584 LBS)	656 KG (1447 LBS)
RS22i TAS	746 KG (1646 LBS)	700 KG (1544 LBS)
RS15n TAS	812 KG (1790 LBS)	812 KG (1790 LBS)
RS18n TAS	828 KG (1825 LBS)	828 KG (1825 LBS)
RS 22n TAS	849 KG (1872 LBS)	849 KG (1872 LBS)

2. USE FORK LIFT TUBES FOR MACHINE LIFTING.

3.

COOLING AIR FLOW		
MODEL NAME	50 Hz (CFM)	60 Hz (CFM)
FS/VS NON-TAS	2430	2295
FS/VS TAS	(2430+941)	(2295+941)

4. PIPE CONDENSATE DRAIN LINES SEPARATELY TO BASE DUE TO DIFFERENCES IN DRAIN PRESSURES. READ OPERATIONS MANUAL AND CHECK LOCAL REGULATIONS.

5. LUBRICANT FILL QUANTITY: 11.0 LITRES (2.90 US GALLONS)

6. RECOMMENDED CLEARANCE ON 3 SIDES 915 MM (36 INCHES); THE STARTER BOX SIDE IS 915 MM (36 INCHES) OR MINIMUM AS REQUIRED BY LATEST NATIONAL ELECTRICAL CODE OR APPLICABLE LOCAL CODES.

7. EXTERNAL PIPING SHOULD NOT EXERT ANY UNRESOLVED MOMENTS OR FORCES ON UNIT. USE PIPE OF EQUAL OR GREATER SIZE AT DISCHARGE LOCATION OF UNIT.

8. THERE SHOULD BE NO PLASTIC OR PVC PIPING ATTACHED TO THIS UNIT OR USED FOR ANY LINES DOWNSTREAM.

9. FIELD INSTALLED DUCTING TO AND FROM COMPRESSOR CANNOT ADD MORE THAN 6MM (.25 INCH) OF WATER TOTAL AIR RESISTANCE.

10. UNIT HAS AN INTERNAL DISCHARGE CHECK VALVE, EXTERNAL CHECK VALVE NOT REQUIRED. ISOLATION VALVE REQUIRED WITHIN 915 MM (36 INCHES) OF THE COMPRESSOR DISCHARGE.

11. COMPRESSOR MUST BE INSTALLED ON A LEVEL FLOOR CAPABLE OF SUPPORTING ENTIRE CONTACT SURFACE OF THE BASE FRAME. COMPRESSOR SHOULD BE BOLTED TO THE FLOOR WITH FOUR (4) M16 (3/4 INCH) BOLTS USING HOLES SHOWN ON SHEET 5. SEAL BASE TO FLOOR WITH CORK OR RUBBER.

12. DO NOT PIPE INTO A COMMON HEADER WITH A RECIPROCATING COMPRESSOR. UNLESS RECIP COMPRESSOR UTILIZES A DISCHARGE PULSATION DAMPENNER.

13.  DENOTES CENTER OF GRAVITY ±30MM.

14. SIZING OF ELECTRICAL COMPONENTS NOT SUPPLIED BY INGERSOLL-RAND IS THE RESPONSIBILITY OF THE CUSTOMER AND SHOULD BE DONE IN ACCORDANCE WITH THE INFORMATION ON THE COMPRESSOR DATA PLATE, NATIONAL AND LOCAL ELECTRIC CODES.

15. A BLANK GLAND PLATE IS PROVIDED FOR ELECTRICAL POWER INLET AS INDICATED.

16. WHEN INSTALLED INDOORS IN A CONFINED SPACE, THE COOLING AIR EXHAUST MUST BE DUCTED AWAY FROM UNIT TO PREVENT RECIRCULATION OF HOT EXHAUST AIR.

17. CONNECTION LEGEND
 - ALL 60 Hz CONNECTIONS ARE NPT (UNLESS SPECIFIED OTHERWISE)
 - ALL 50 Hz CONNECTIONS ARE BSPT (UNLESS SPECIFIED OTHERWISE)

CUSTOMER CONNECTION			
ITEM	DESCRIPTION	NON-TAS	TAS
A	DISCHARGE AIR	1.00 INCH (FEMALE)	1.00 INCH (FEMALE)
B	ELECTRICAL INLET	63.5 MM	63.5 MM
C	PACKAGE AIR INLET (COMPRESSOR)		
D	PACKAGE AIR EXHAUST (COMPRESSOR)		
E	AIR INLET (VSD)		
F	AIR EXHAUST (VSD)		
G	PACKAGE AIR INLET (DRYER)		
H	PACKAGE AIR EXHAUST (DRYER)		
I	CONDENSATE DRAIN (DRYER)	NA	0.25 INCH

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DO NOT SCALE DRAWING
 DRAWING CONFORMS TO ASME Y14.5M - 1994

CAD GENERATED DRAWING, NO MANUAL REVISIONS ALLOWED

UNLESS OTHERWISE SPECIFIED:
 - REMOVE ALL BURRS AND SHARP CORNERS
 - WELD SYMBOLS TO BE IN ACCORDANCE WITH ANSI/AWS A2.4

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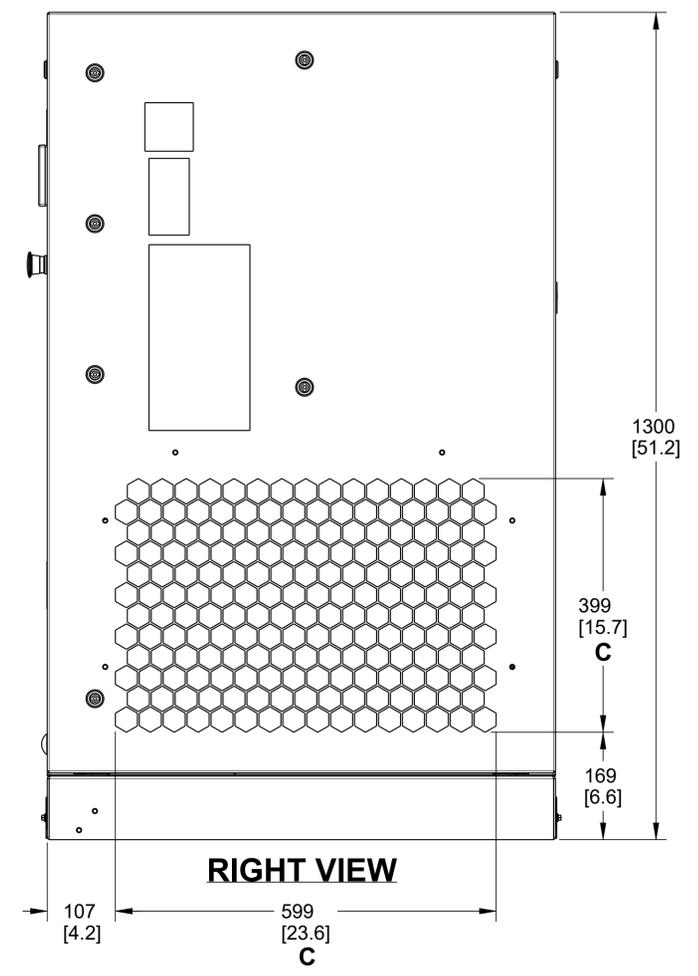
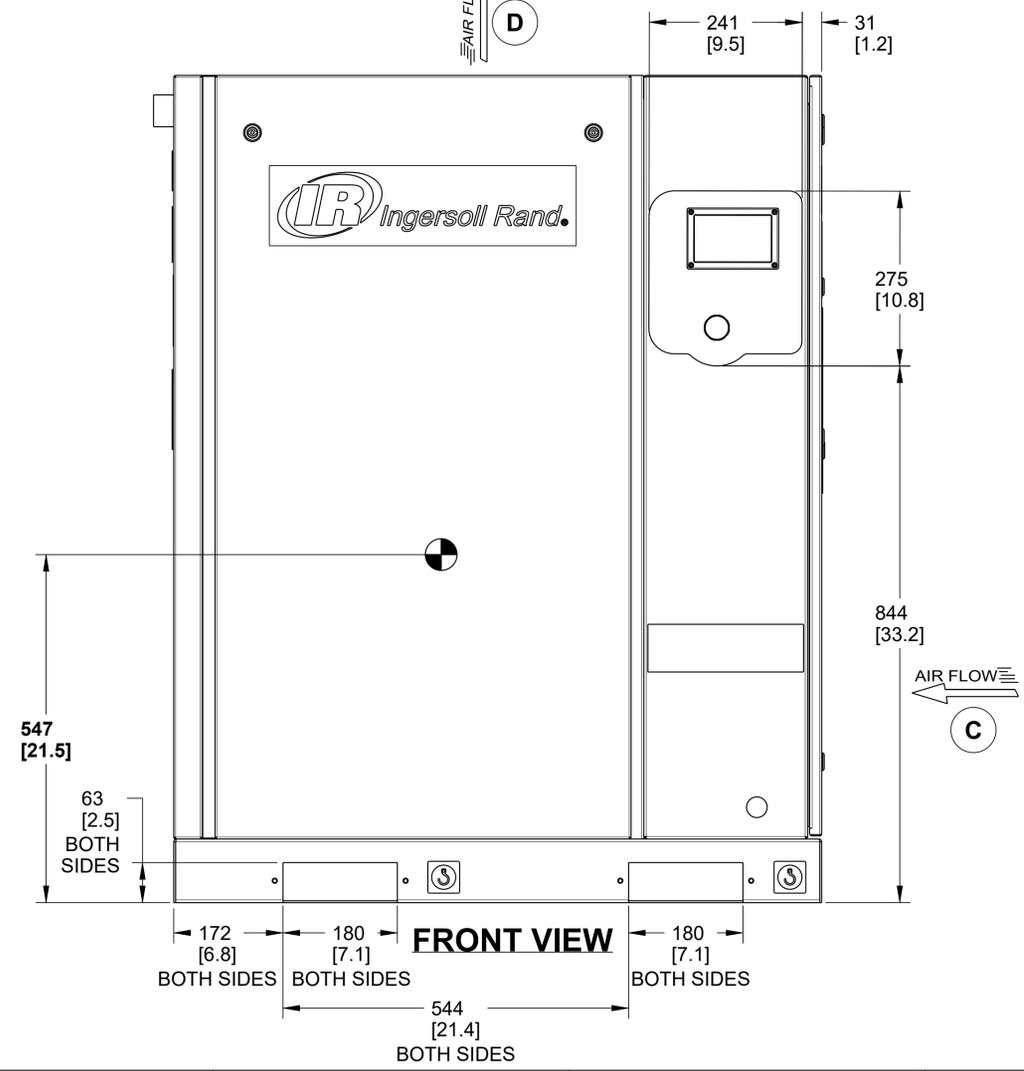
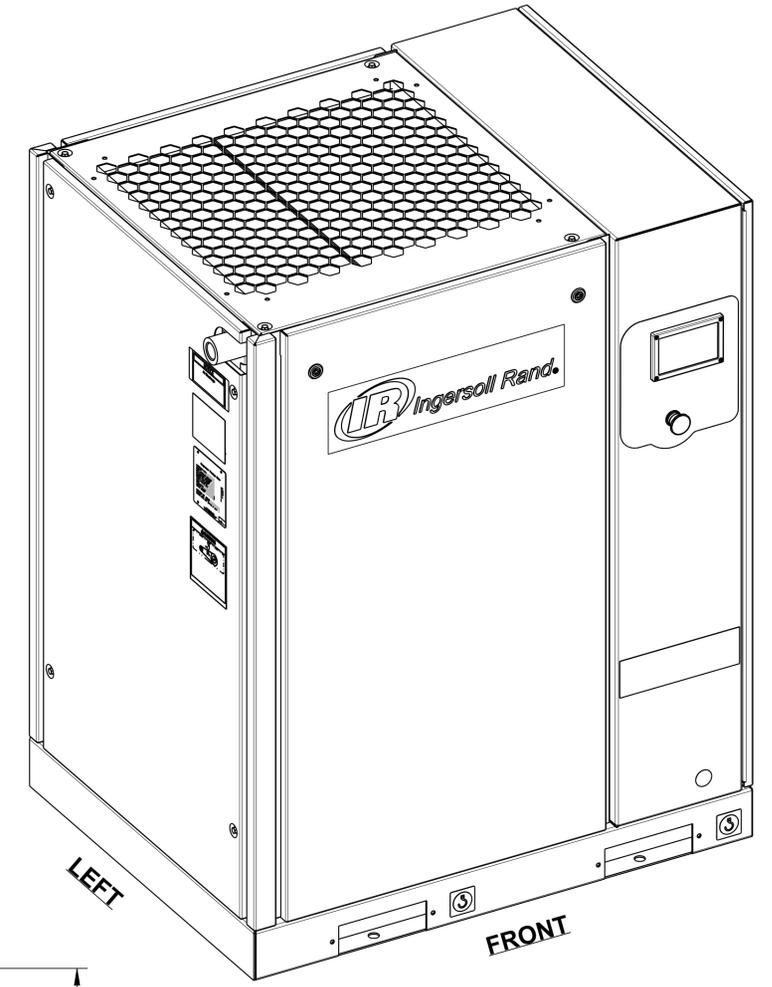
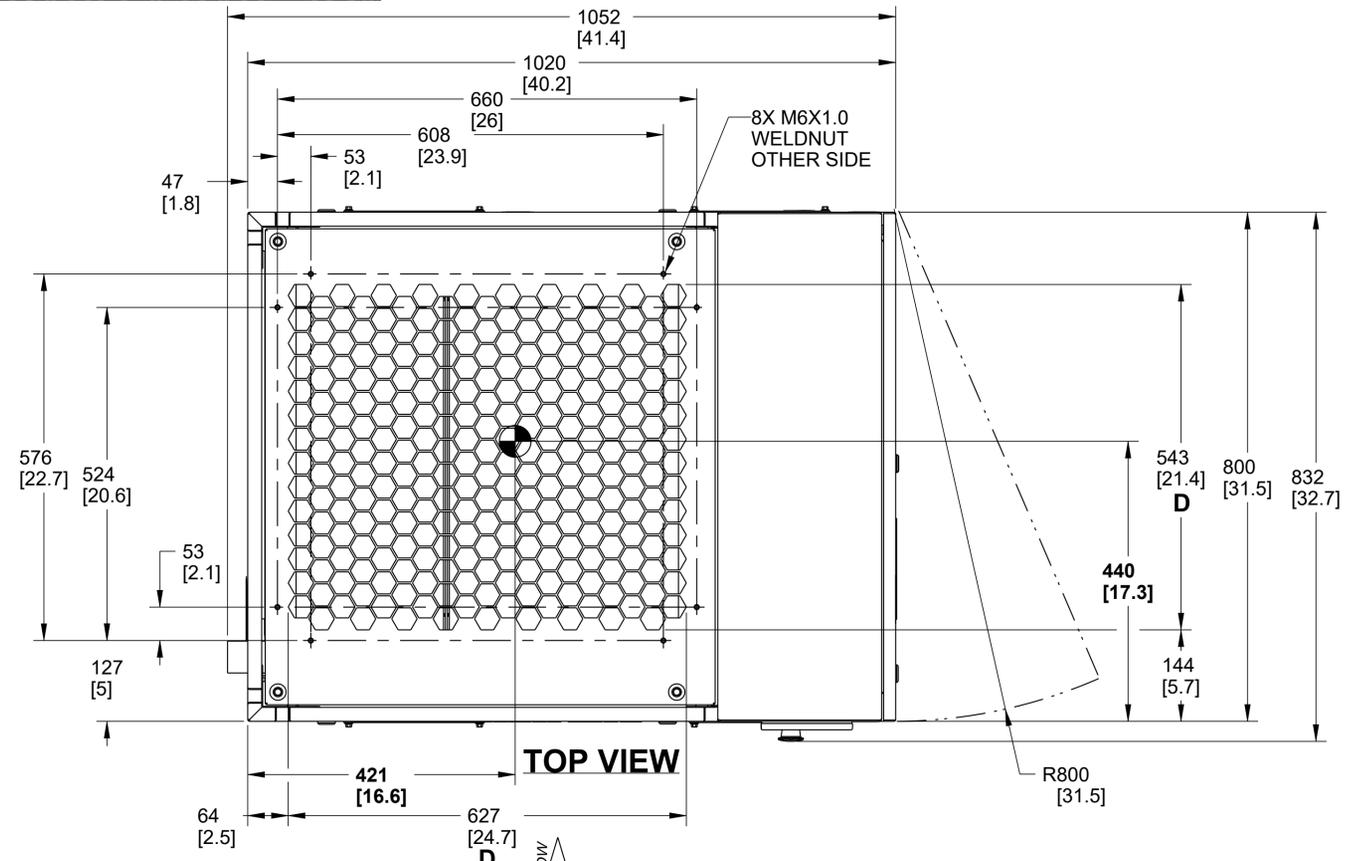
THIRD ANGLE PROJECTION	
DRAWN	DATE
S.GOTHI	2018OCT09
CHECKED	DATE
S.PATEL	2018OCT09
APPROVED	DATE
H.PATEL	2018OCT09



NAME: **GENERAL ARRANGEMENT, RS11-22i, RS15-22n, BASE MOUNTED**

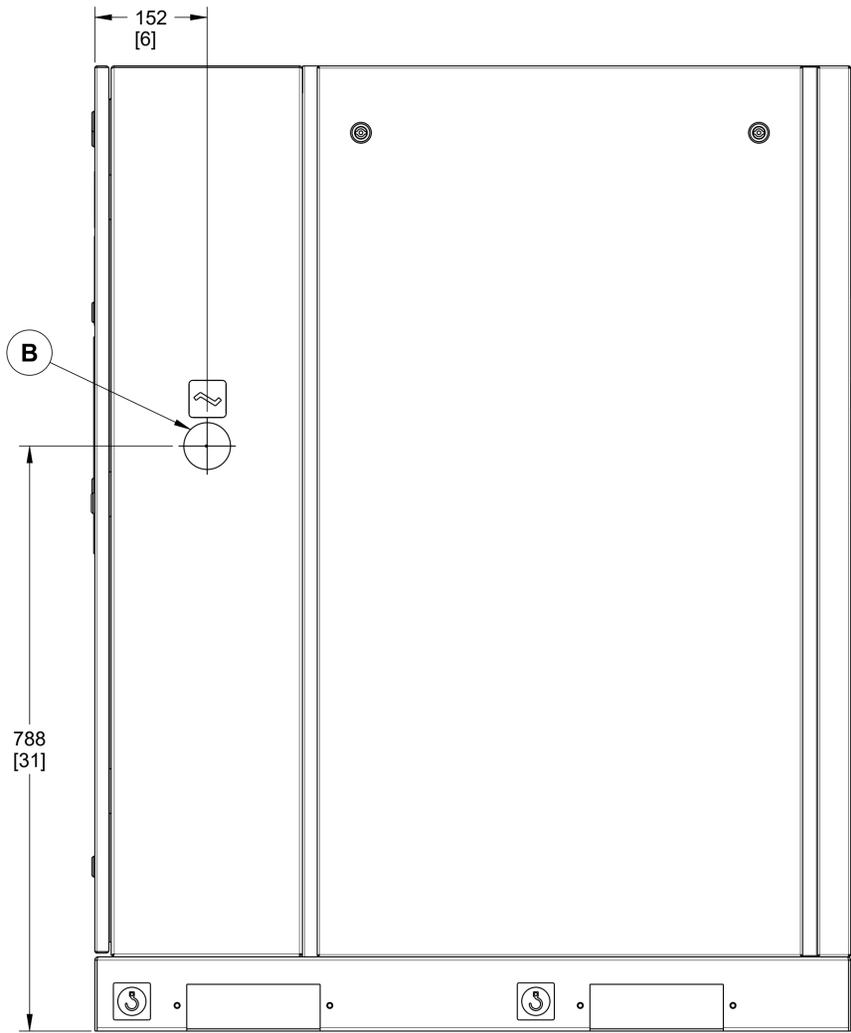
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SCALE: 0.20	MODEL: RS 11-22i, RS 15-22n & TAS	SHEET: 1	OF 10

OPTION: FS NON - TAS

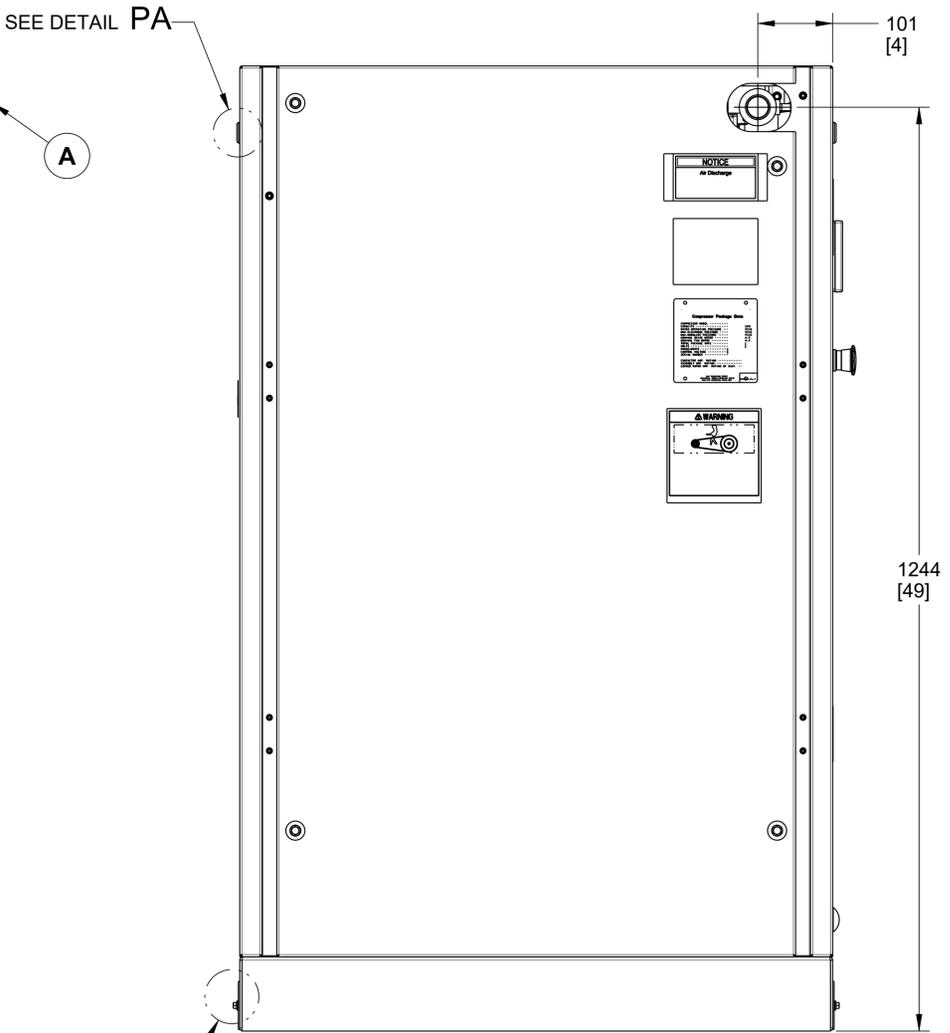


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<small>SIZE</small> A1	<small>DWG NO.</small> 47637548001	<small>REVISION</small> C	
<small>SCALE</small> 0,18	<small>NOMENCLATURE</small>	<small>SHEET</small> 2 OF 10	

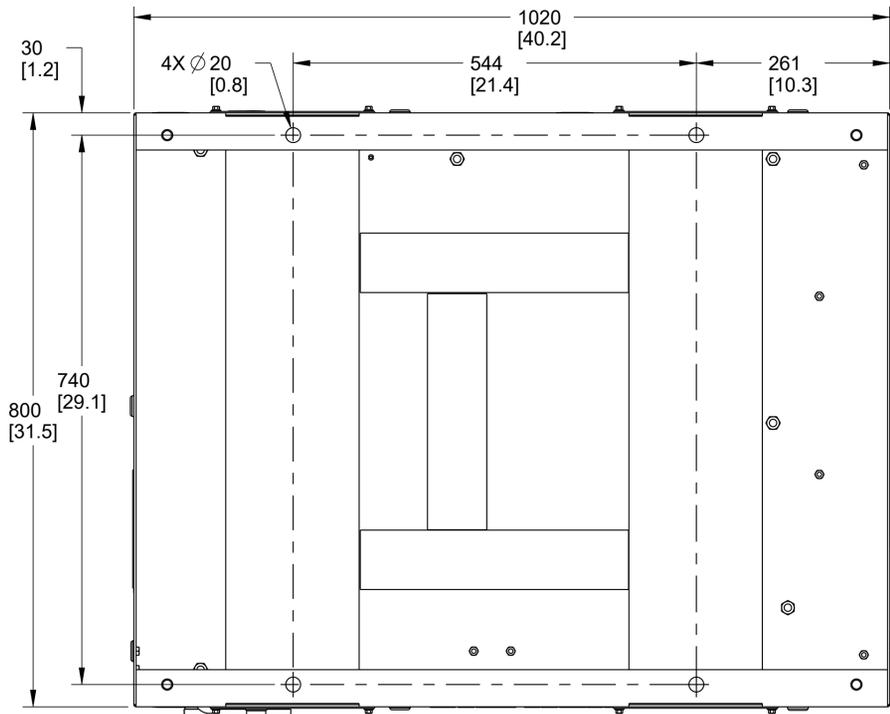
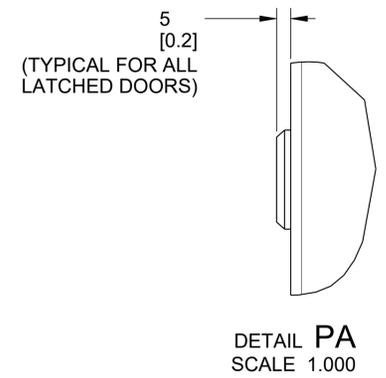
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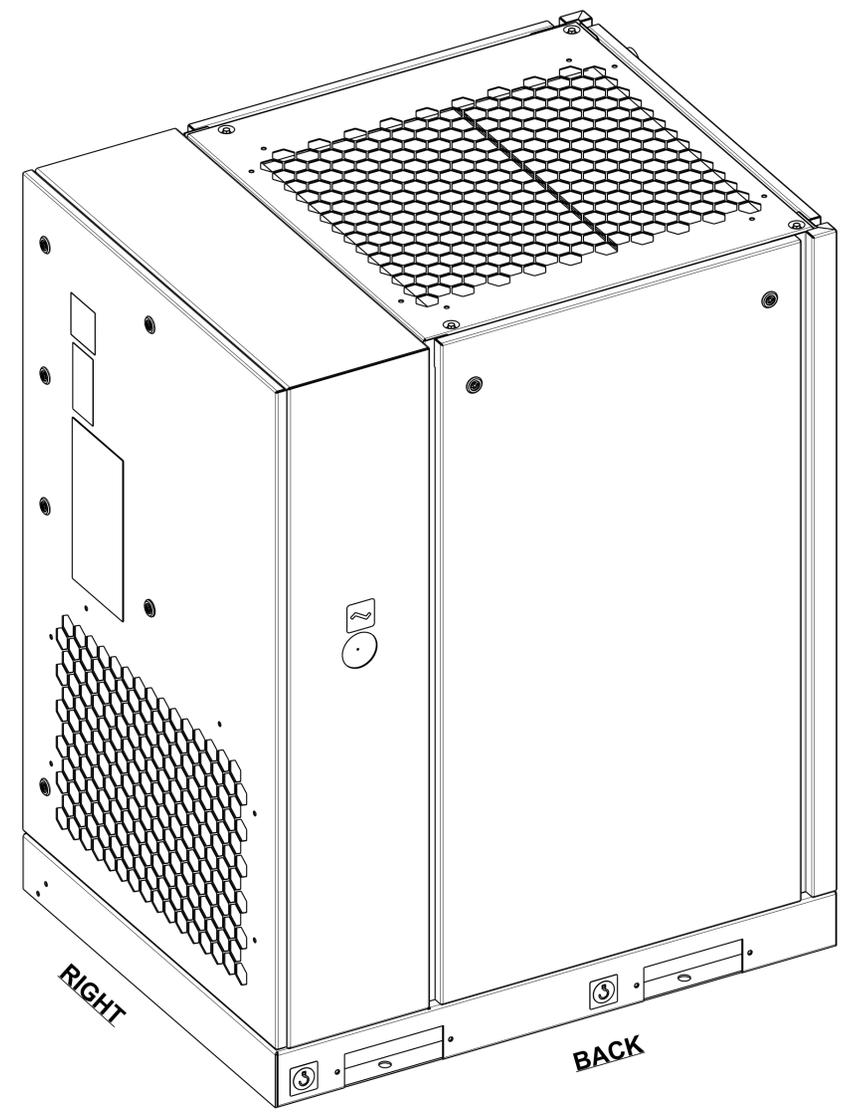
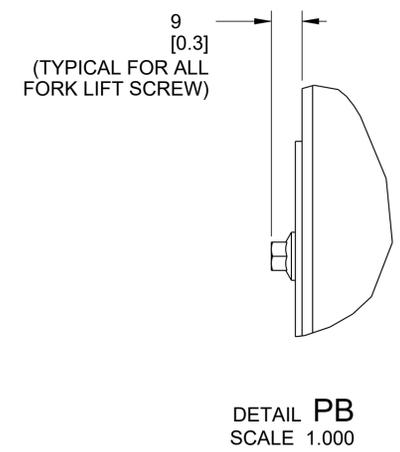
BACK VIEW



LEFT VIEW

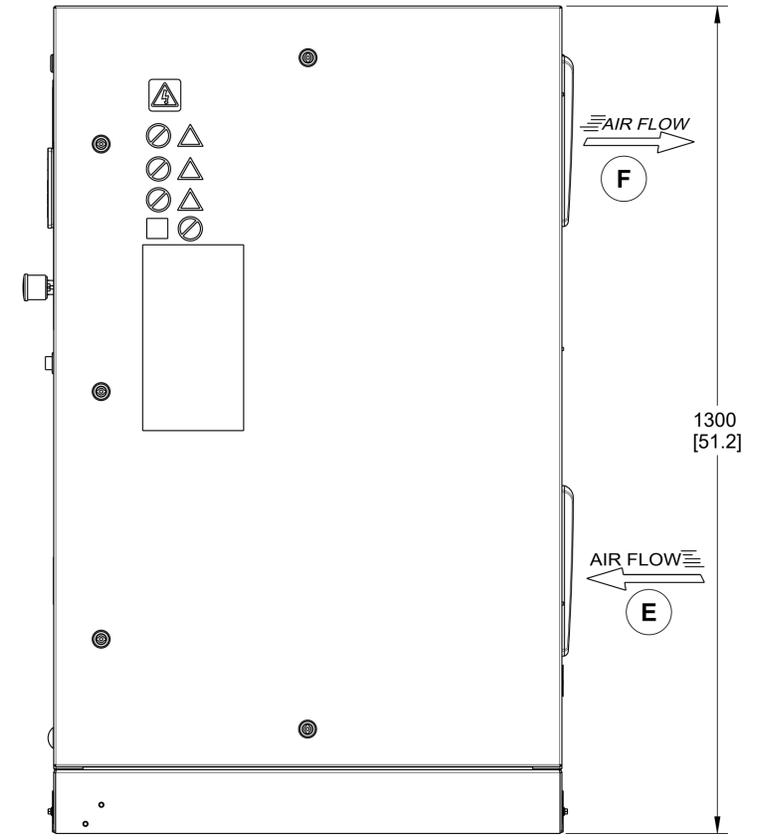
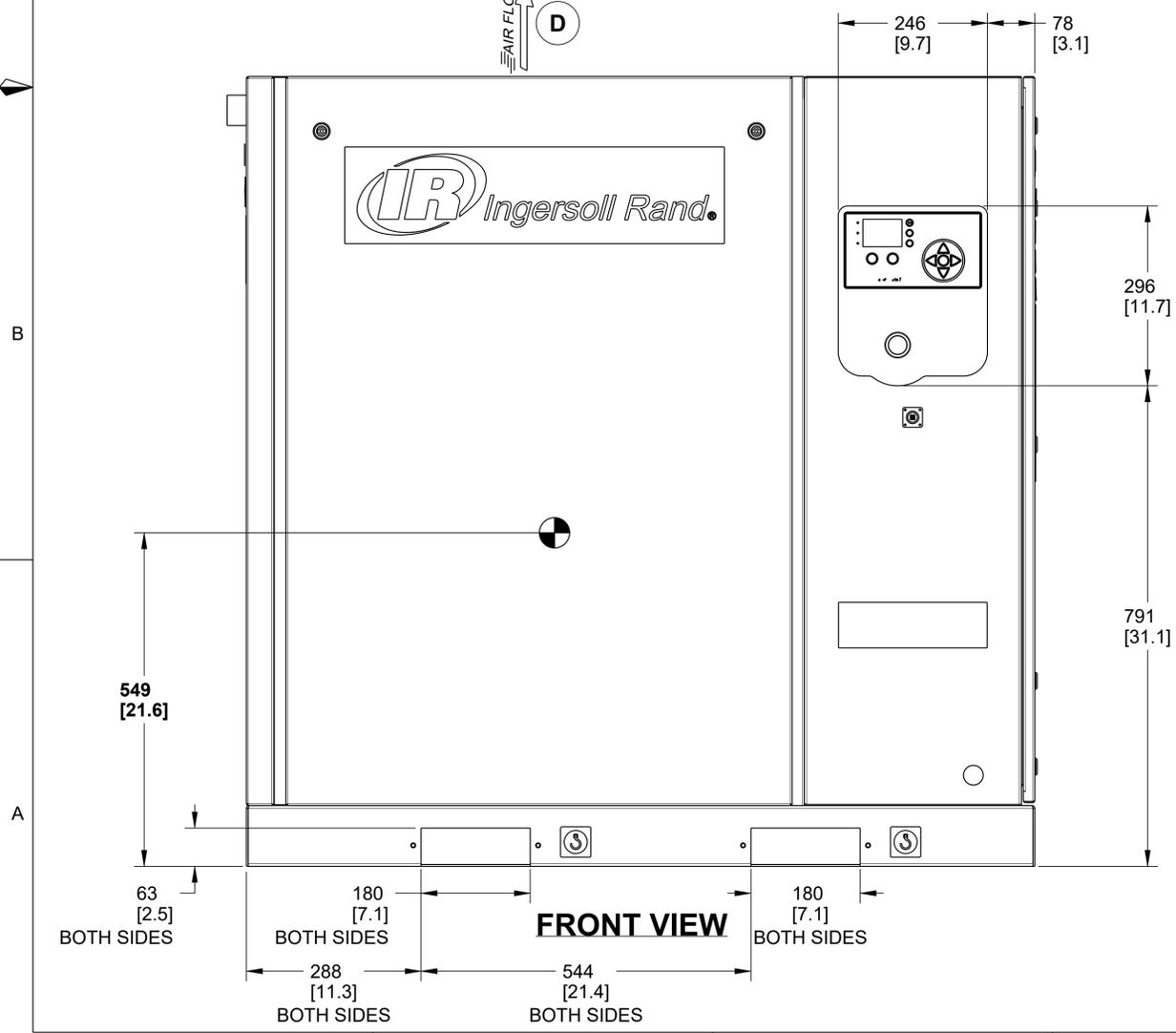
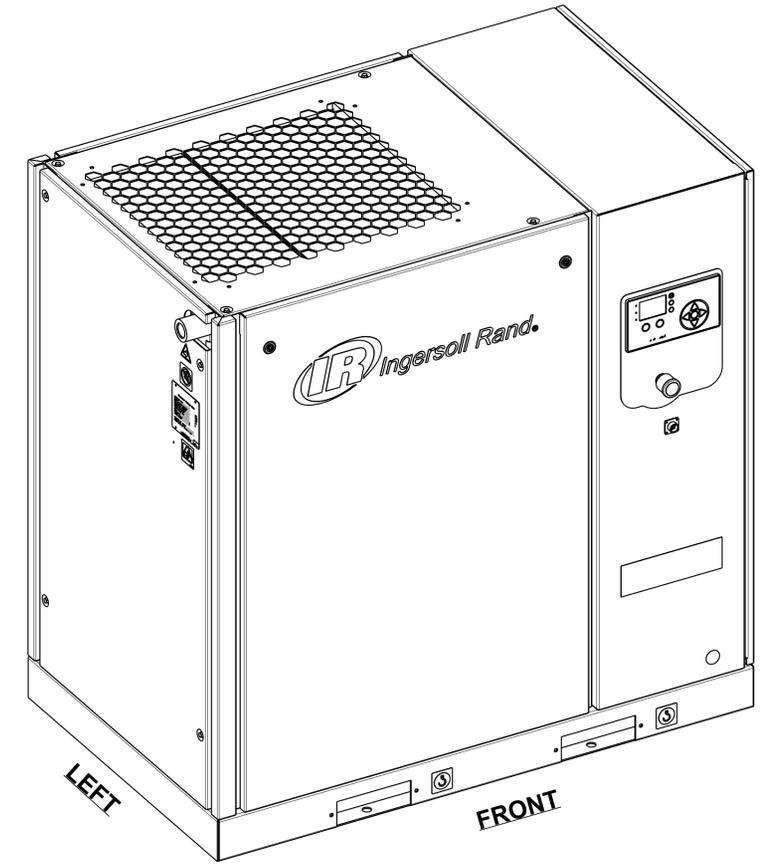
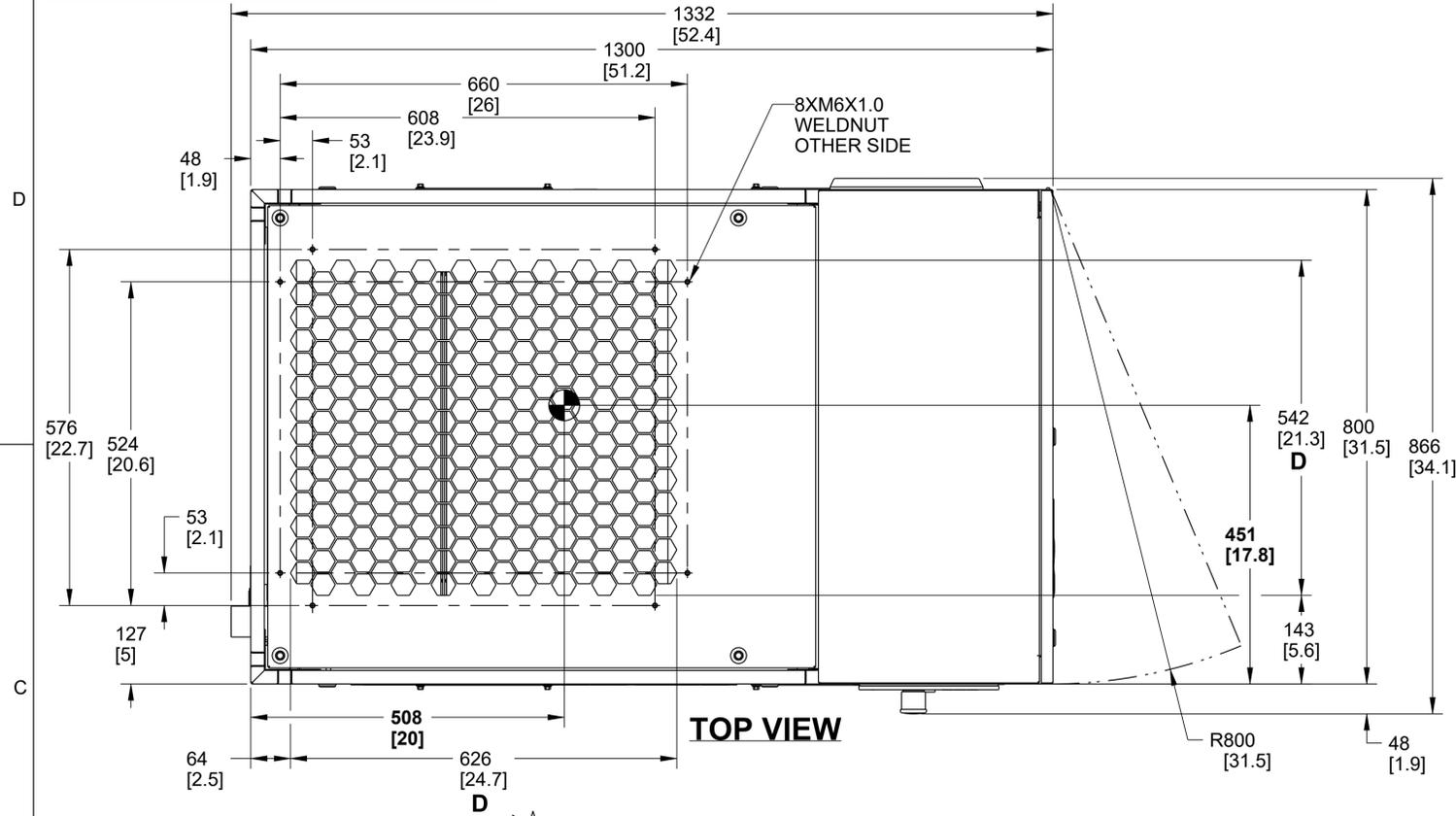


BOTTOM VIEW



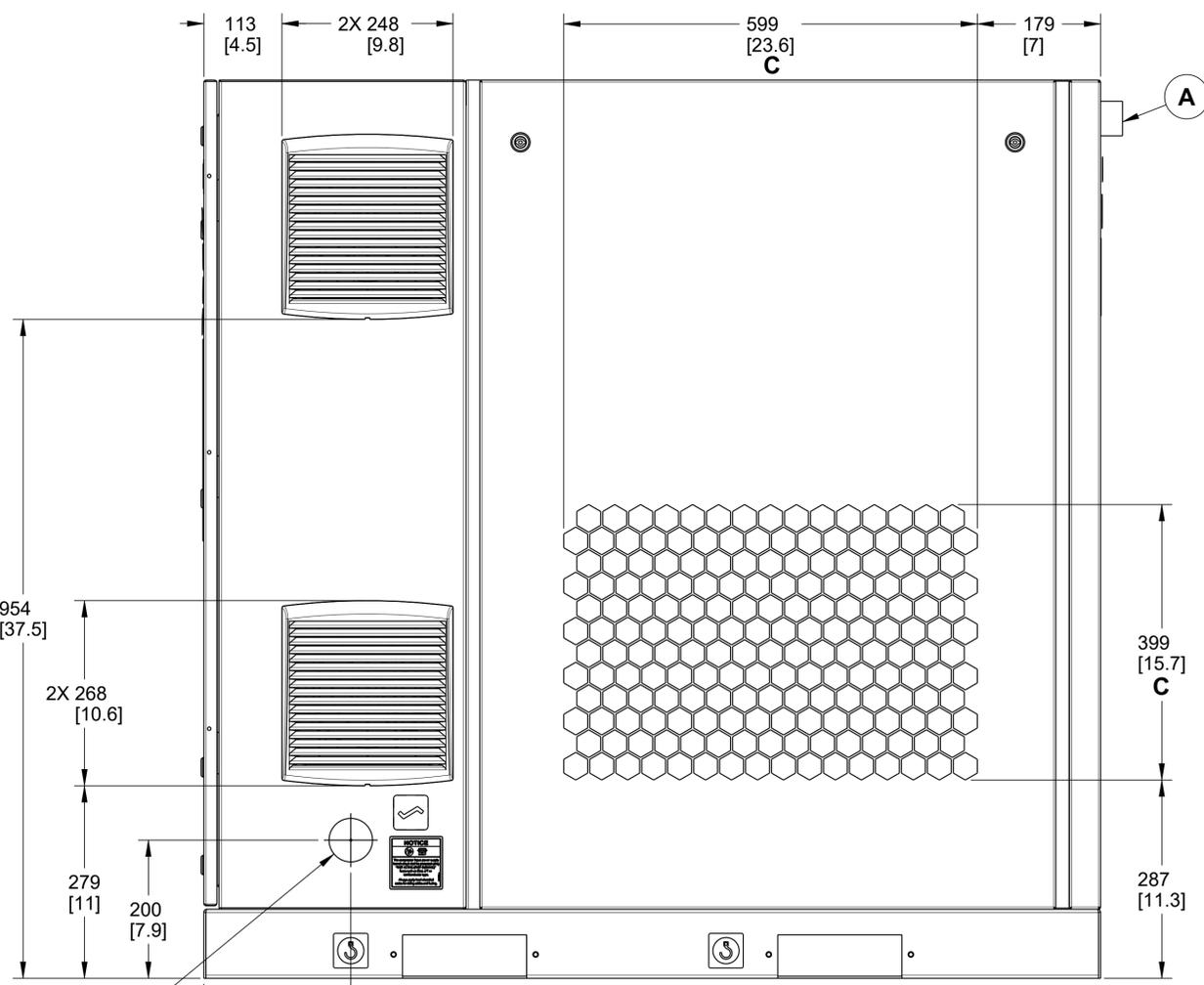
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SIZE A1	DWG NO. 47637548001	REVISION C	
SCALE 0.18	NOMENCLATURE	SHEET 3 OF 10	

OPTION: VSD NON - TAS

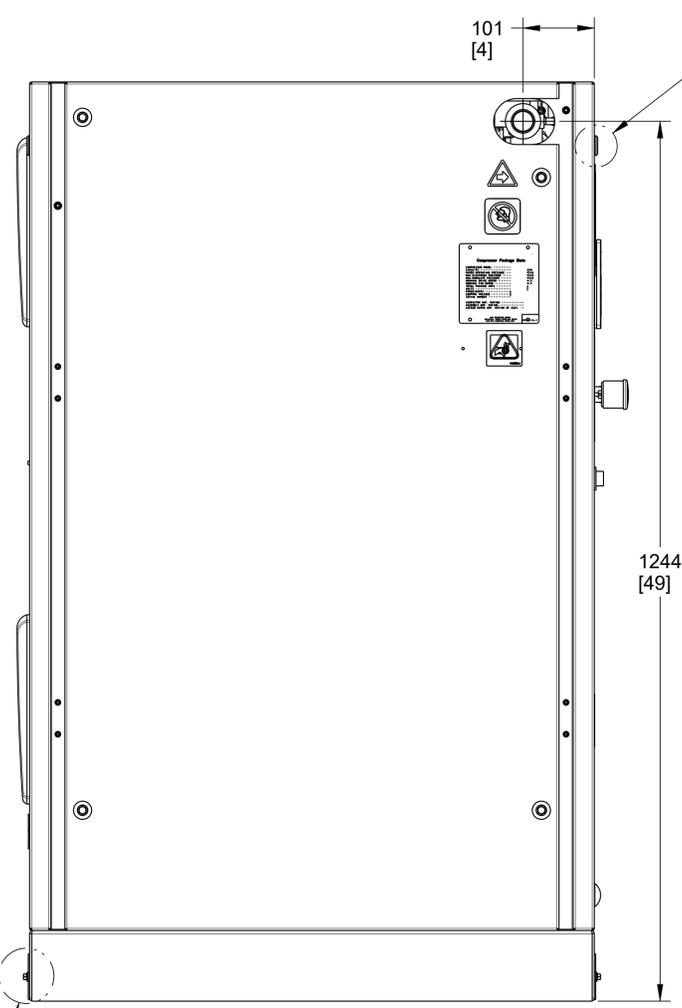


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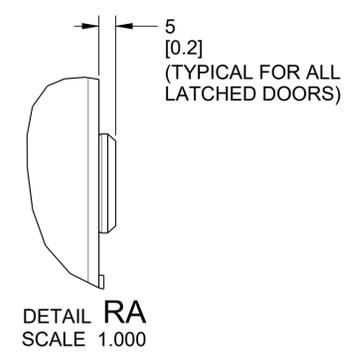
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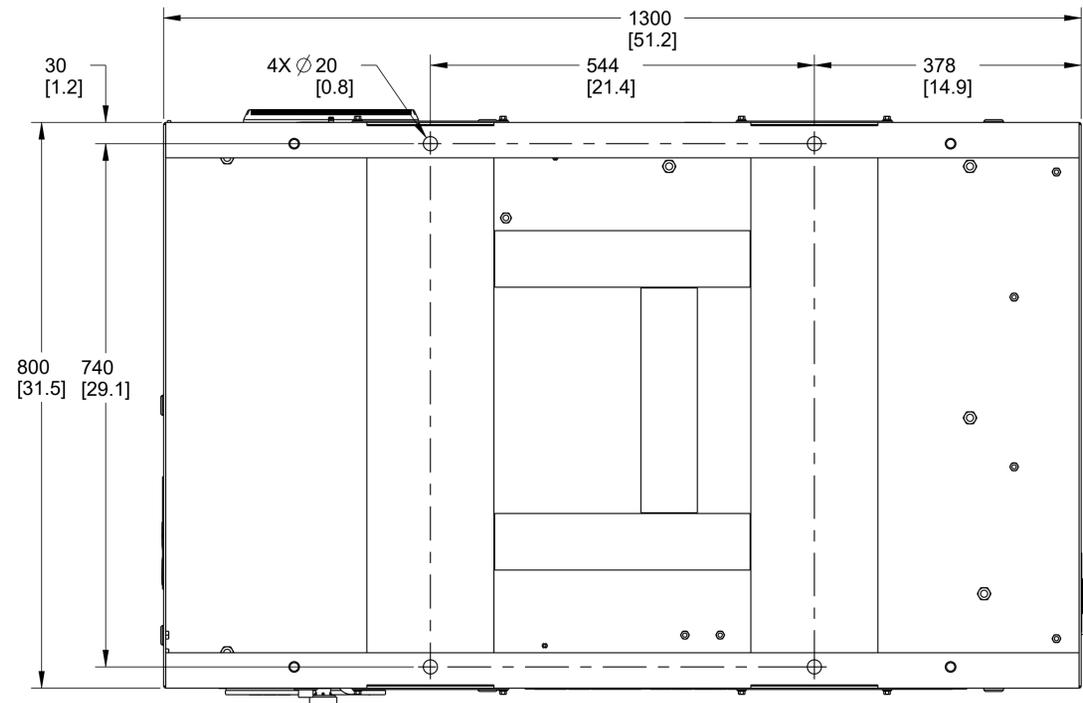
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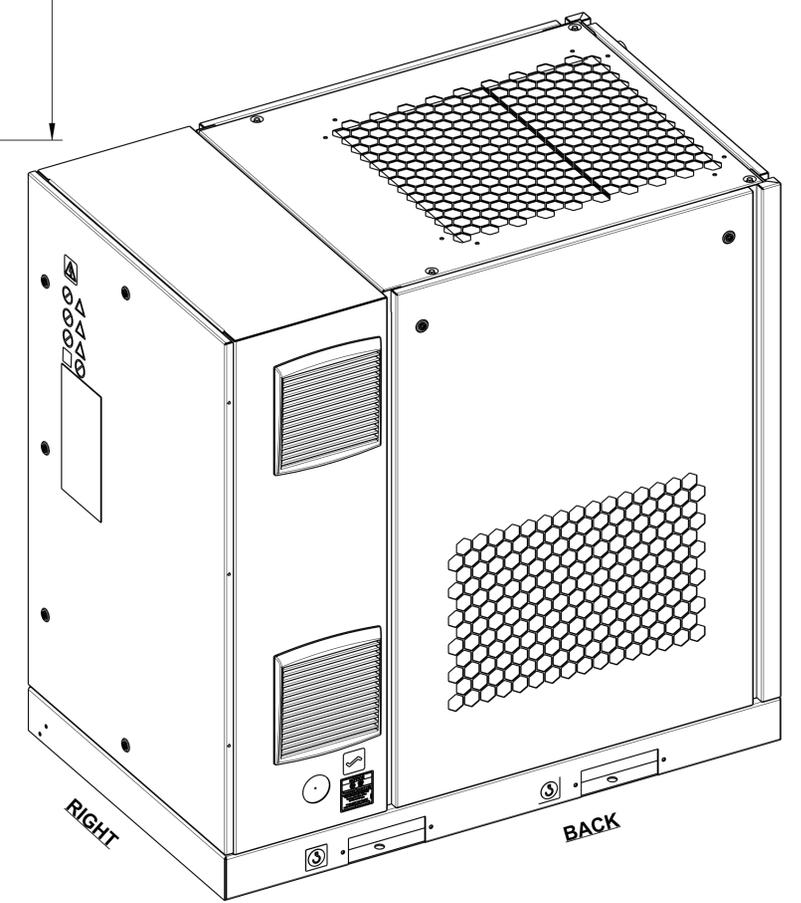
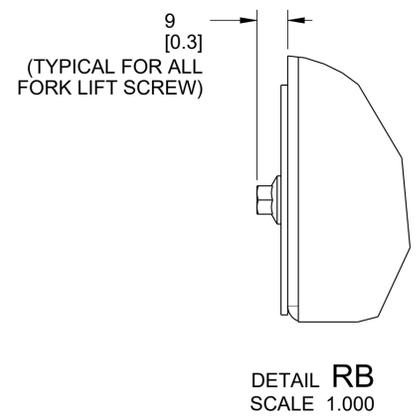
LEFT VIEW



SEE DETAIL RB

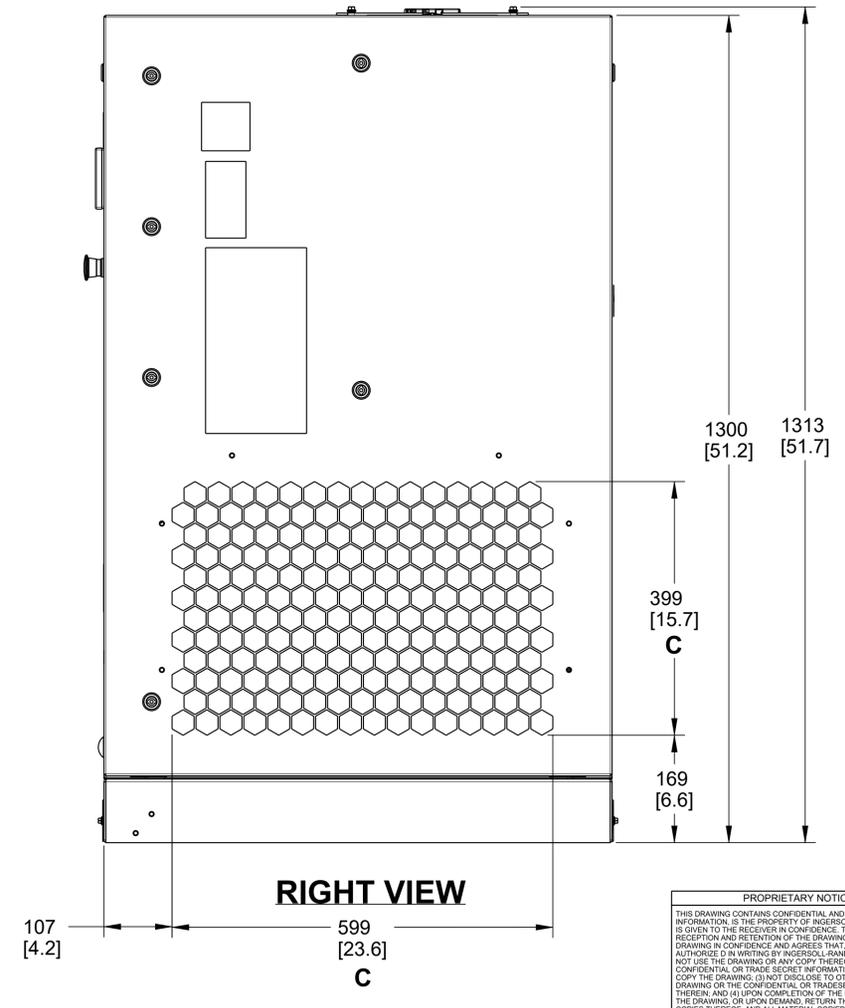
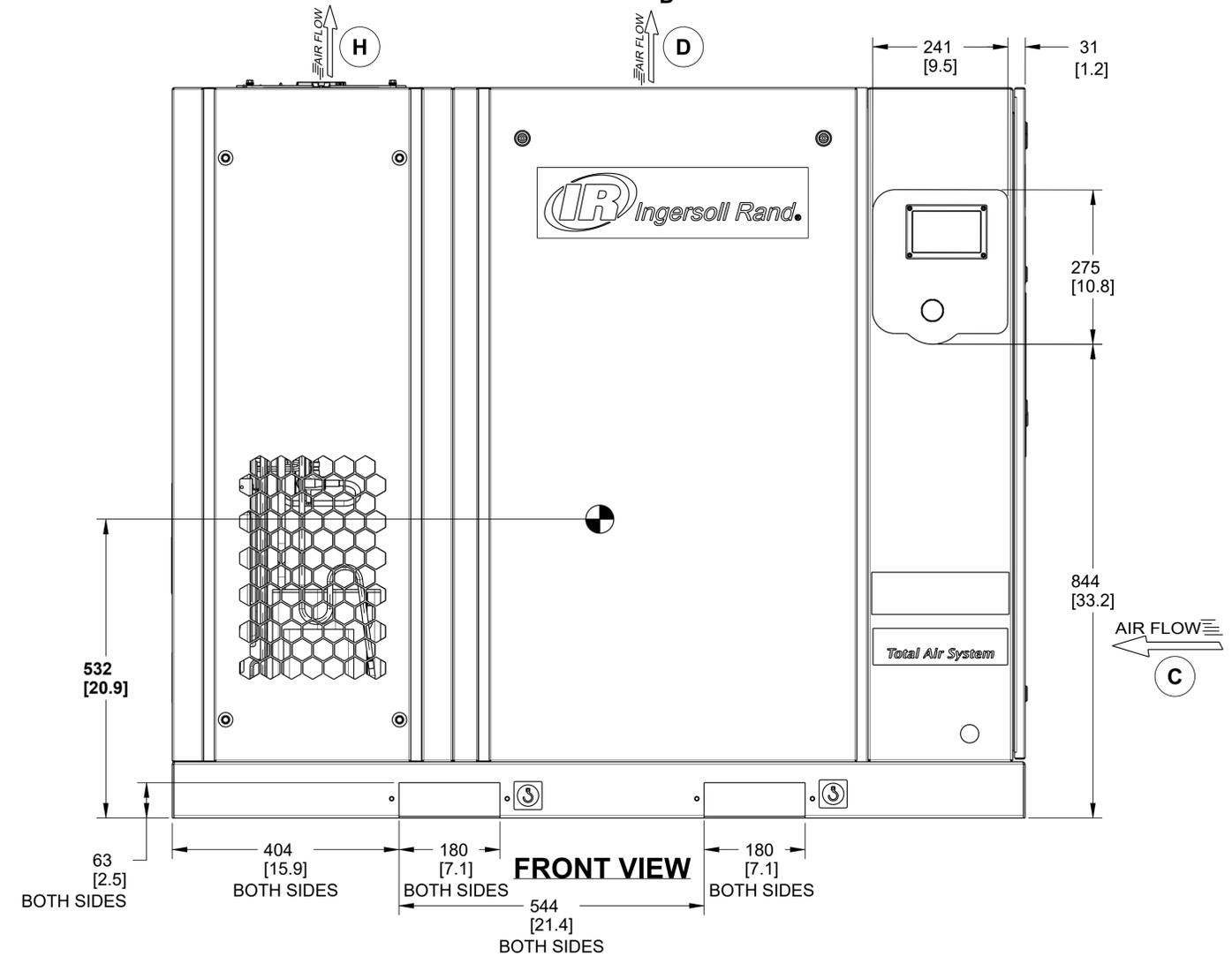
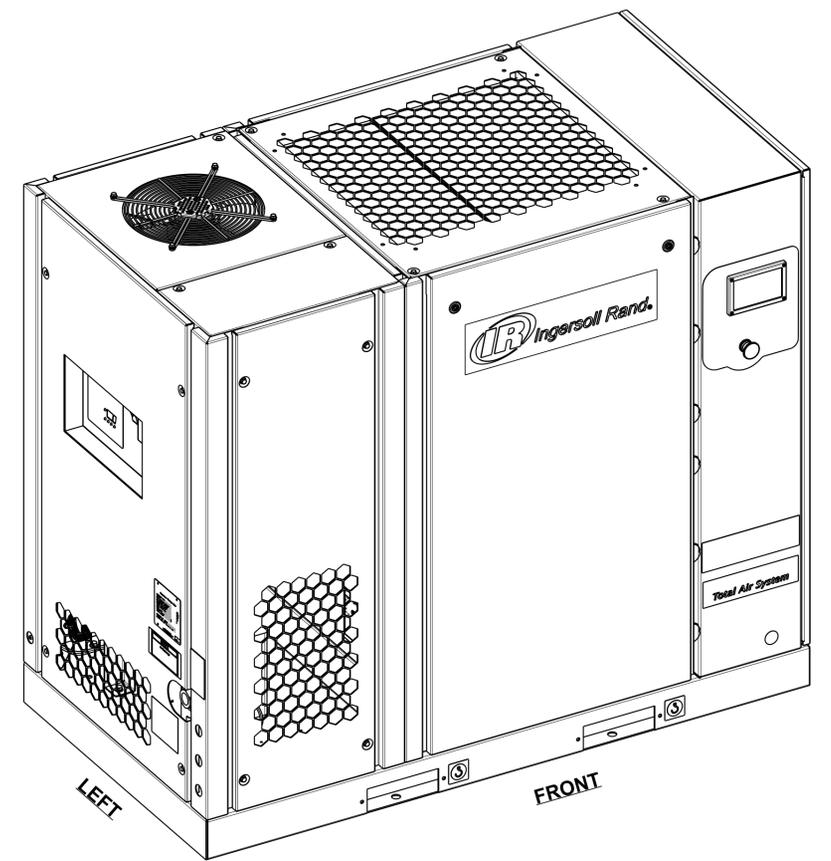
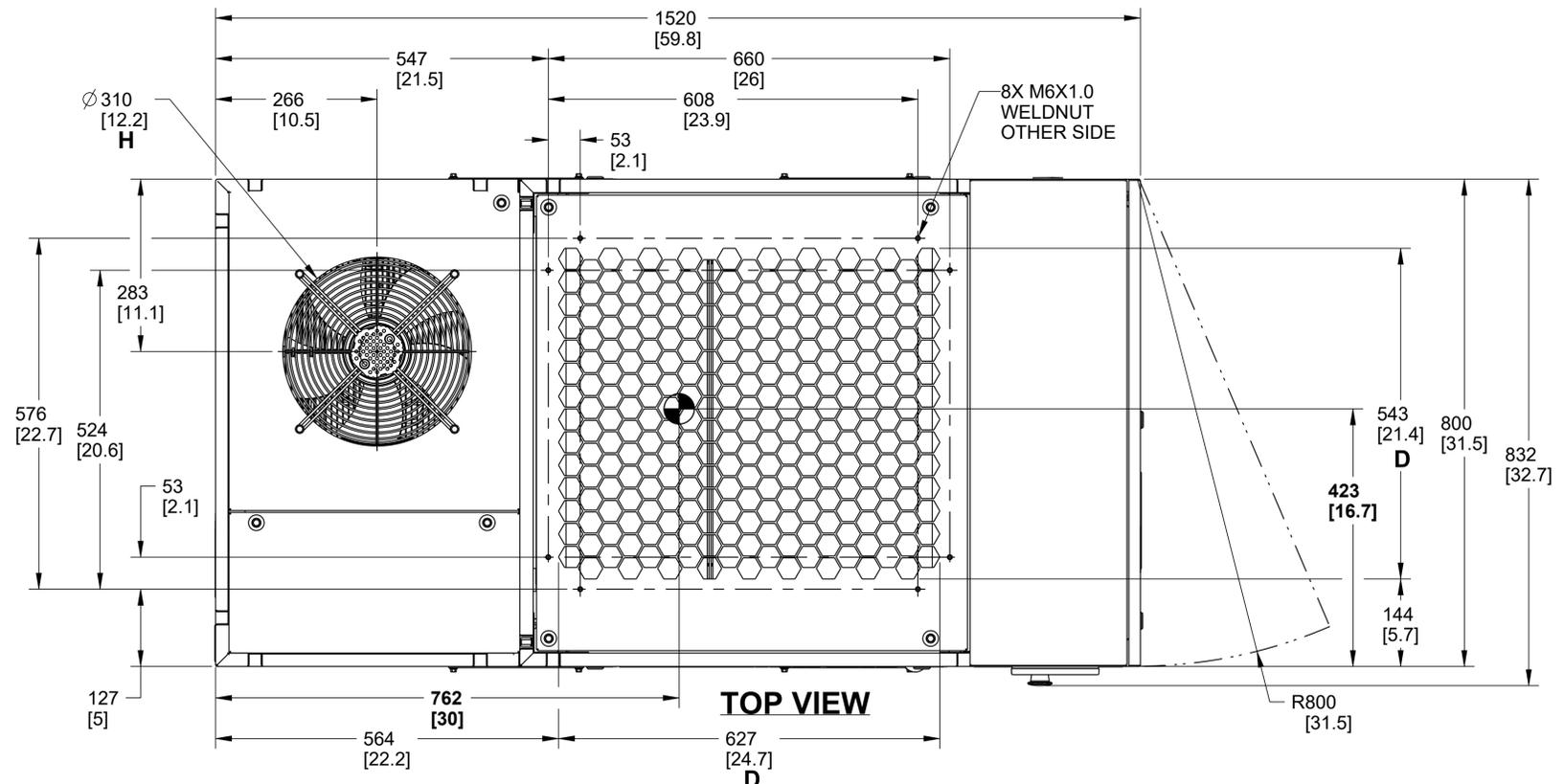


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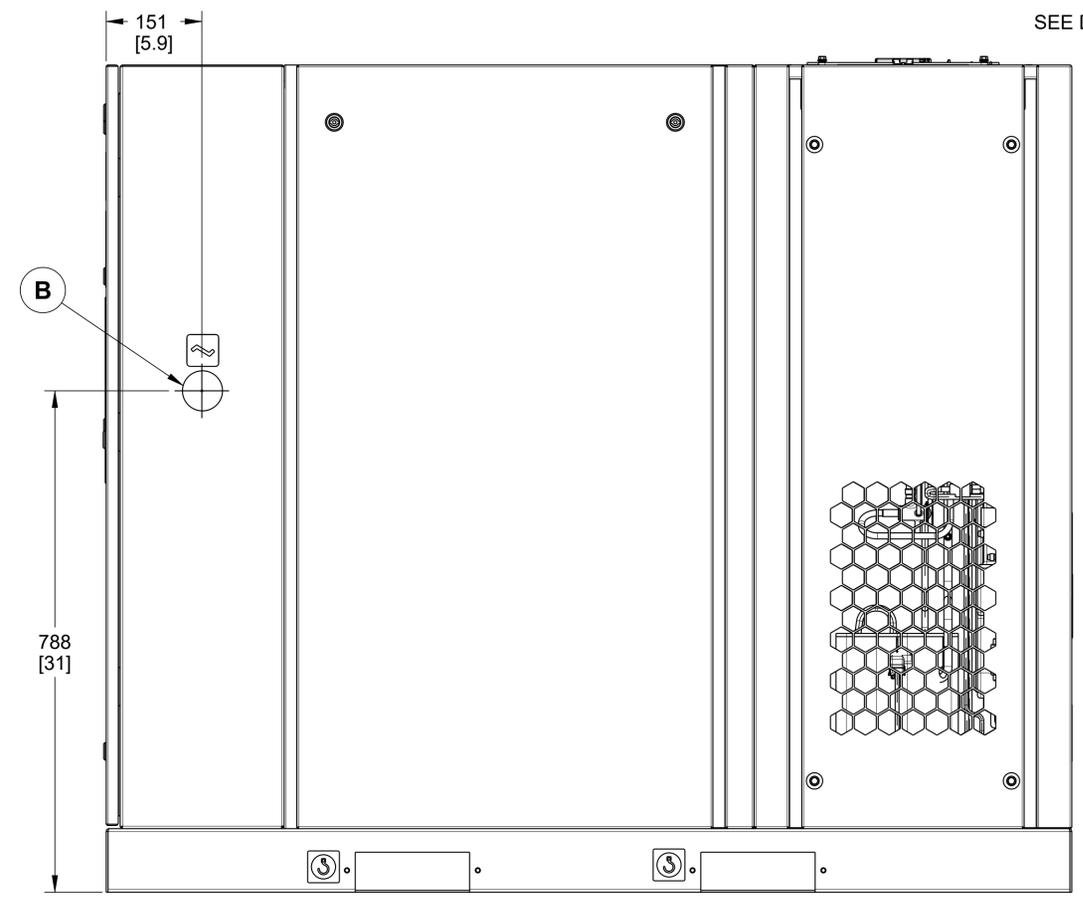
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<small>SIZE</small> A1	<small>DWG NO.</small> 47637548001	<small>REVISION</small> C	
<small>SCALE</small> 0.18	<small>NOMENCLATURE</small>	<small>SHEET</small> 5 OF 10	

OPTION: FS TAS

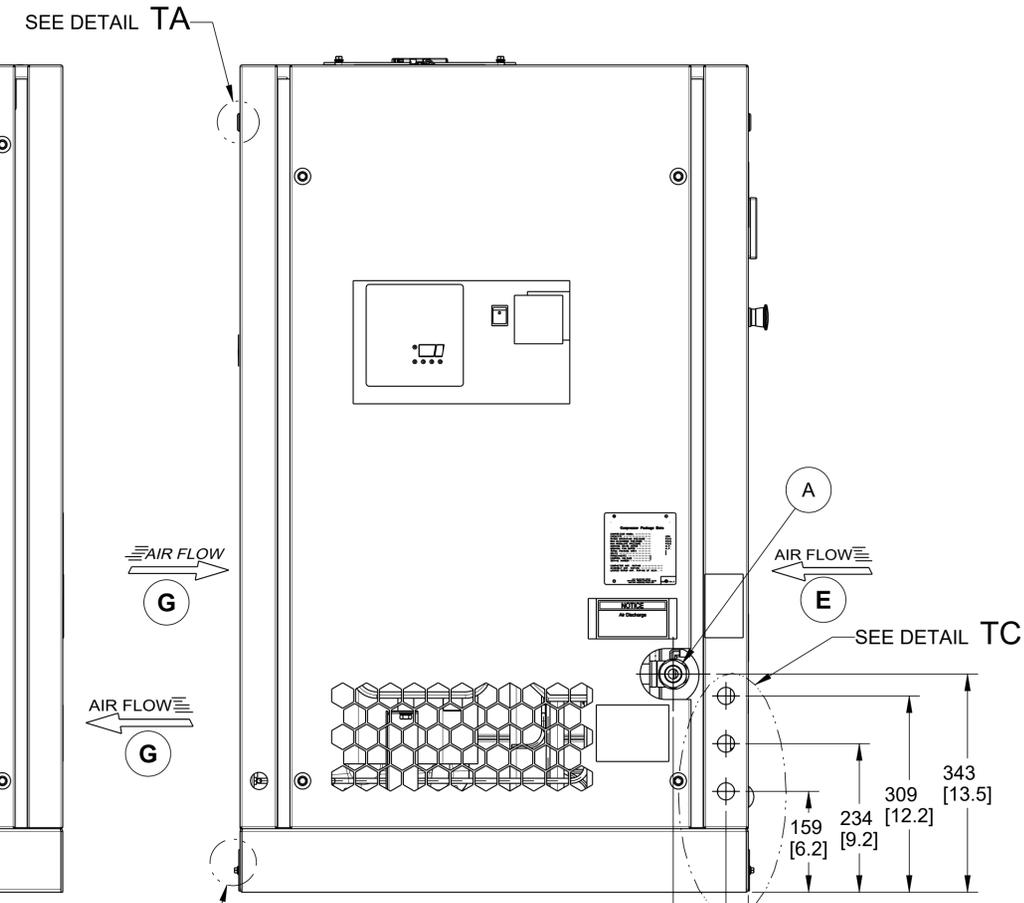


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A1			
PART NO.	47637548001		REVISION C
SCALE	0.18 NOMENCLATURE		SHEET 6 OF 10

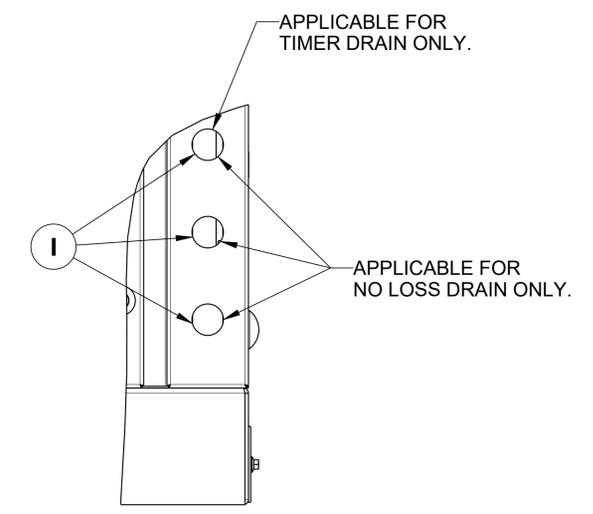
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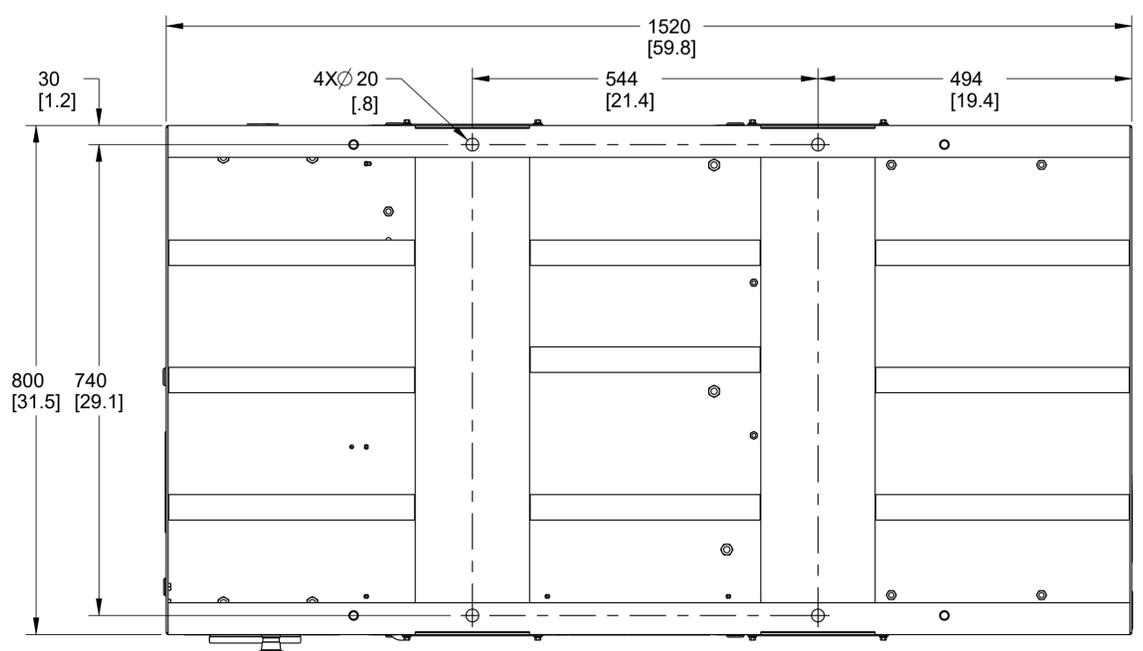
BACK VIEW



LEFT VIEW

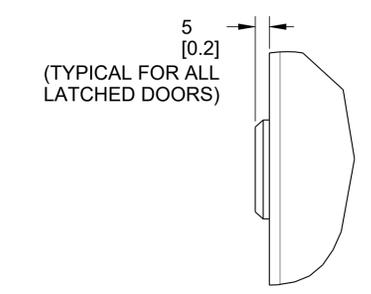


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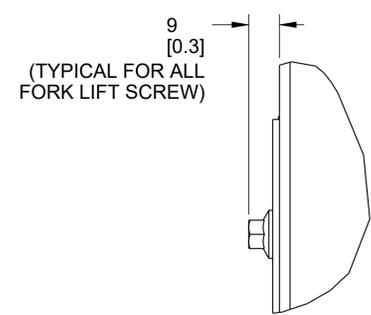


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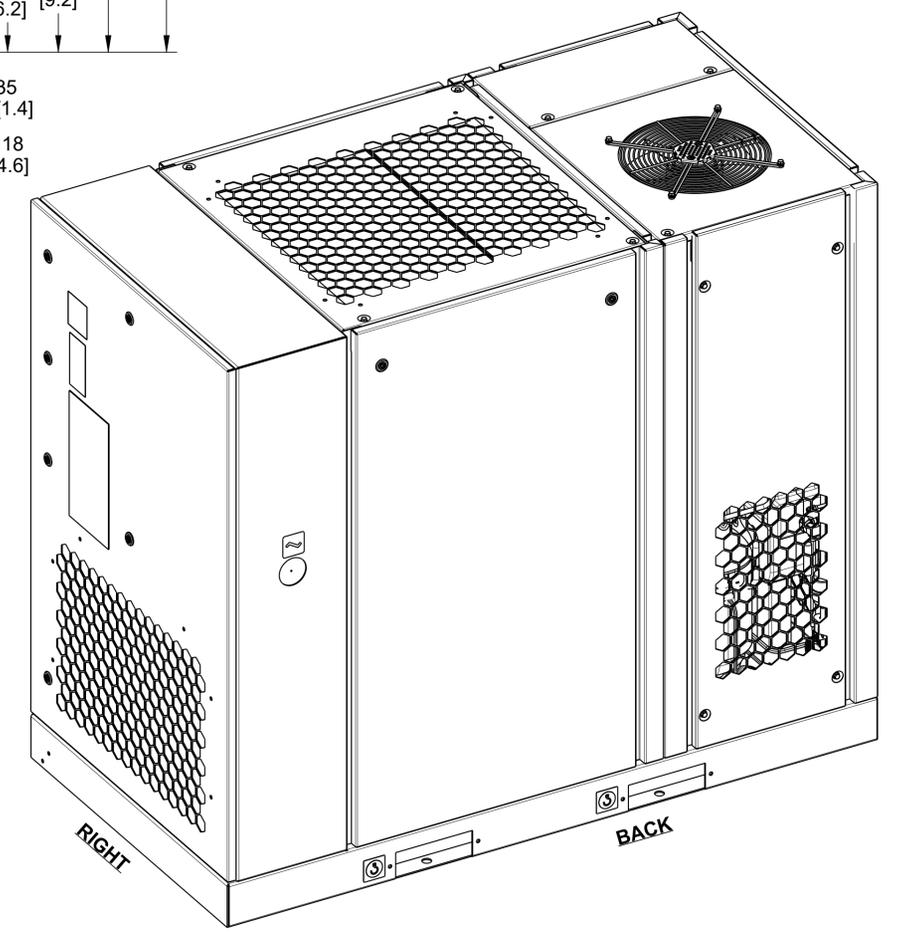
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DETAIL TA
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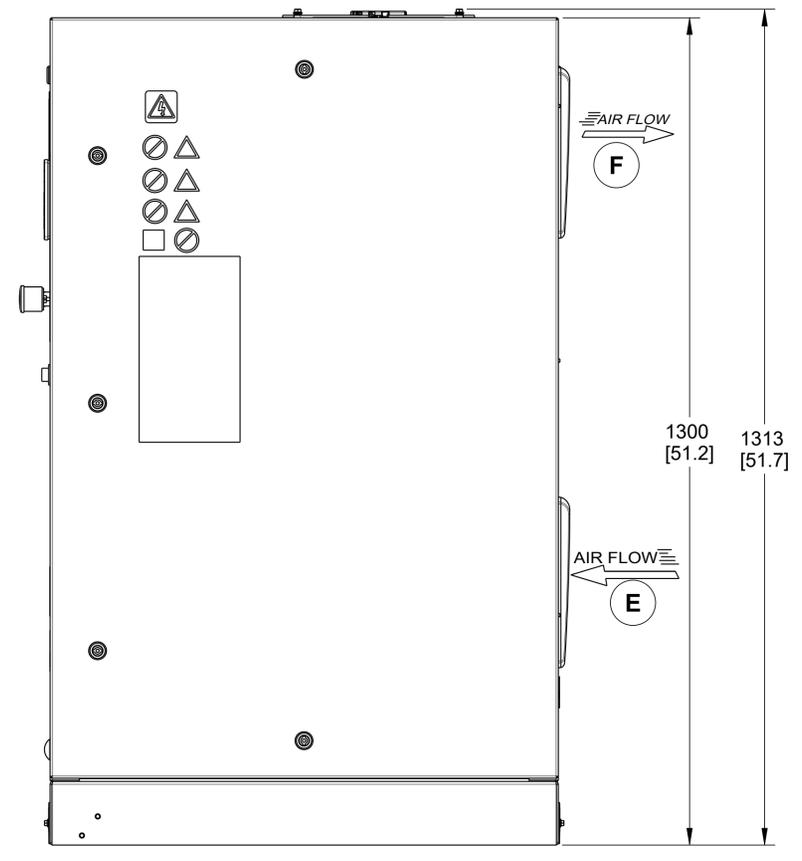
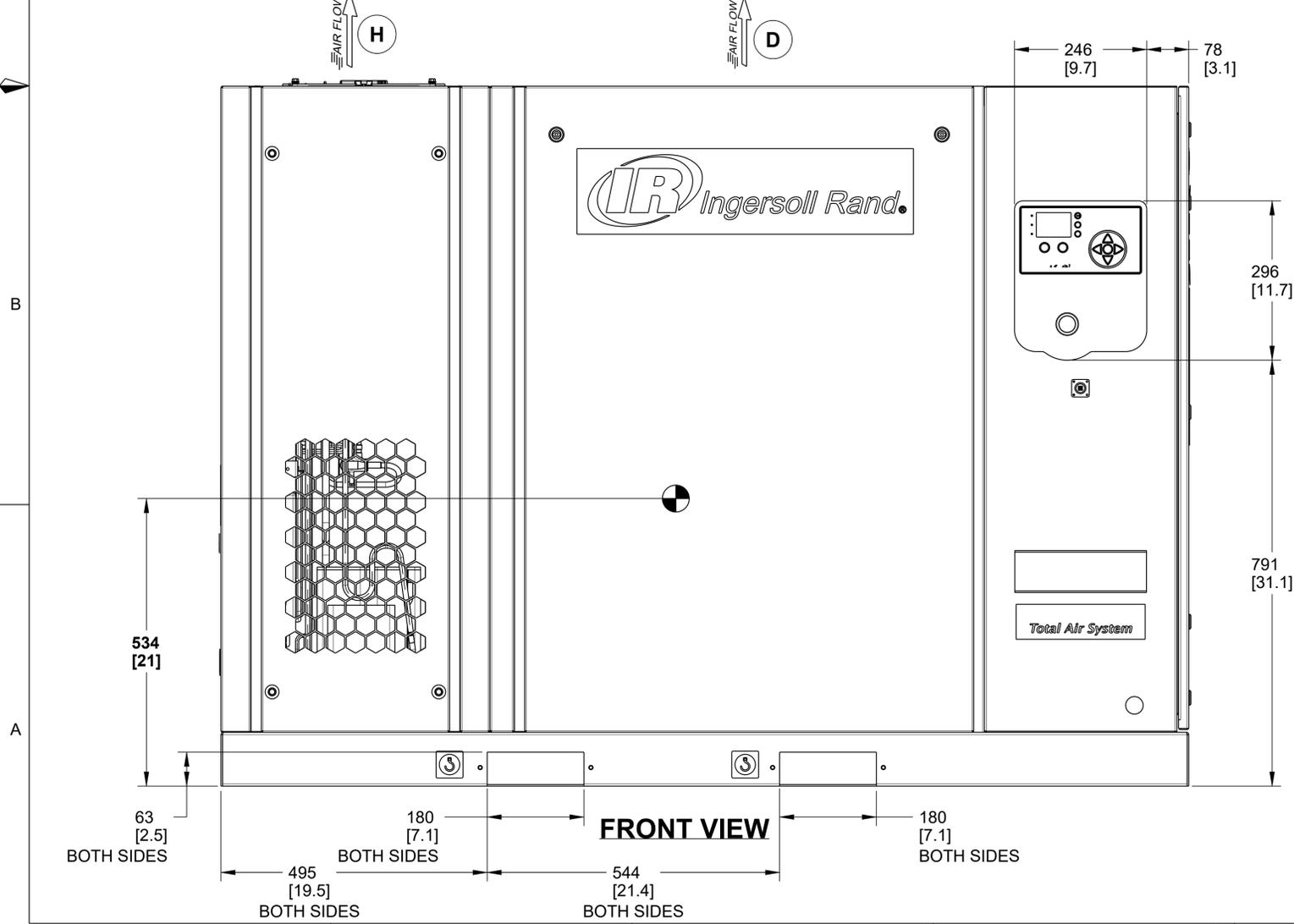
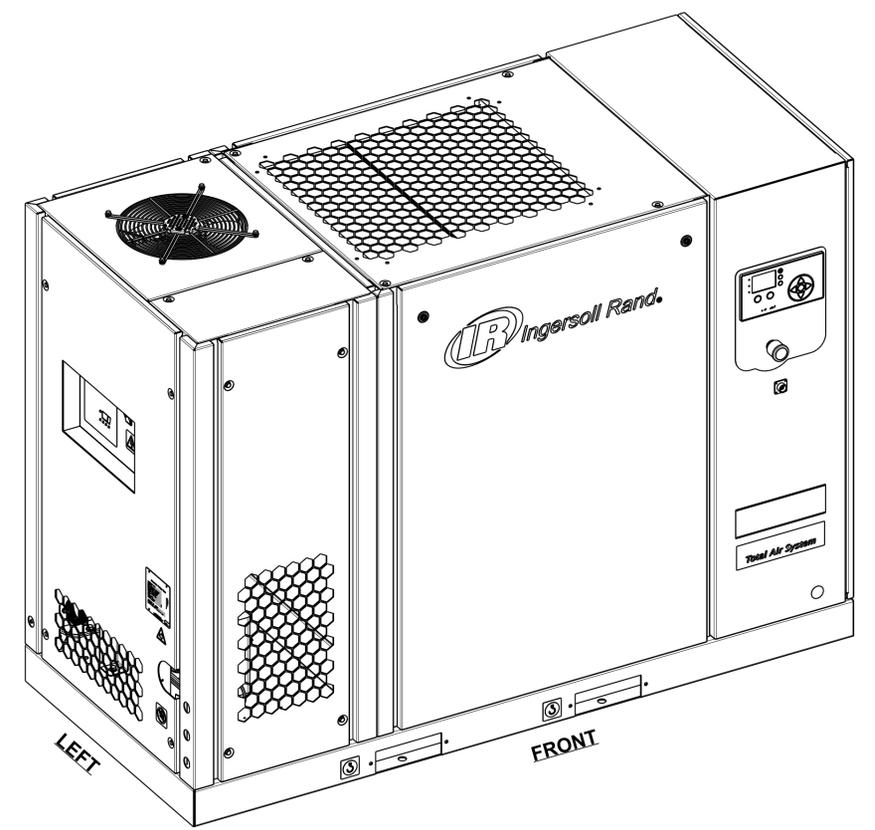
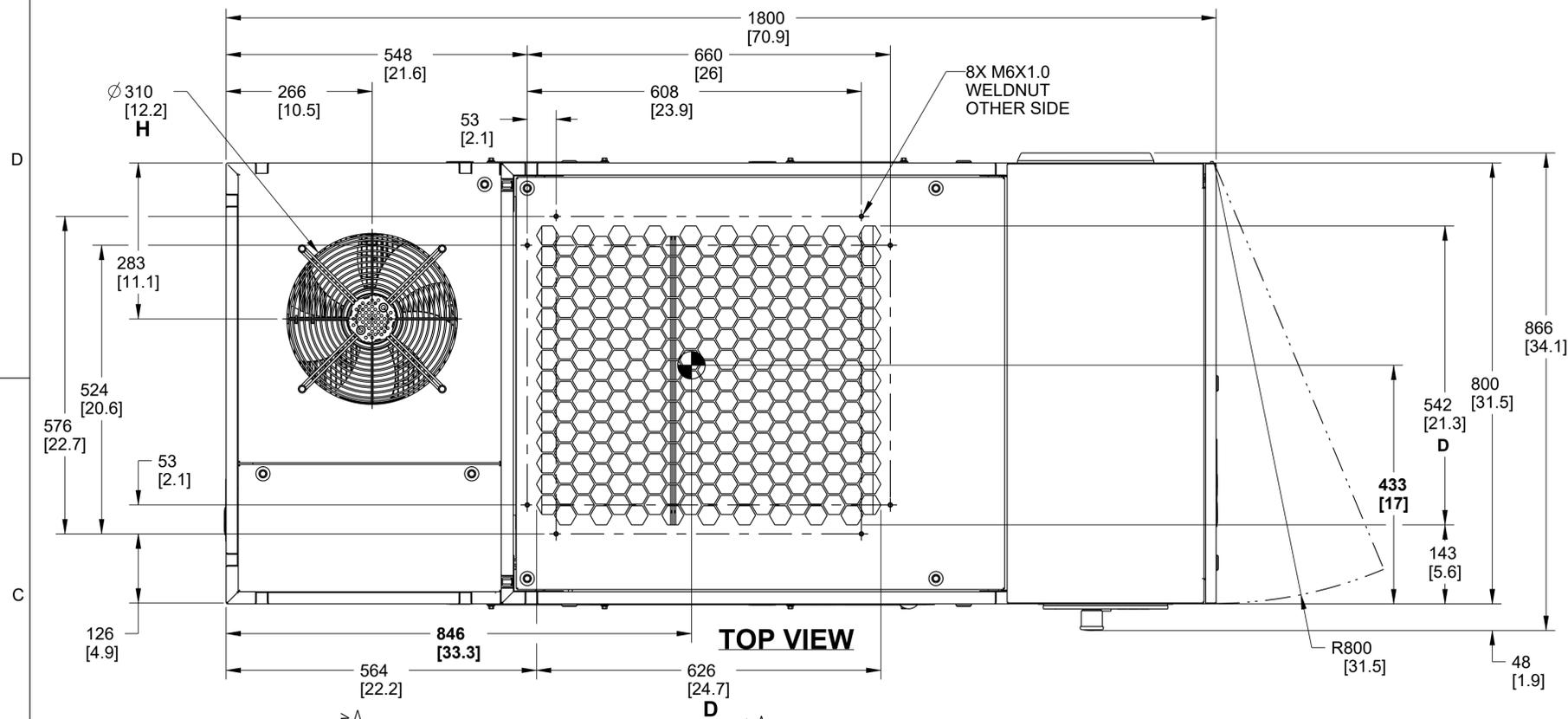


DETAIL TB
SCALE 1.000



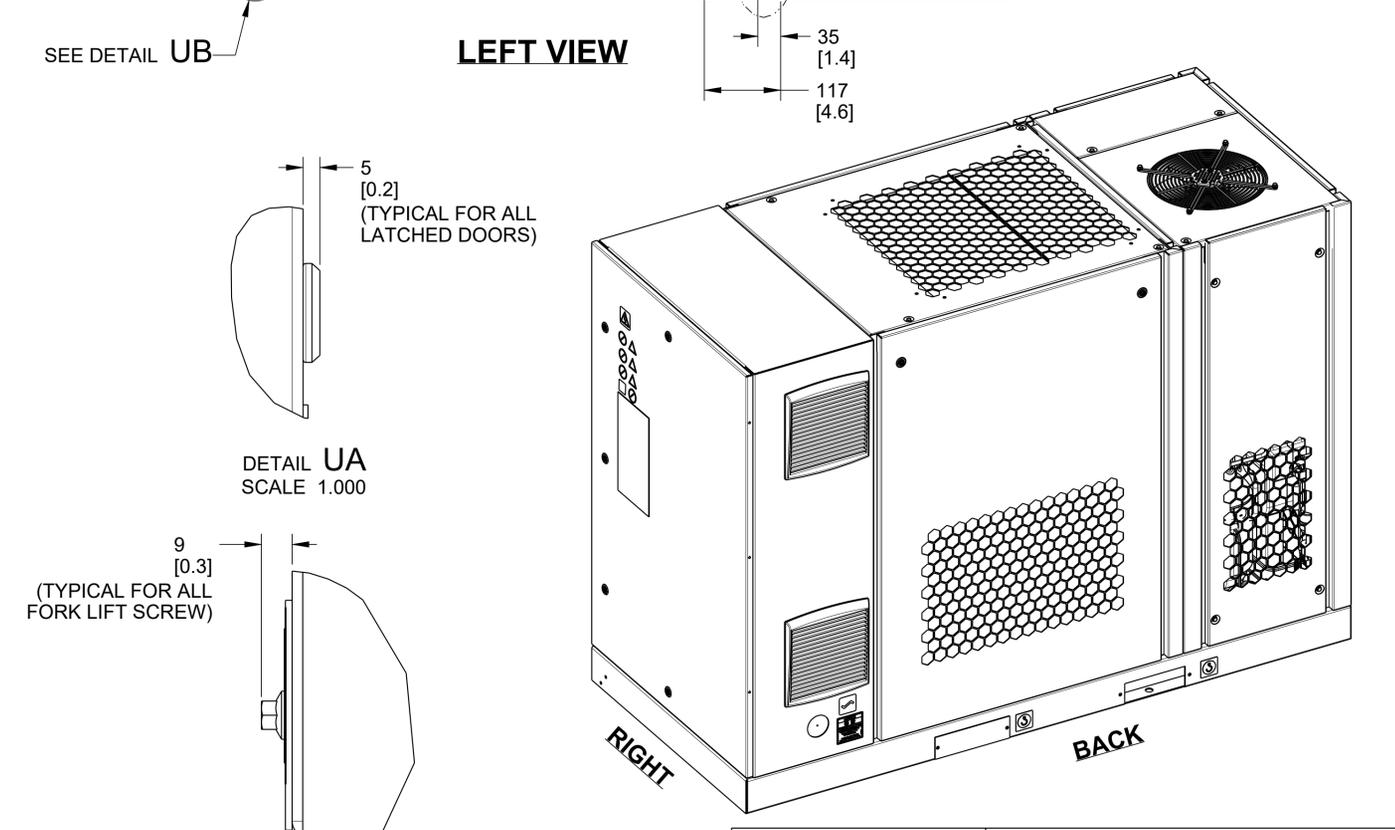
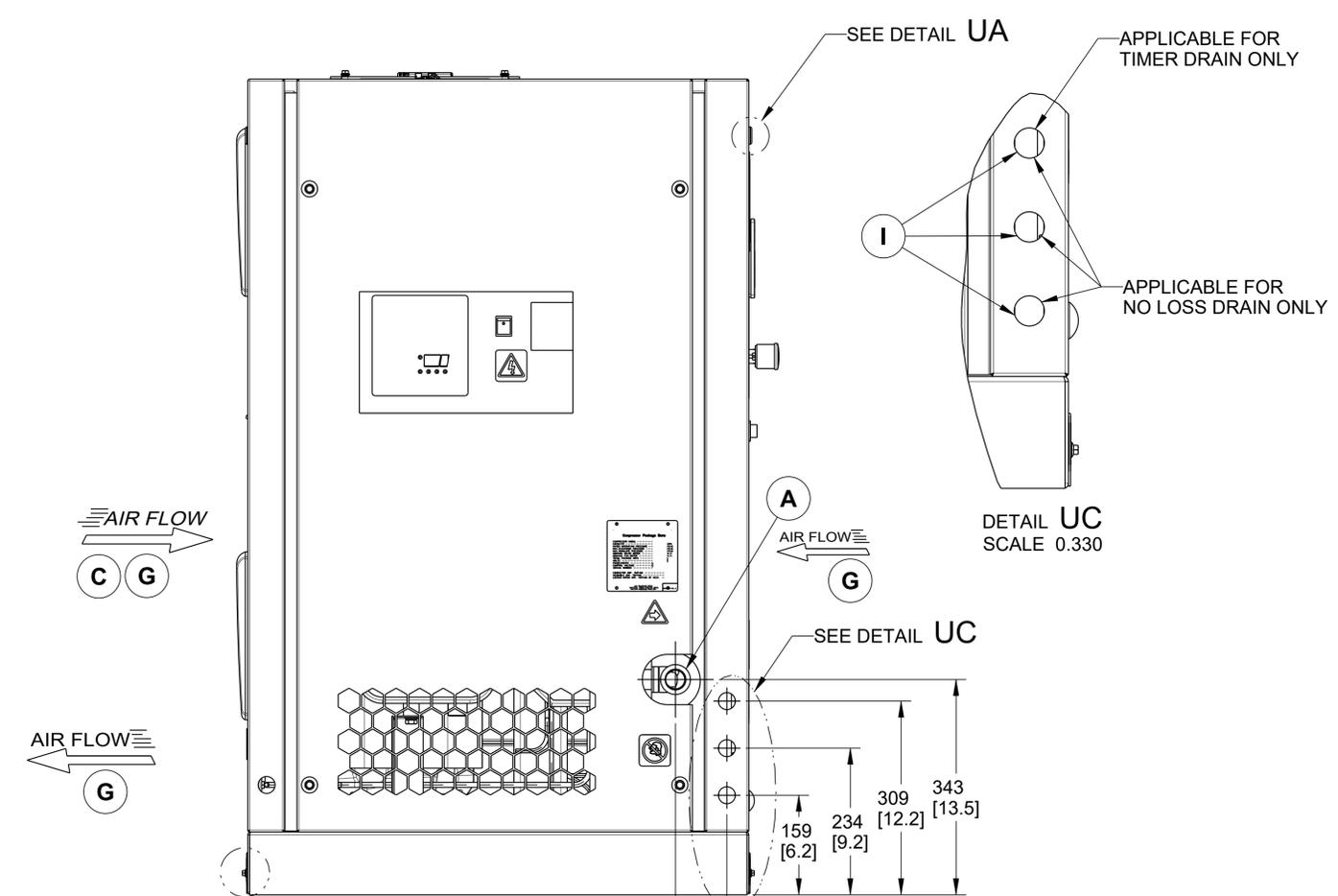
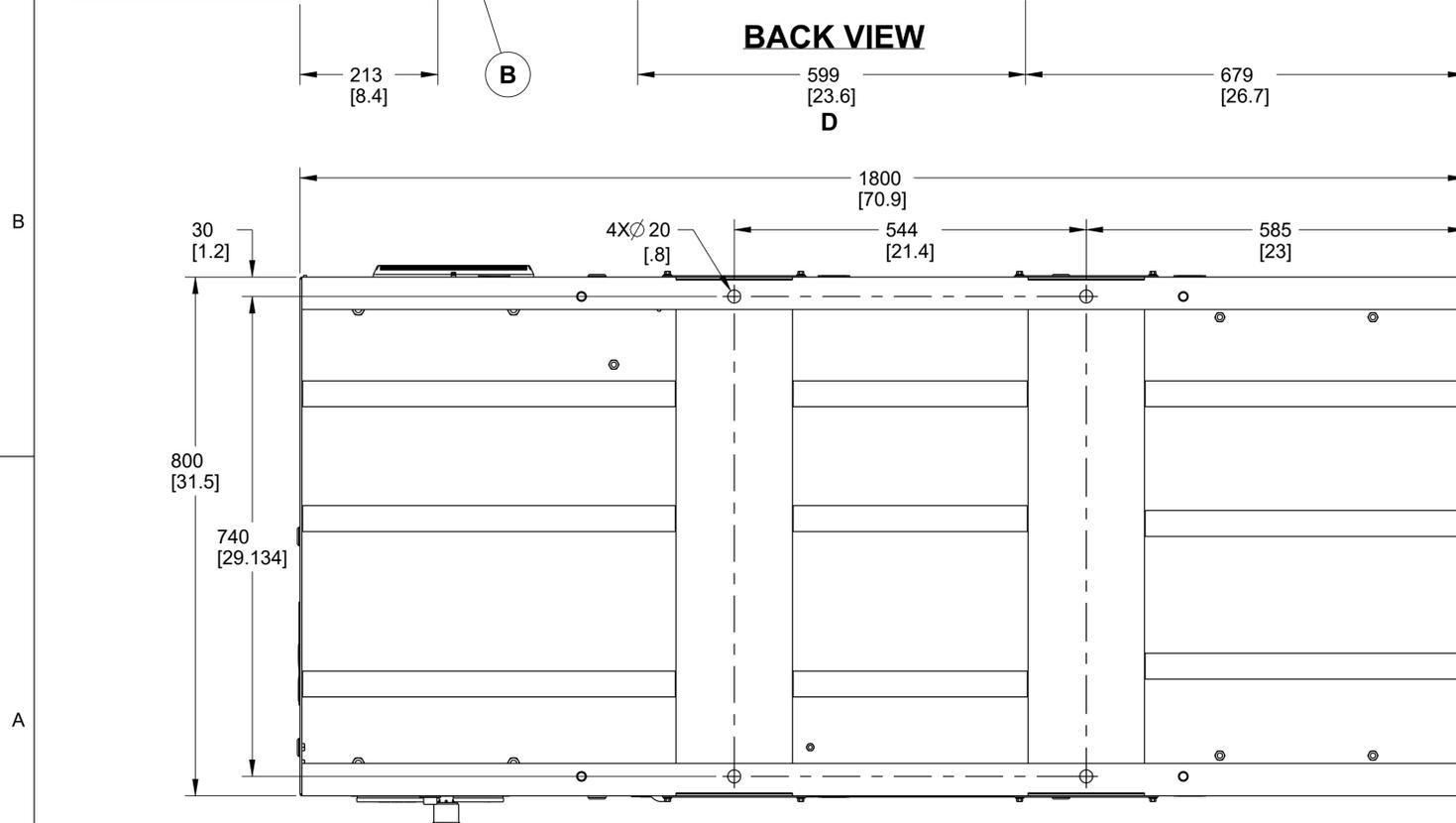
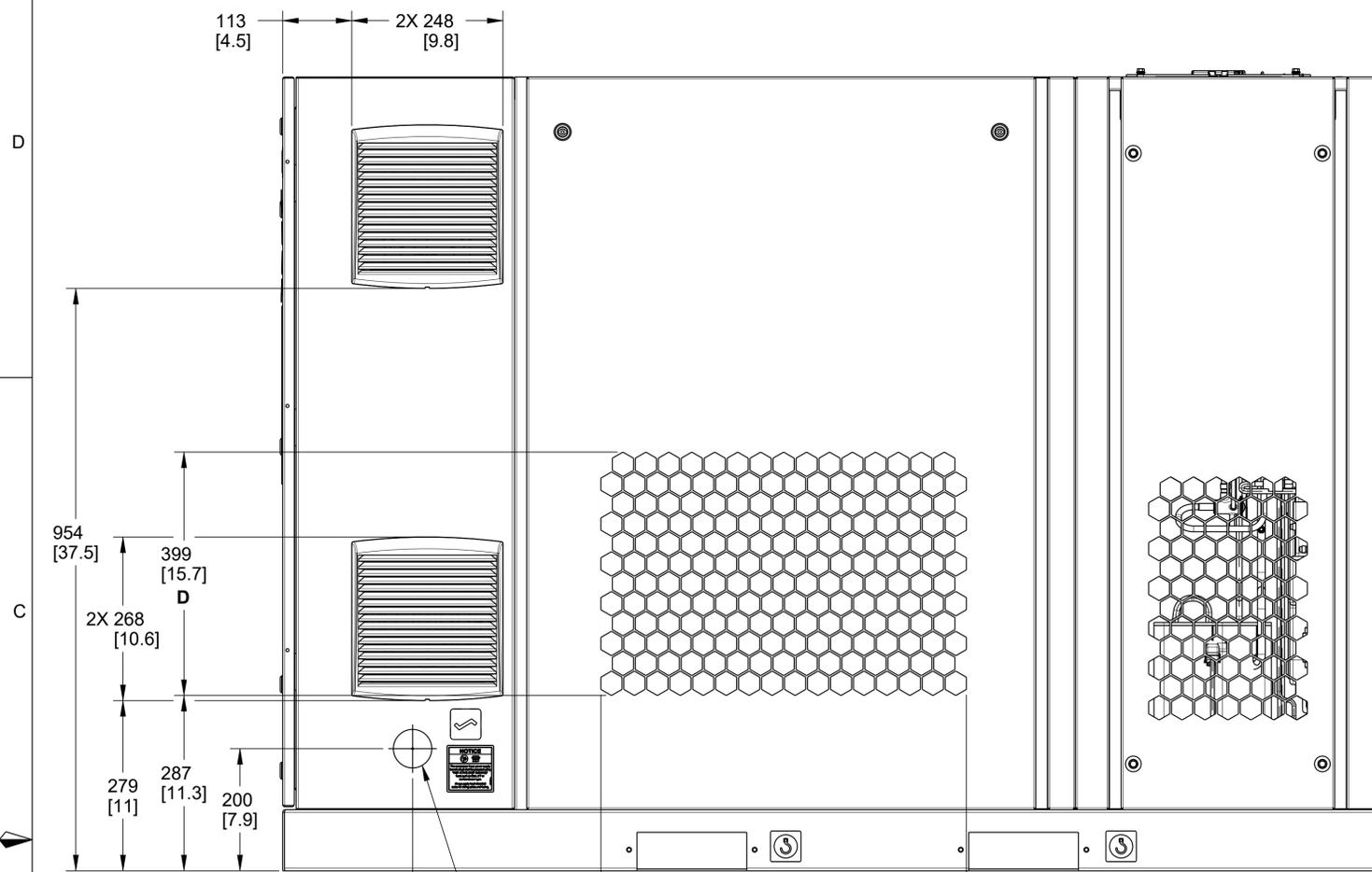
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SIZE	<small>DWG NO.</small>	47637548001	<small>REVISION</small>
A1	47637548001	C	
<small>SCALE</small>	<small>NOMENCLATURE</small>	<small>SHEET</small>	<small>7 OF 10</small>
0.18			

OPTION: VSD TAS



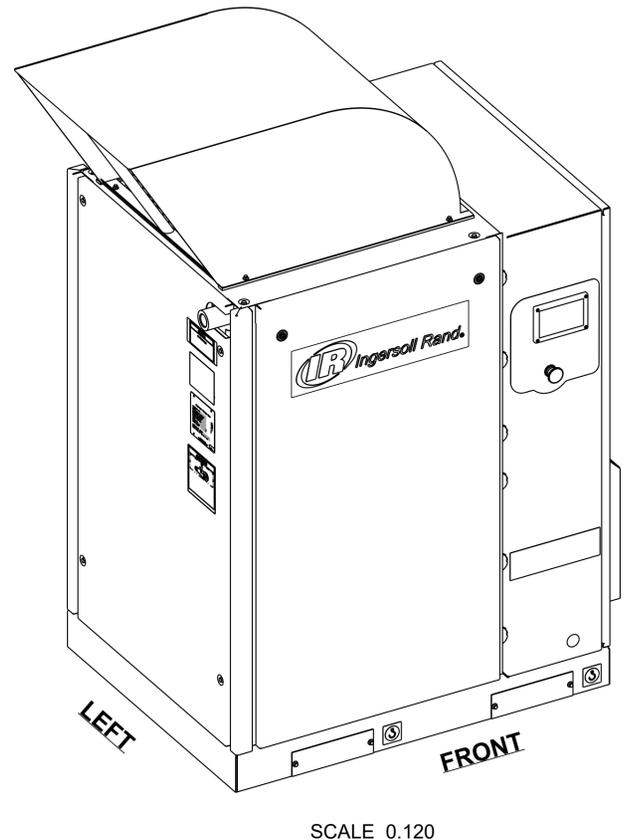
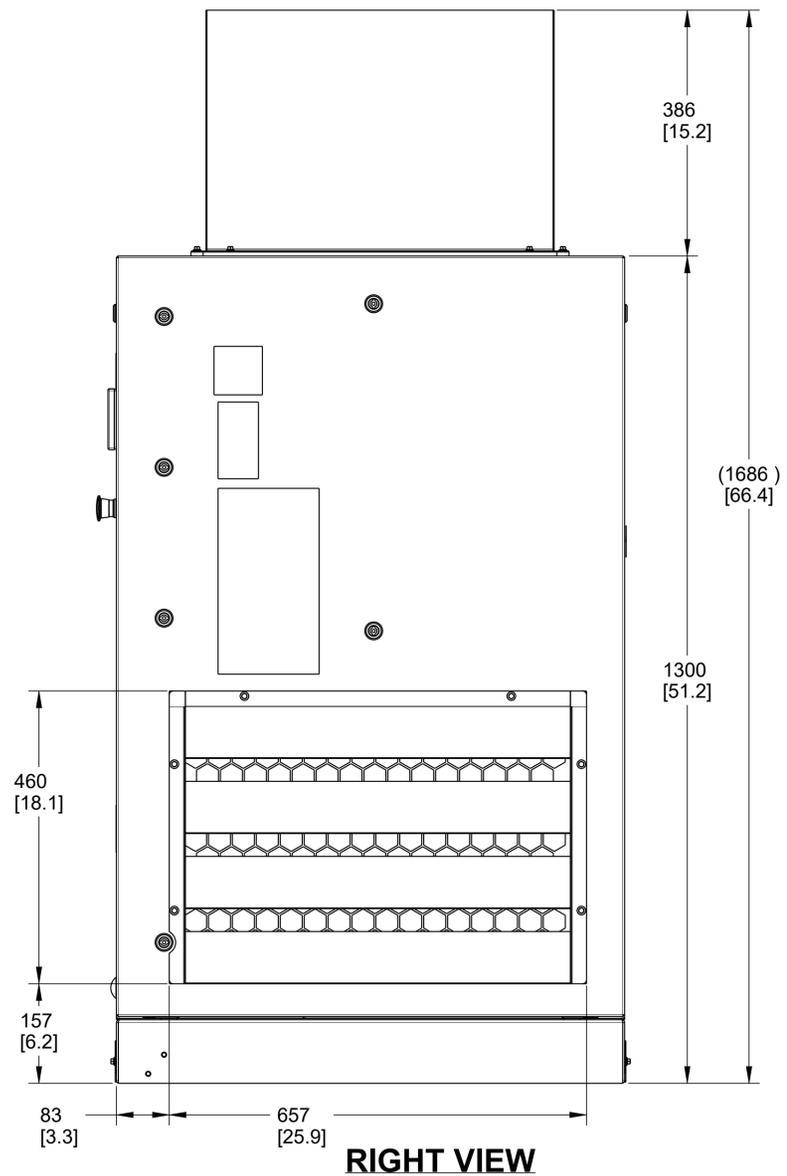
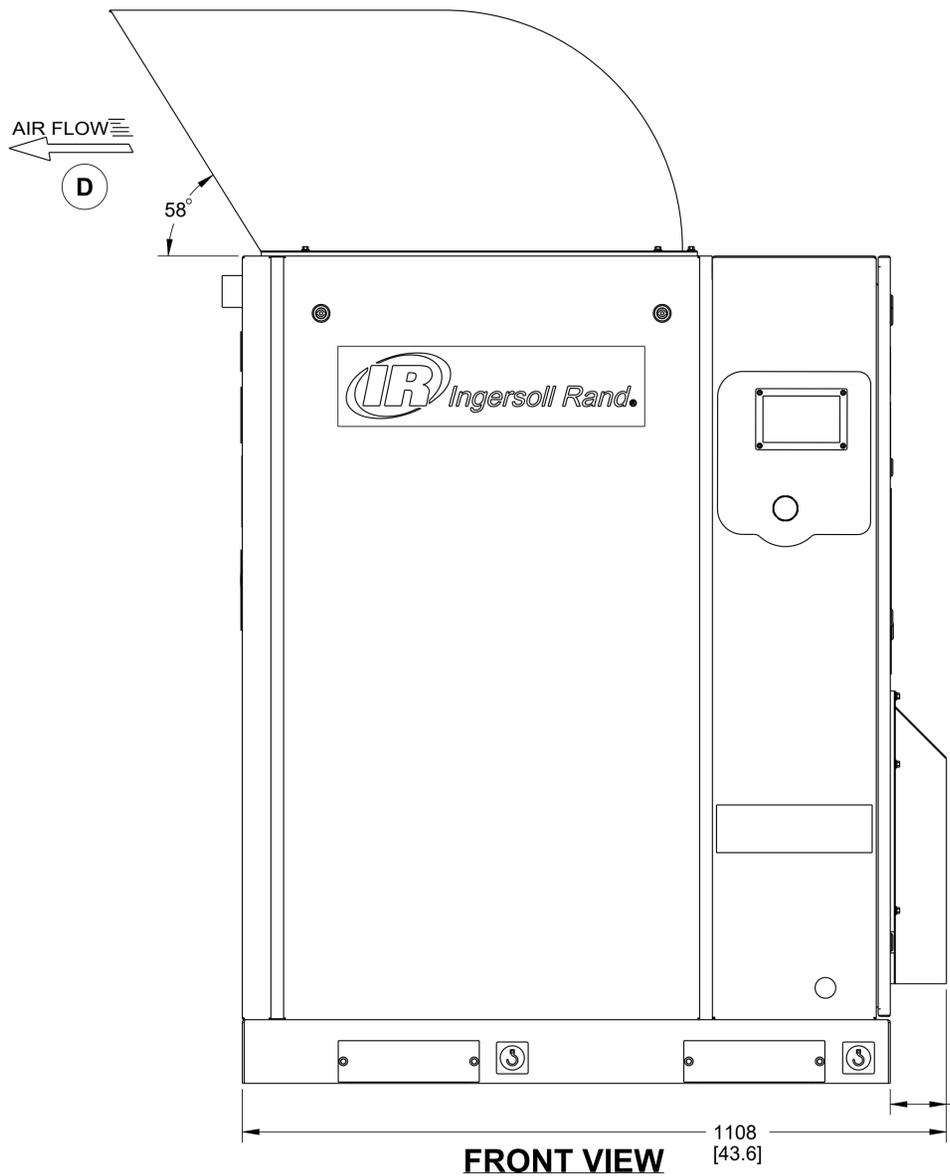
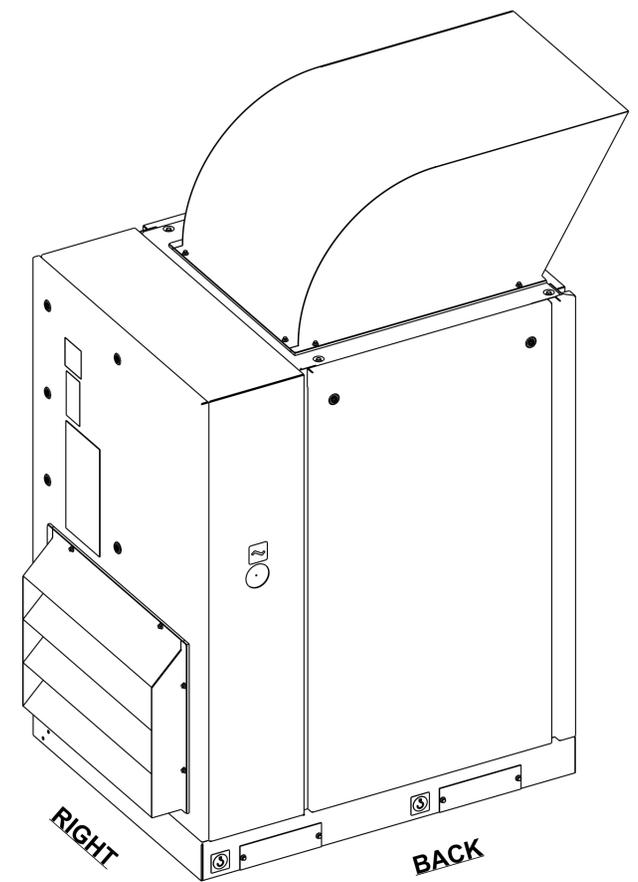
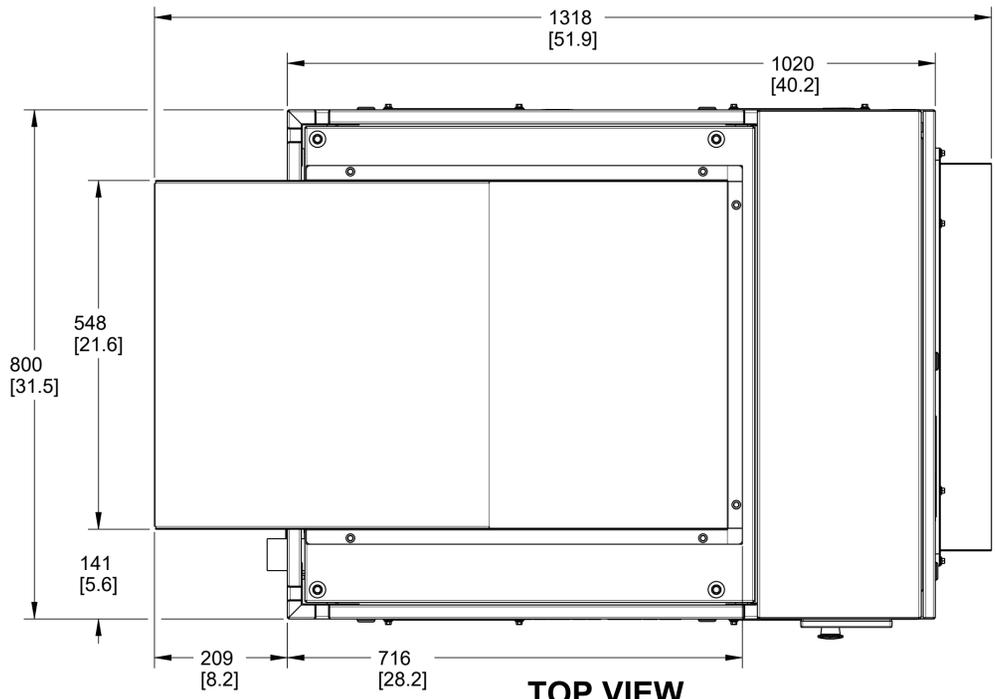
<small>PROPRIETARY NOTICE</small> <small>THIS DRAWING CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION. IS THE PROPERTY OF INGERSOLL-RAND CO. AND IS GIVEN TO THE RECEIVER IN CONFIDENCE. THE RECEIVER BY RECEIPT AND RETENTION OF THIS DRAWING ACCEPTS THE DRAWING IN CONFIDENCE AND AGREES THAT, EXCEPT AS AUTHORIZED IN WRITING BY INGERSOLL-RAND CO. IT WILL (1) NOT USE THE DRAWING OR ANY COPY THEREOF OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; (2) NOT COPY THE DRAWING; (3) NOT DISCLOSE TO OTHERS EITHER THE DRAWING OR THE CONFIDENTIAL OR TRADE SECRET INFORMATION THEREIN; AND (4) UPON COMPLETION OF THE NEED TO RETAIN THE DRAWING OR UPON DEMAND, RETURN THE DRAWING, ALL COPIES THEREOF, AND ALL MATERIAL COPIED THEREFROM.</small>		<small>NAME</small> GENERAL ARRANGEMENT, RS11-221, RS15-22n, BASE MOUNTED	
<small>SIZE</small> A1	<small>DWG NO.</small> 47637548001	<small>REVISION</small> C	
<small>SCALE</small> 0.18	<small>NOMENCLATURE</small>	<small>SHEET</small> 8 OF 10	

OPTION: VSD TAS



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SIZE A1	DWG NO. 47637548001	REVISION C	
SCALE 0.18	NOMENCLATURE	SHEET 9 OF 10	

OPTION: OUTDOOR MODIFICATION (OPTION IS ONLY AVAILABLE FOR FS NON - TAS UNITS)



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<small>SCALE</small> 0.18	<small>NOMENCLATURE</small>	<small>SHEET</small> 10 OF 10	