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NOTES:
1.

WEIGHT (APPROXIMATE)				
MODEL NAME	120 GALLON	240 GALLON	500 LITRE	750 LITRE
RS11i	676 KG (1490 LBS)	810 KG (1785 LBS)	734 KG (1619 LBS)	775 KG (1709 LBS)
RS15i	668 KG (1473 LBS)	802 KG (1768 LBS)	750 KG (1653 LBS)	790 KG (1742 LBS)
RS18i	663 KG (1463 LBS)	797 KG (1758 LBS)	782 KG (1725 LBS)	822 KG (1813 LBS)
RS22i	702 KG (1549 LBS)	836 KG (1844 LBS)	804 KG (1773 LBS)	845 KG (1863 LBS)
RS15n	NA	NA	875 KG (1928 LBS)	915 KG (2018 LBS)
RS18n	NA	NA	890 KG (1963 LBS)	931 KG (2053 LBS)
RS22n	NA	NA	907 KG (1999 LBS)	948 KG (2089 LBS)
RS11i TAS	825 KG (1818 LBS)	959 KG (2113 LBS)	883 KG (1948 LBS)	924 KG (2037 LBS)
RS15i TAS	817 KG (1802 LBS)	951 KG (2097 LBS)	899 KG (1981 LBS)	939 KG (2071 LBS)
RS18i TAS	812 KG (1791 LBS)	946 KG (2086 LBS)	931 KG (2053 LBS)	971 KG (2141 LBS)
RS22i TAS	856 KG (1888 LBS)	990 LG (2113 LBS)	958 KG (2113 LBS)	999 KG (2203 LBS)
RS15n TAS	NA	NA	1024 KG (2257 LBS)	1064 KG (2346 LBS)
RS18n TAS	NA	NA	1039 KG (2292 LBS)	1080 KG (2381 LBS)
RS22n TAS	NA	NA	1061 KG (2339 LBS)	1102 KG (2429 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 1 METER (40 INCHES); THE STARTER BOX SIDE IS 1.0 METERS (40 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 DISHCHARGE PULSATION DAMPENER.

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		
J	CONDENSATE DRAIN MANUAL (RECEIVER)	0.25 INCH NPT(MALE)	0.25 INCH NPT(MALE)		
K	CONDENSATE DRAIN TIMER (RECEIVER)	0.25 INCH NPT(FEMALE)	0.25 INCH NPT(FEMALE)		

CENTER OF GRAVITY TABLE MM [INCH]				
MACHINE	RECEIVER CAPACITY	CG X	CG Y	CG Z
FIXED SPEED	120 GALLON	434 [17.1]	351 [13.8]	423 [16.7]
	240 GALLON	447 [17.6]	211 [8.3]	419 [16.5]
	500 LITRE	445 [17.5]	307 [12.1]	403 [15.9]
	750 LITRE	449 [17.7]	251 [9.9]	410 [16.1]
VSD	500 LITRE	543 [21.4]	330 [13.0]	438 [17.2]
	750 LITRE	548 [21.6]	278 [10.9]	436 [17.2]
FIXED SPEED+TAS	120 GALLON	749 [29.5]	379 [14.9]	412 [16.2]
	240 GALLON	751 [29.6]	260 [10.2]	410 [16.2]
	500 LITRE	762 [30.0]	340 [13.4]	418 [16.4]
	750 LITRE	762 [30.0]	293 [11.5]	417 [16.4]
VSD+TAS	500 LITRE	857 [33.8]	356 [14.0]	660 [26.0]
	750 LITRE	859 [33.8]	312 [12.3]	425 [16.7]

RECEIVER DIMENSIONS MM [INCH]														
RECEIVER CAPACITY	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14
120 GALLON	695 [27.4]	1916 [75.4]	362 [14.3]	604 [23.8]	680 [26.8]	530 [20.9]	265 [10.4]	1067 [42.0]	317 [12.5]	229 [9.0]	439 [17.3]	NA	189 [7.4]	NA
240 GALLON	863 [34.0]	2335 [91.9]	445 [17.5]	645 [25.4]	844 [33.2]	547 [21.5]	273 [10.7]	1067 [42.0]	552 [21.7]	255 [10.0]	649 [25.5]	NA	399 [15.7]	NA
500 LITRE	690 [27.2]	2119 [83.4]	357 [14.1]	604 [23.8]	686 [27.0]	530 [20.9]	265 [10.4]	1067 [42.0]	417 [16.4]	251 [9.9]	544 [21.4]	404 [15.9]	294 [11.6]	154 [6.1]
750 LITRE	847 [33.3]	2098 [82.6]	435 [17.1]	645 [25.4]	847 [33.3]	547 [21.5]	273 [10.7]	1067 [42.0]	412 [16.2]	295 [11.6]	534 [21.0]	394 [15.5]	284 [11.2]	144 [5.6]

REVISIONS

ZONE	REV	ECN	DESCRIPTION	DATE	DRAWN	APPROVED
	A	1298388	ORIGINAL RELEASE	2018OCT11	S.GOTHI	H.PATEL

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THIRD ANGLE PROJECTION

DRAWN S.GOTHI	DATE 2018OCT11
CHECKED S.PATEL	DATE 2018OCT11
APPROVED H.PATEL	DATE 2018OCT11

DRAWING TYPE
General Arrangement Drawing

NOMENCLATURE



NAME

GENERAL ARRANGEMENT, RS11-22i, RS15-22n, RECEIVER MOUNTED

SIZE A1	ESTIMATED WEIGHT (KG UNLESS OTHERWISE SPECIFIED) 0.0 kilogram	DWG NO. 47637549001	REVISION A
SCALE 0.20	MODEL RS 11-22i, RS 15-22n & TAS	SHEET 1 of 9	

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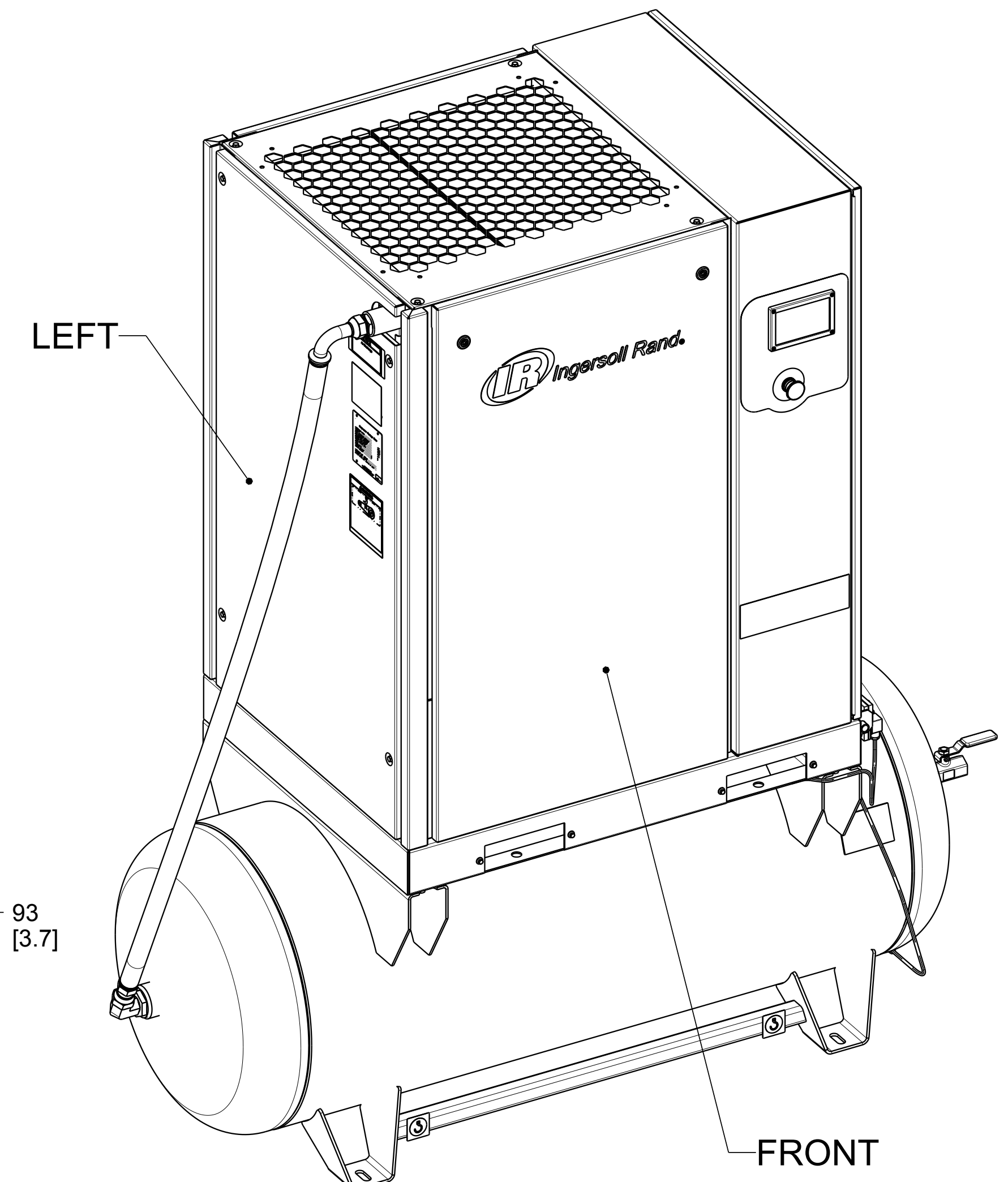
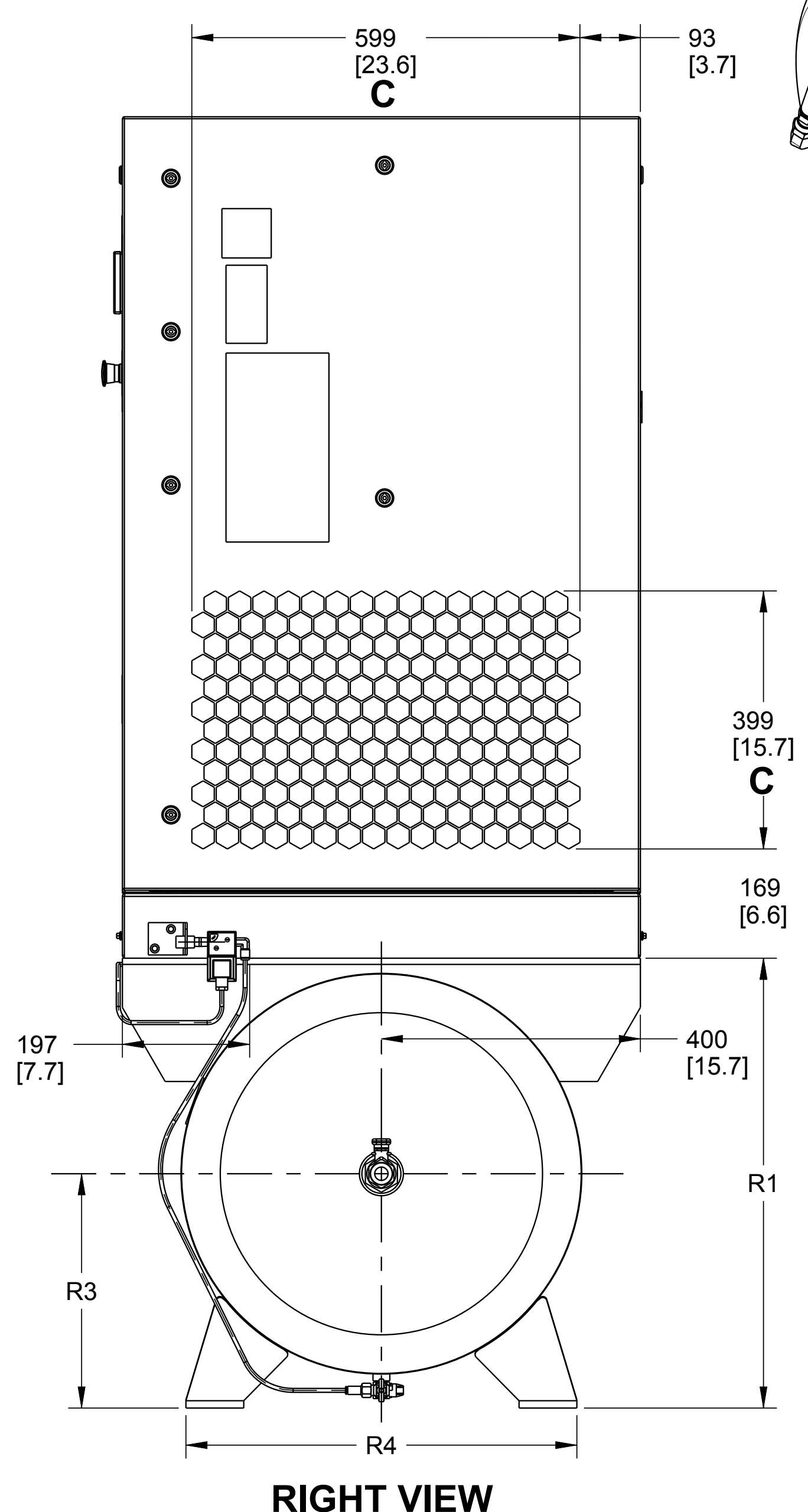
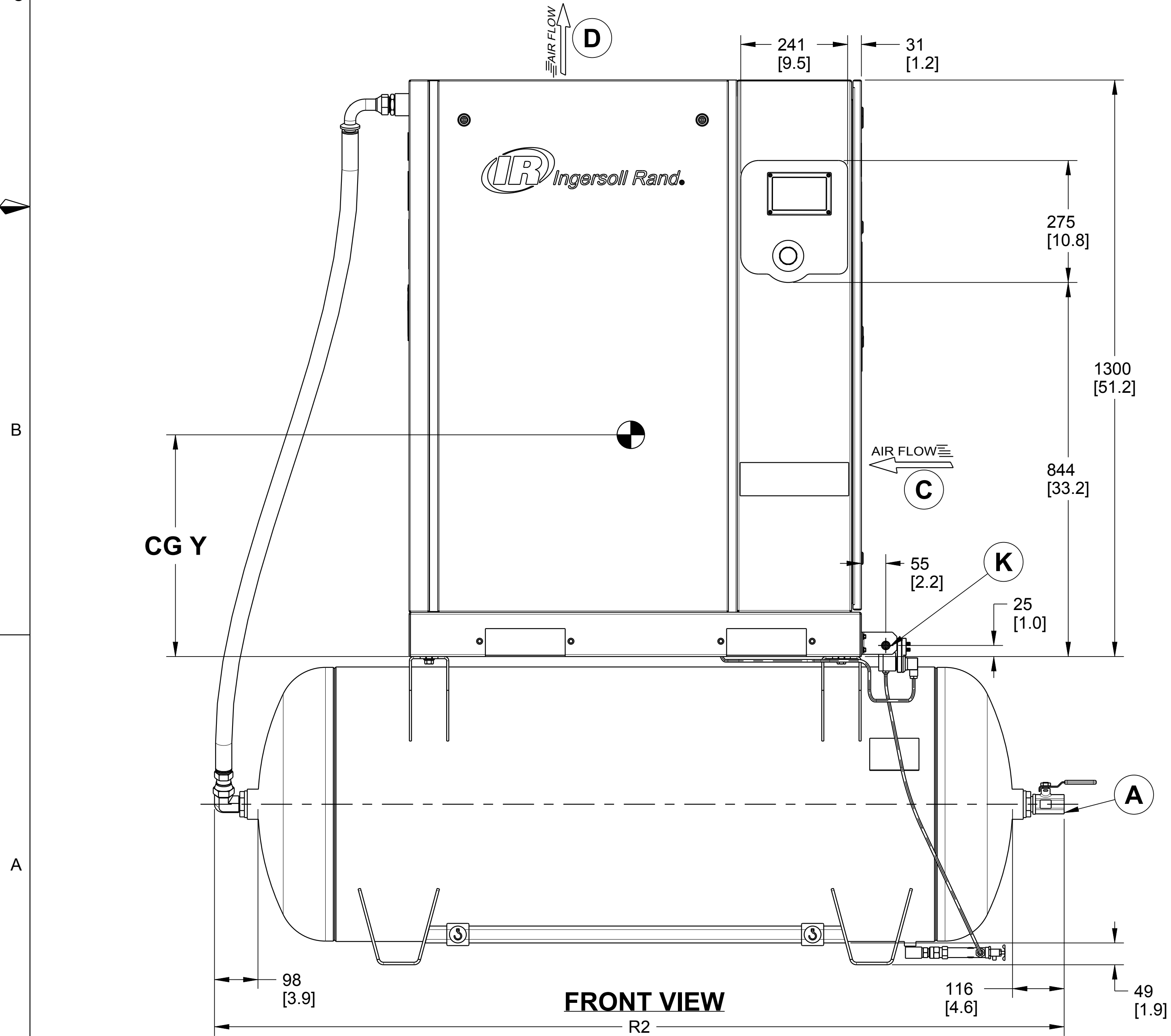
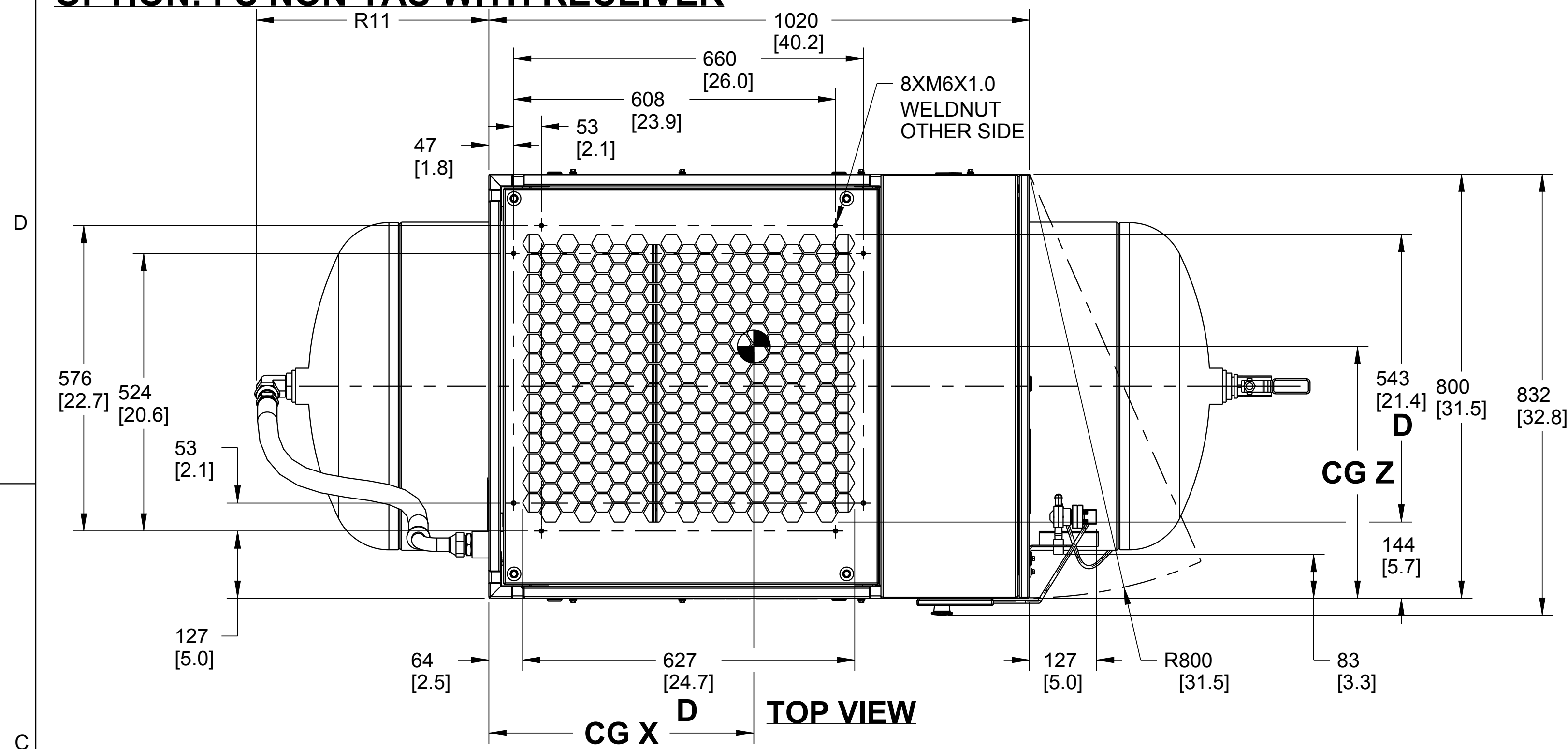
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24-Oct-2018 05:54:18 (model A.12/A.25)

OPTION: FS NON-TAS WITH RECEIVER



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SIZE	DWG NO.	PART NO.	REVISION
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SCALE	0.12	NOMENCLATURE	SHEET 2 of 9

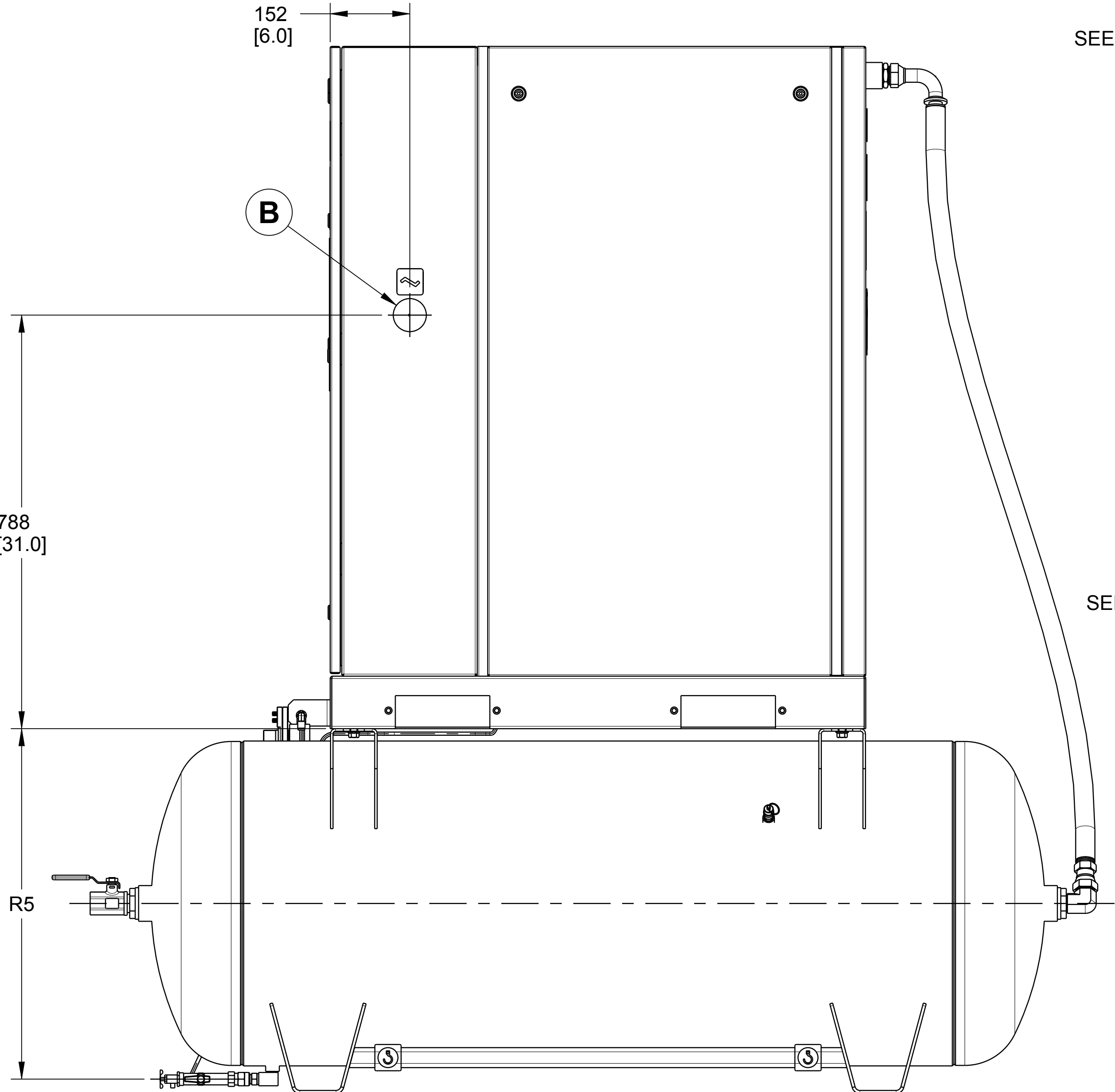
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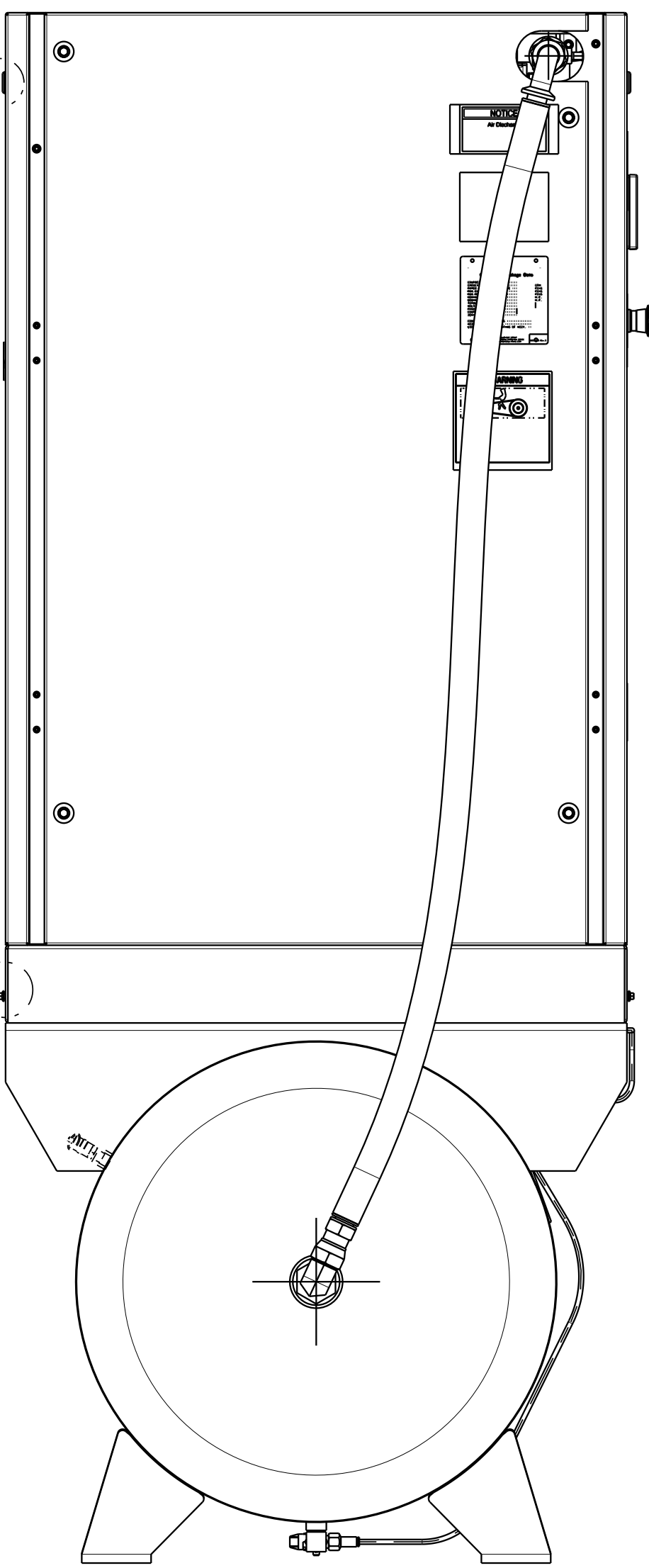
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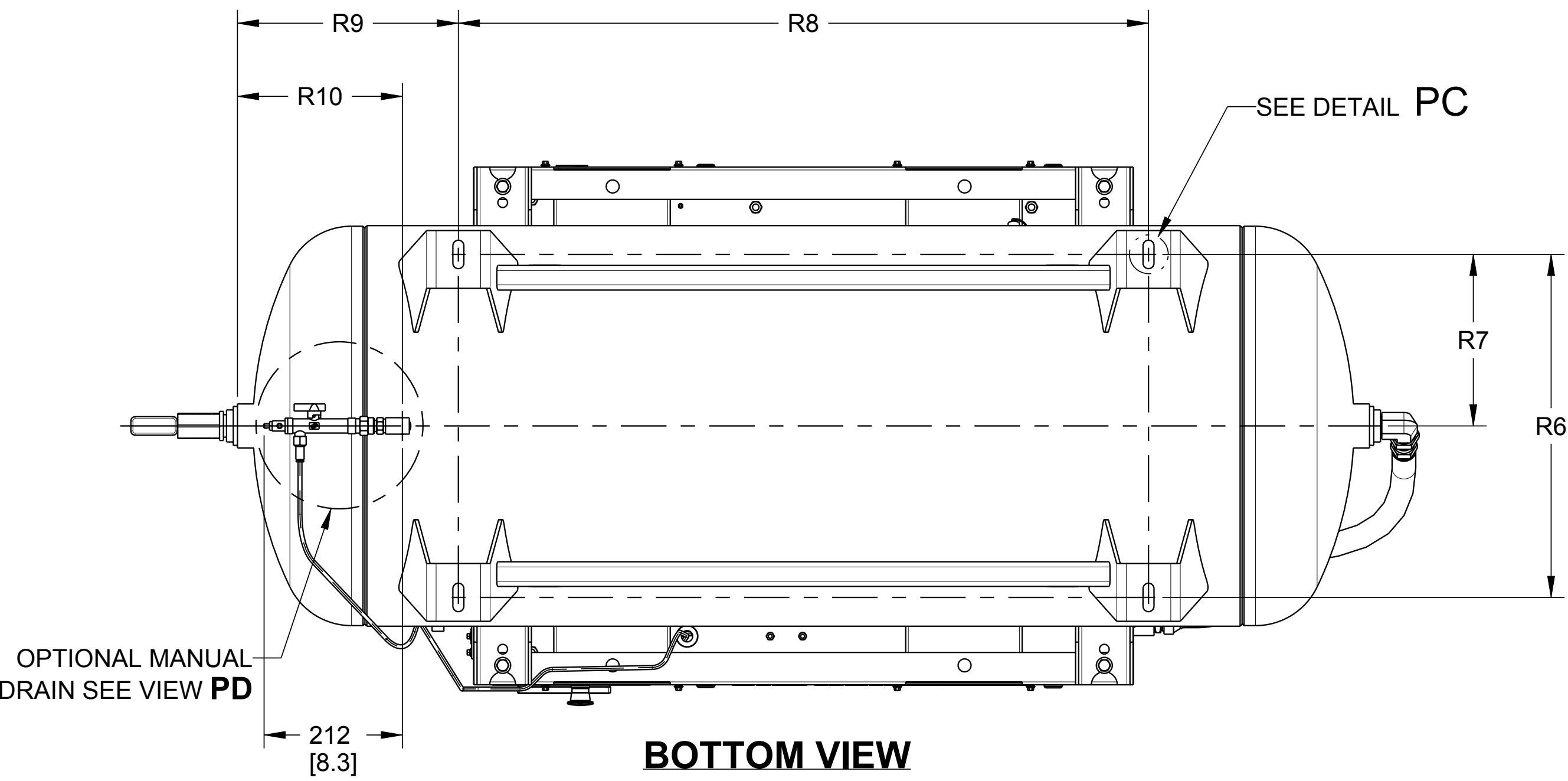
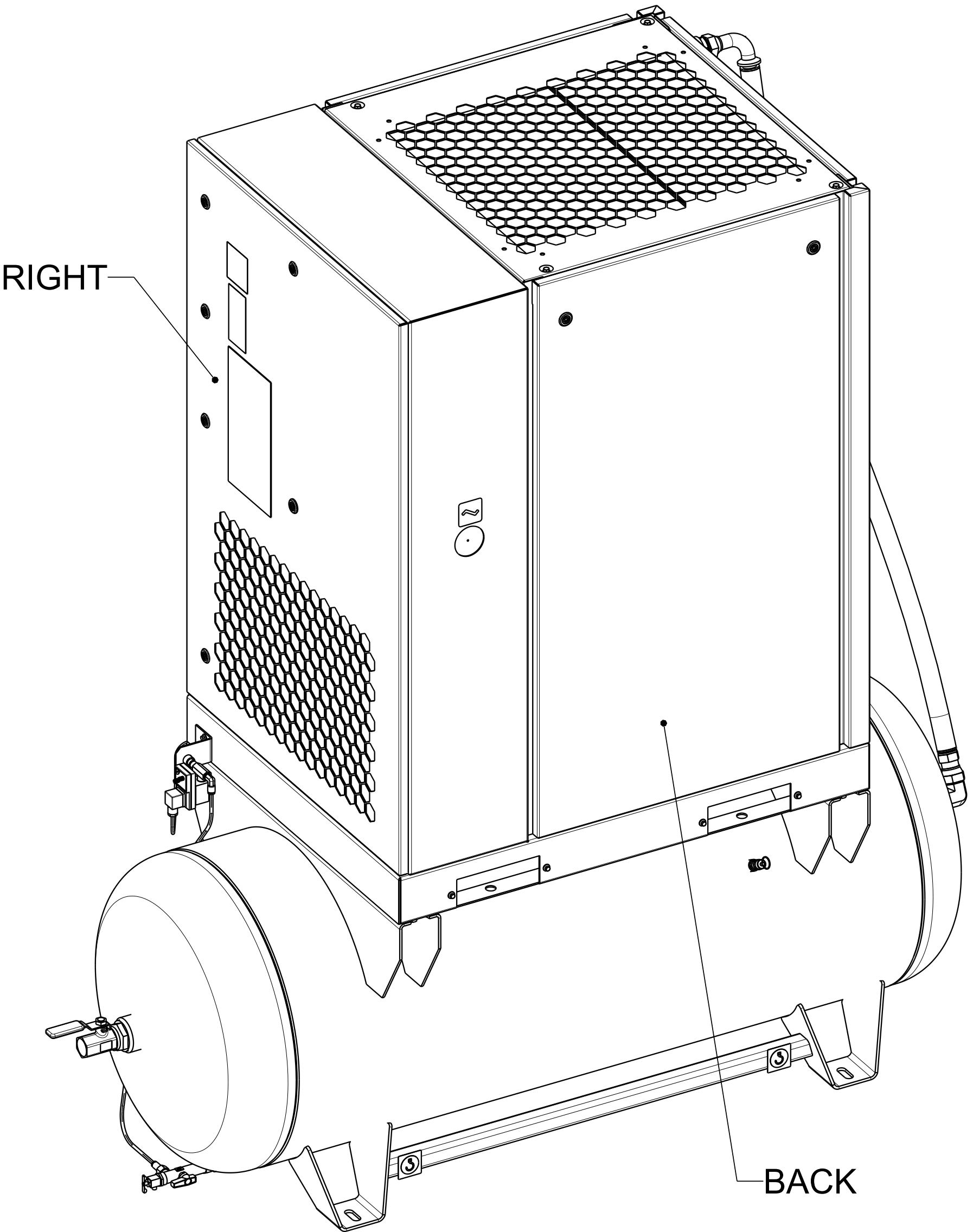
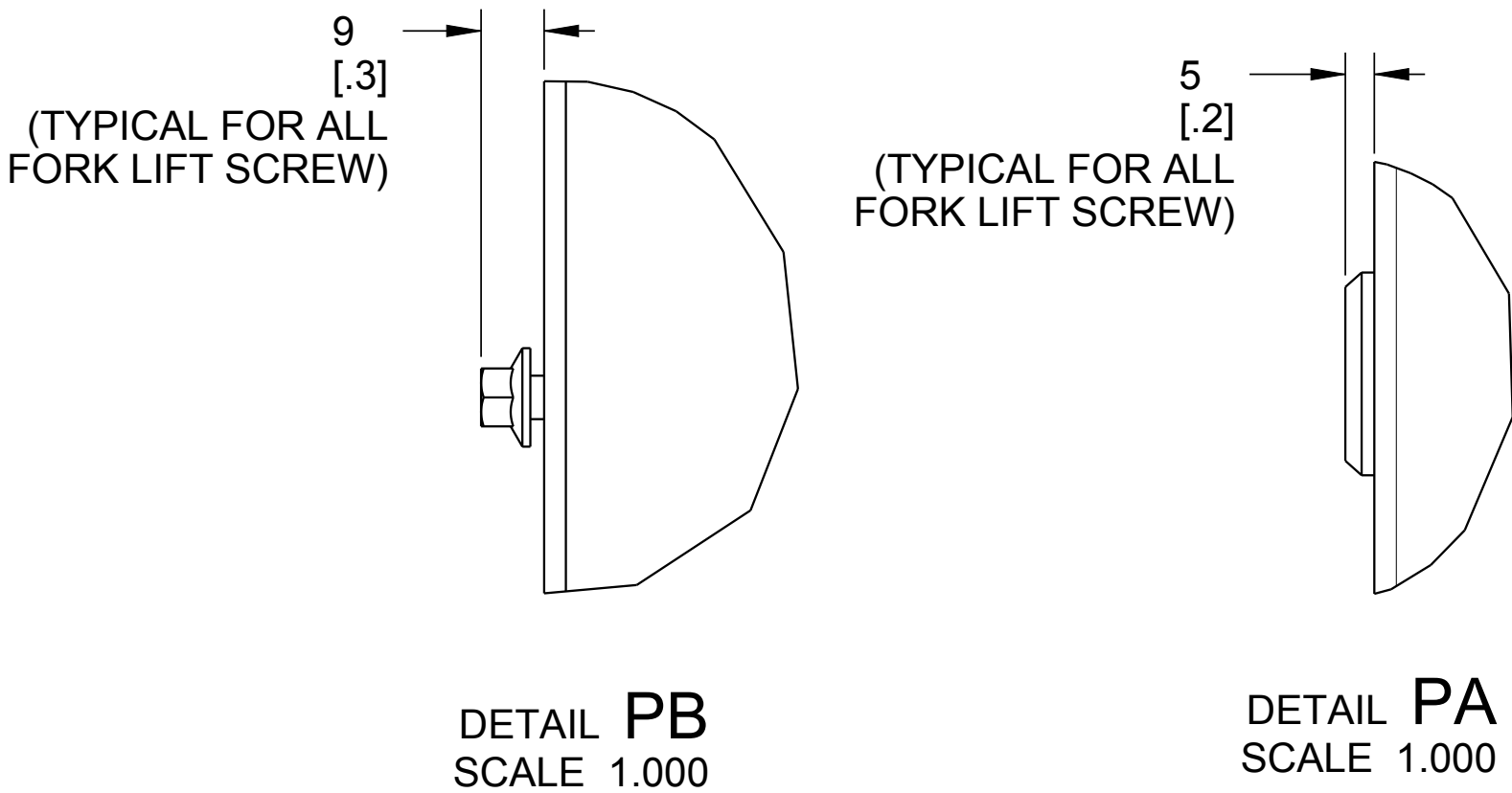
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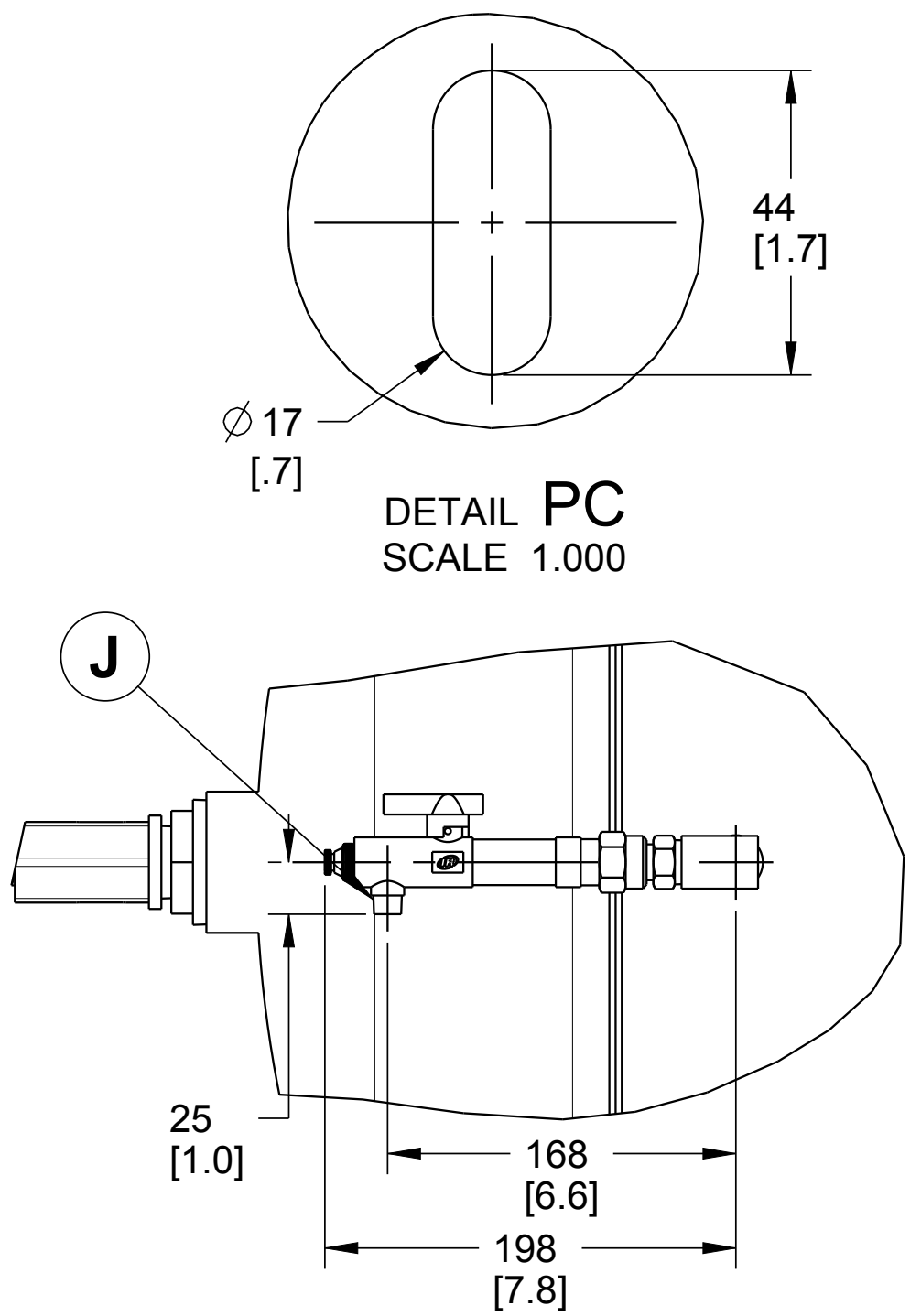
BACK VIEW



LEFT VIEW



BOTTOM VIEW



VIEW PD
APPLICABLE FOR MANUAL DRAIN

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		SIZE	REVISION
		A1	A
SCALE 0.13		PART NO. 47637549001	SHEET 3 OF 9

D



D



- R2



R4



C



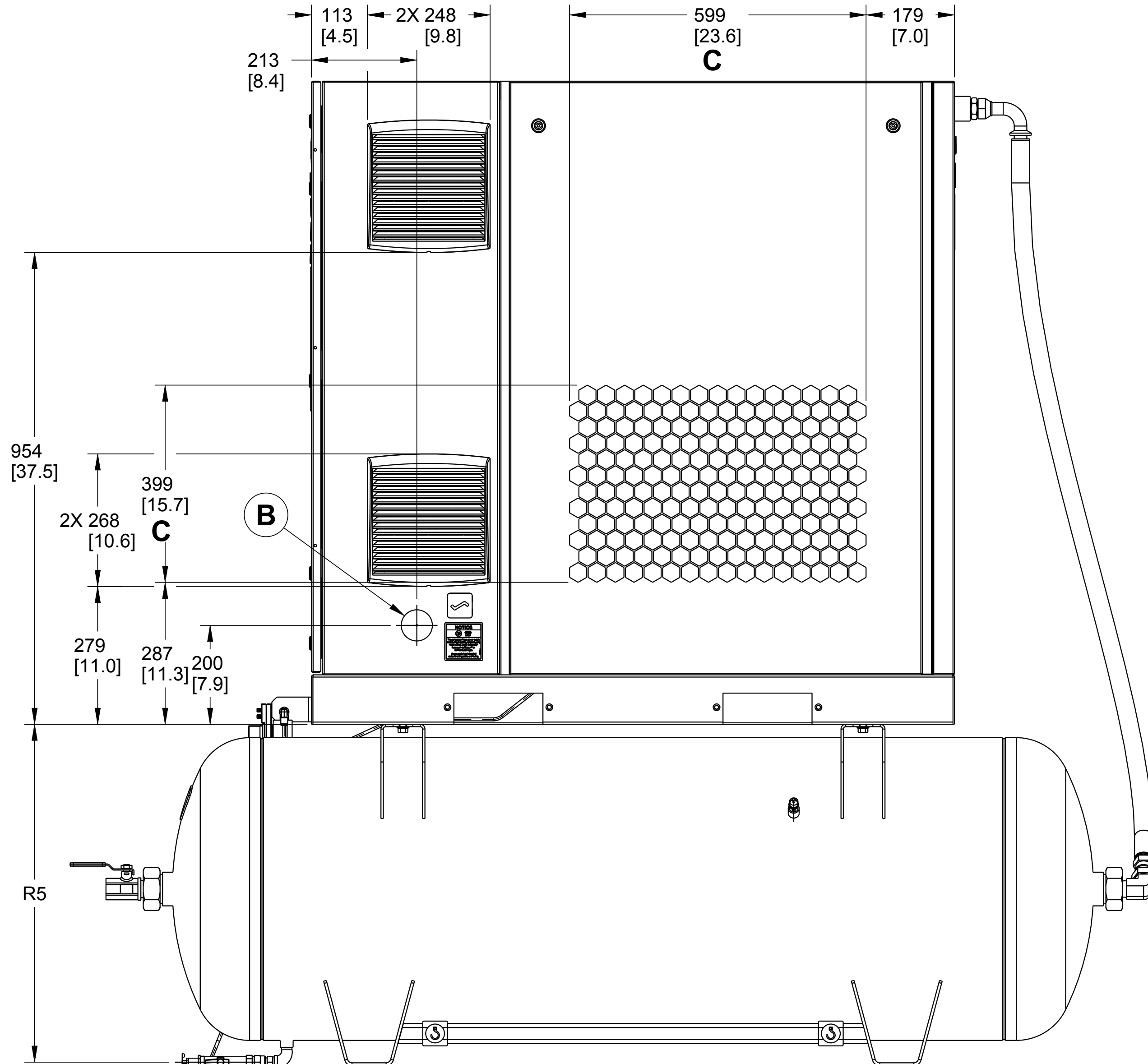
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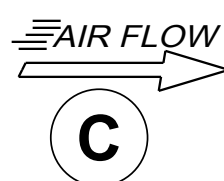
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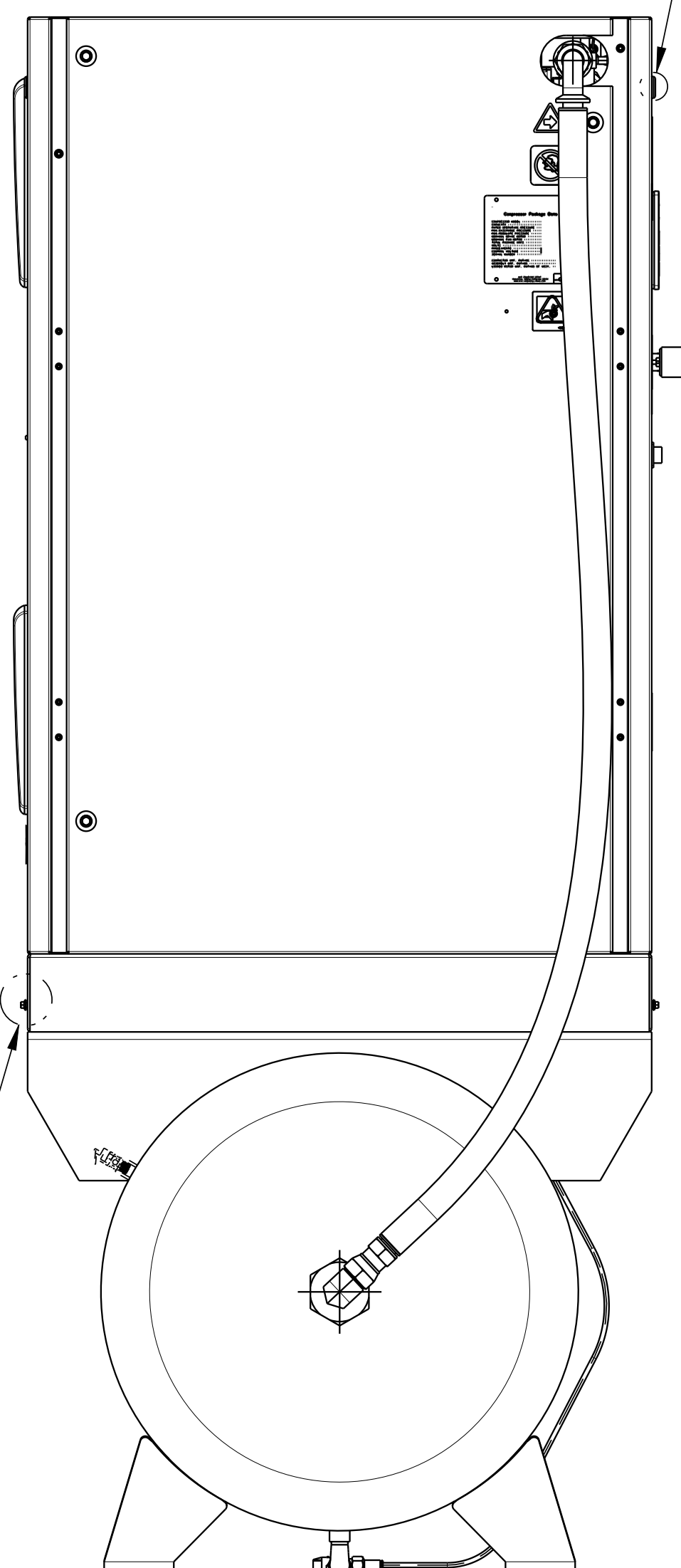
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BACK VIEW

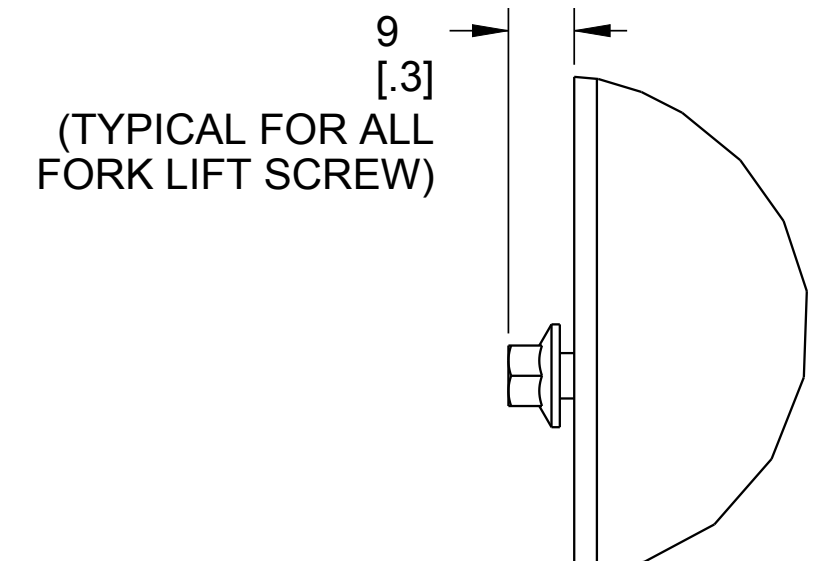


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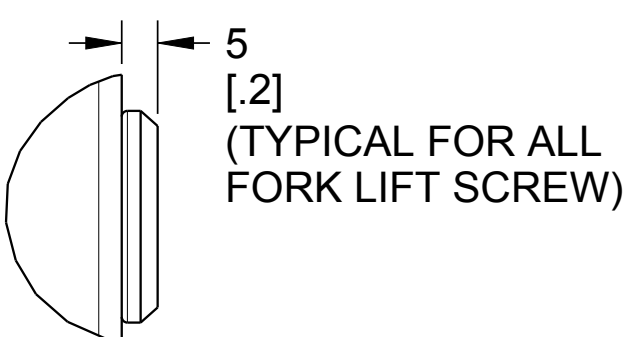


LEFT VIEW

SEE DETAIL RA

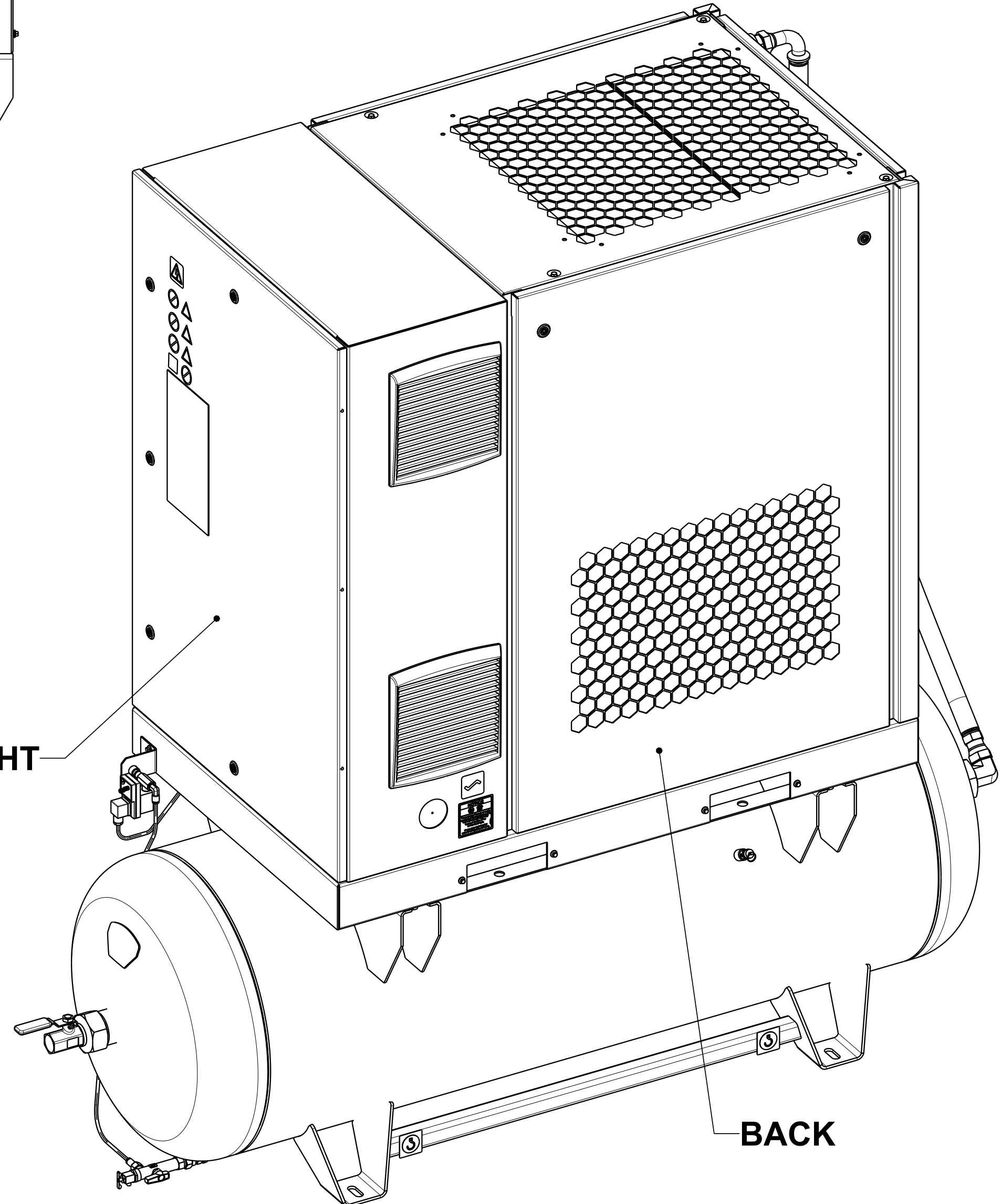


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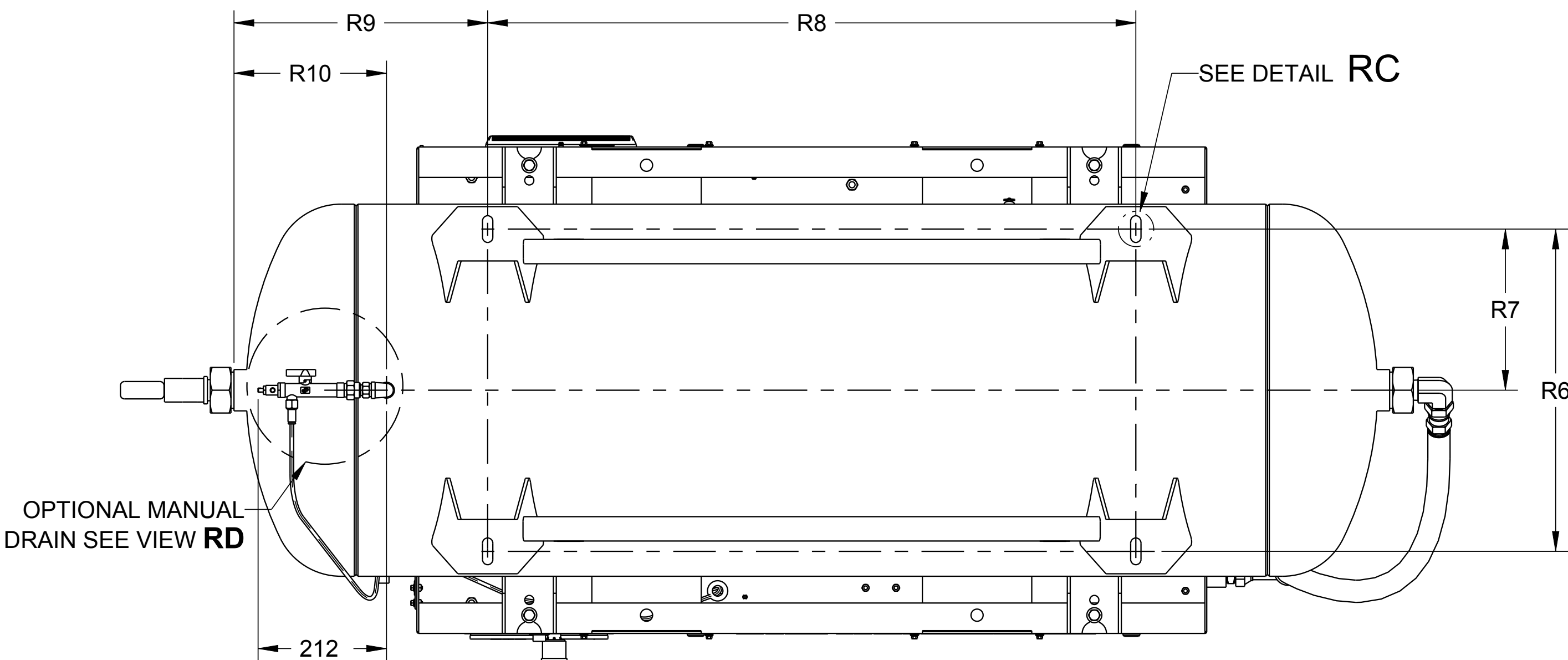


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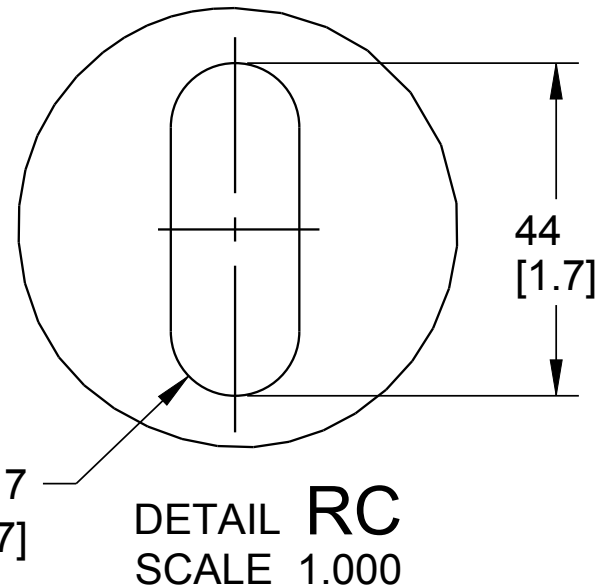
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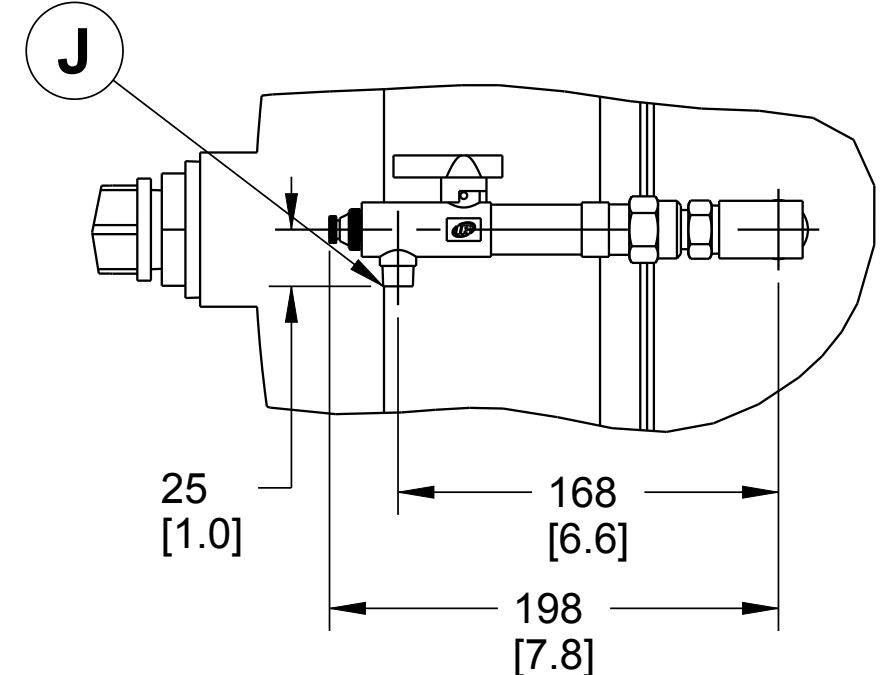
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BOTTOM VIEW

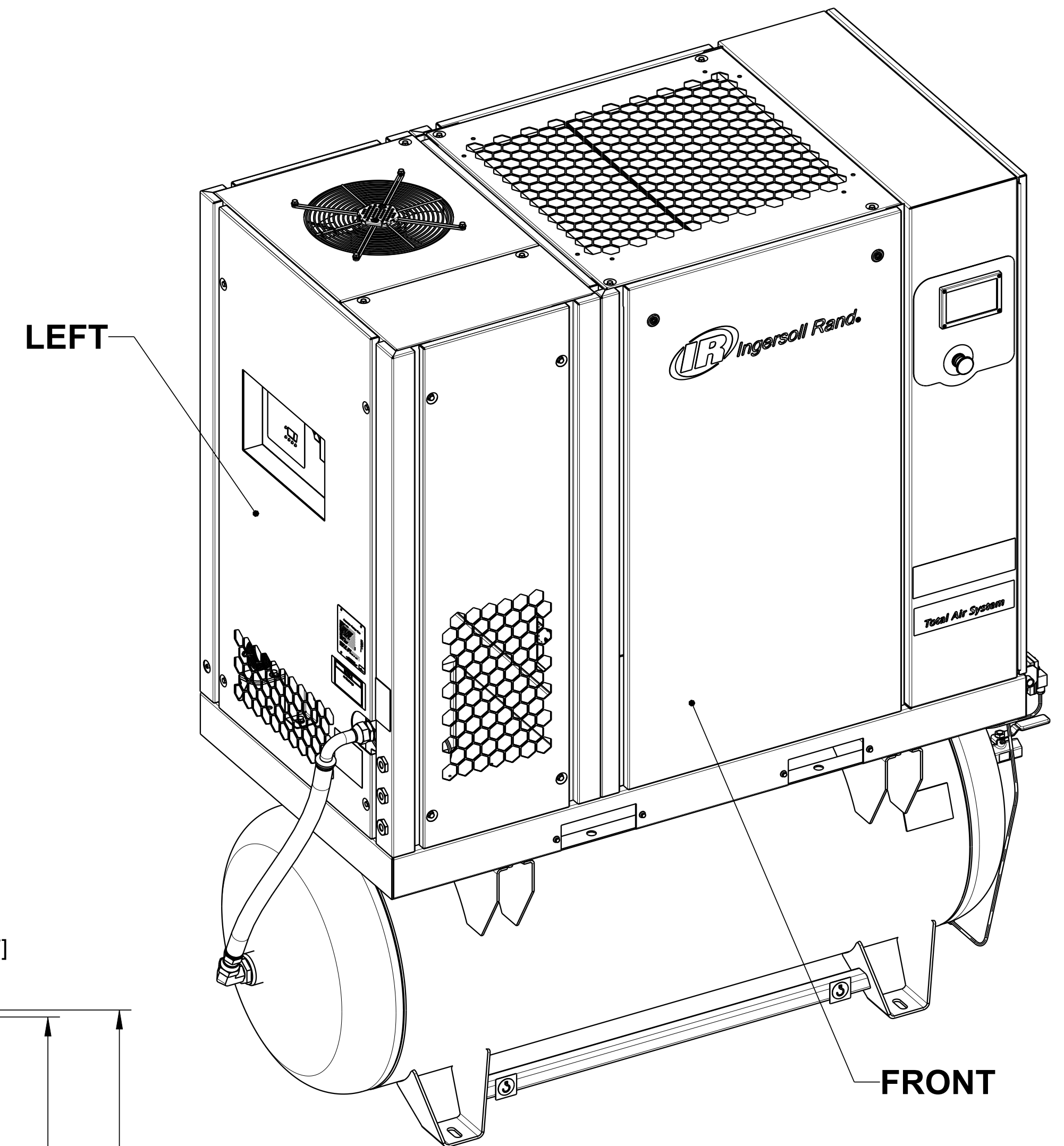
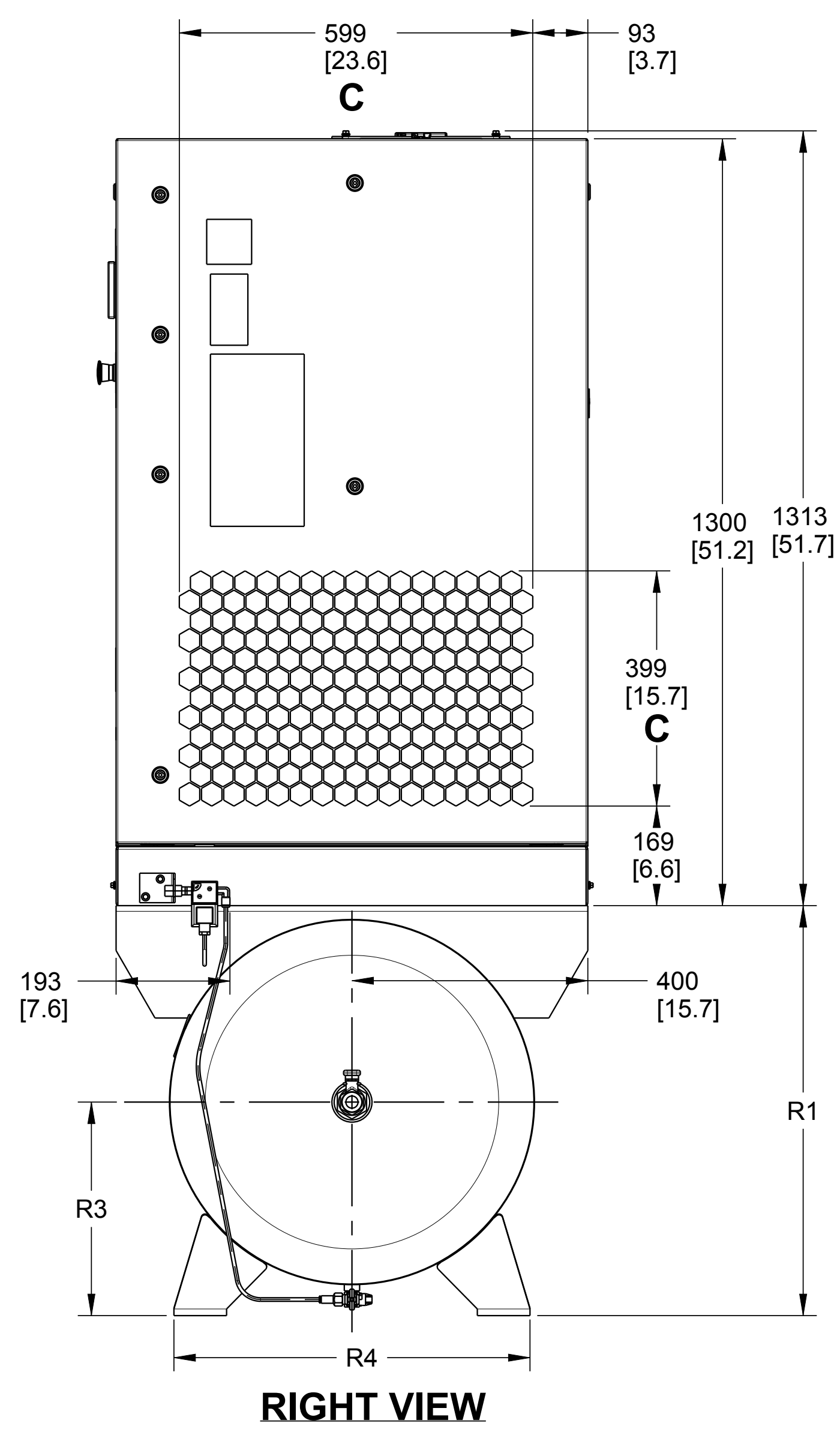
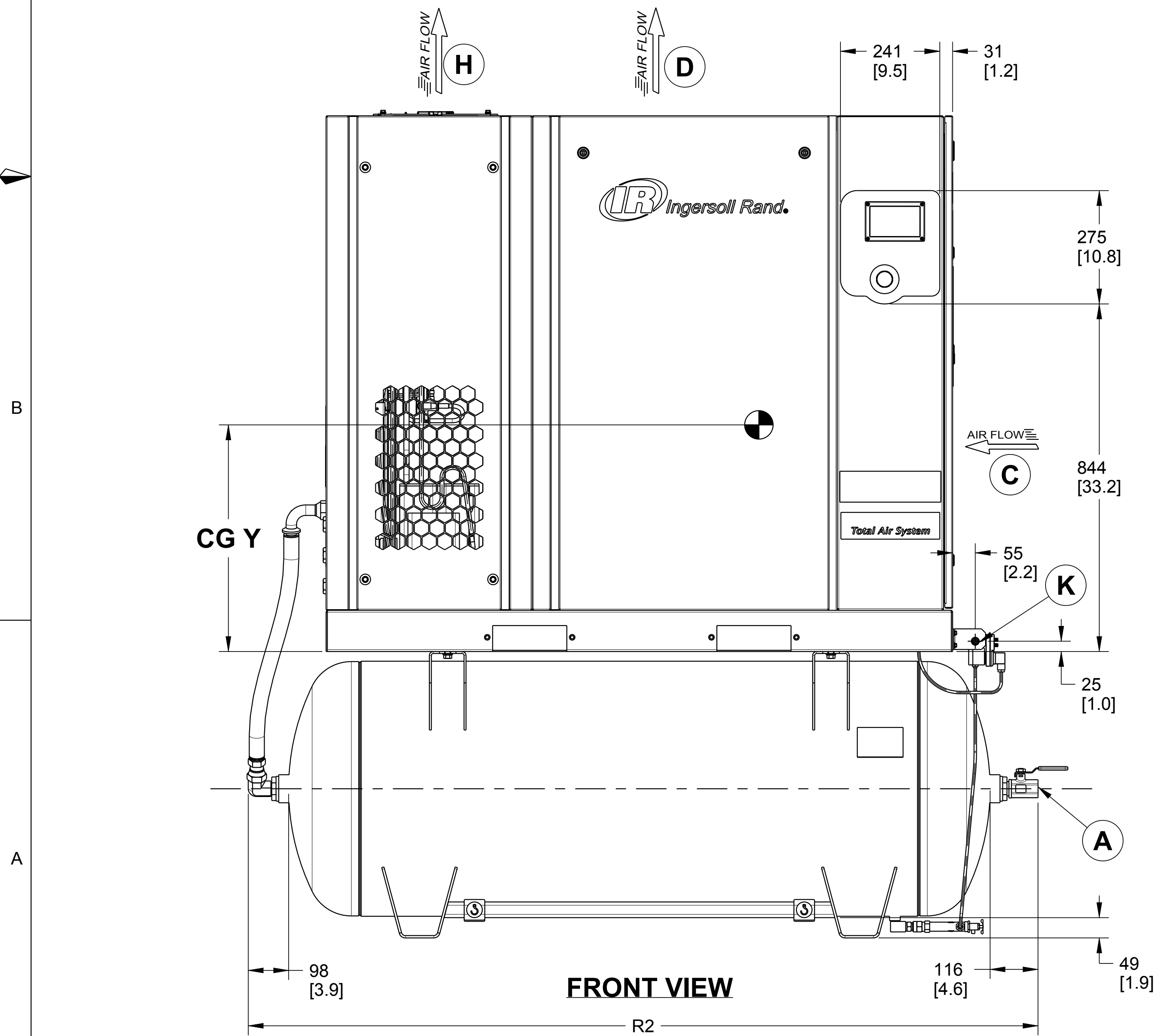
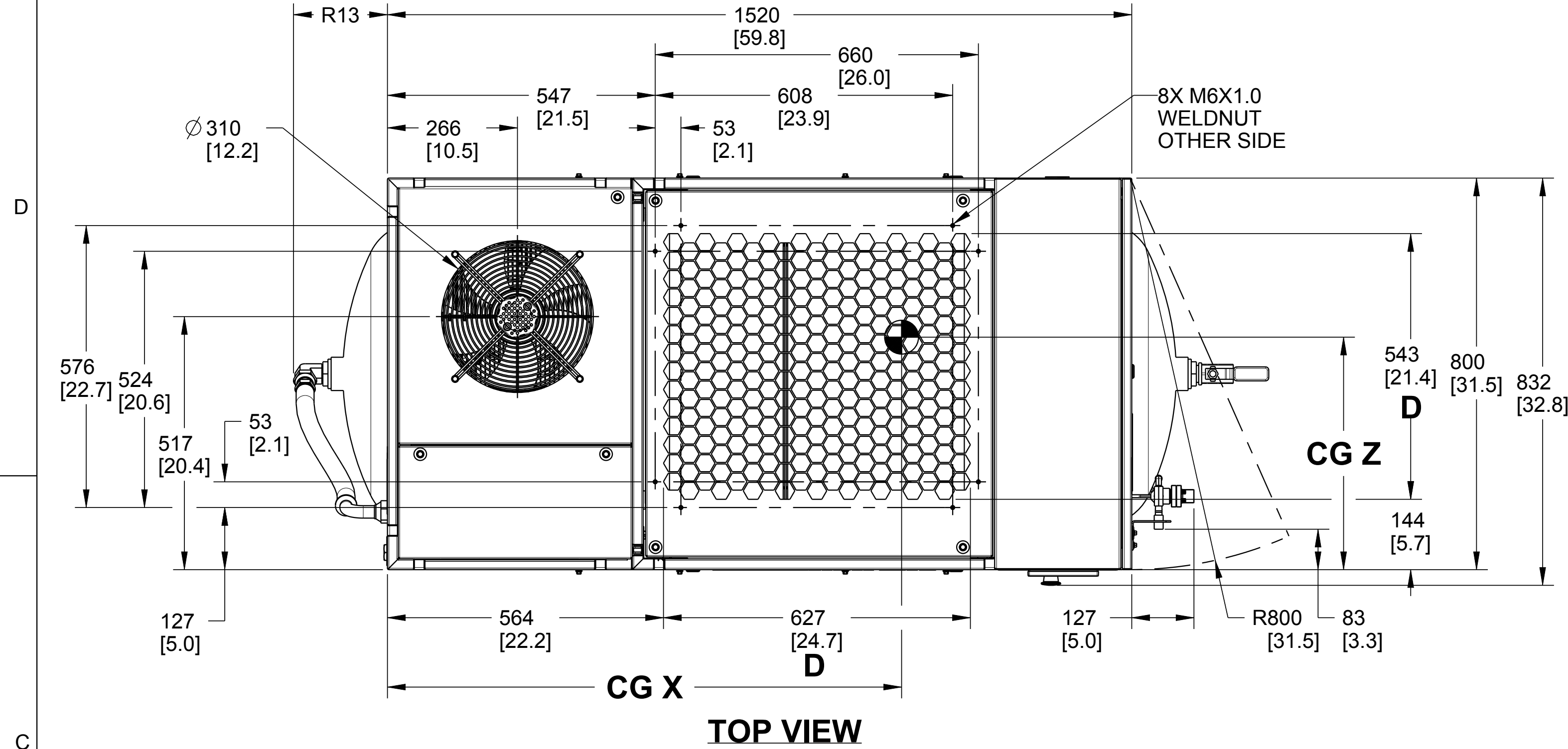


VIEW RD
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A1	47637549001		A
SCALE	0.13	NOMENCLATURE	SHEET 5 OF 9

OPTION: FS TAS WITH RECEIVER



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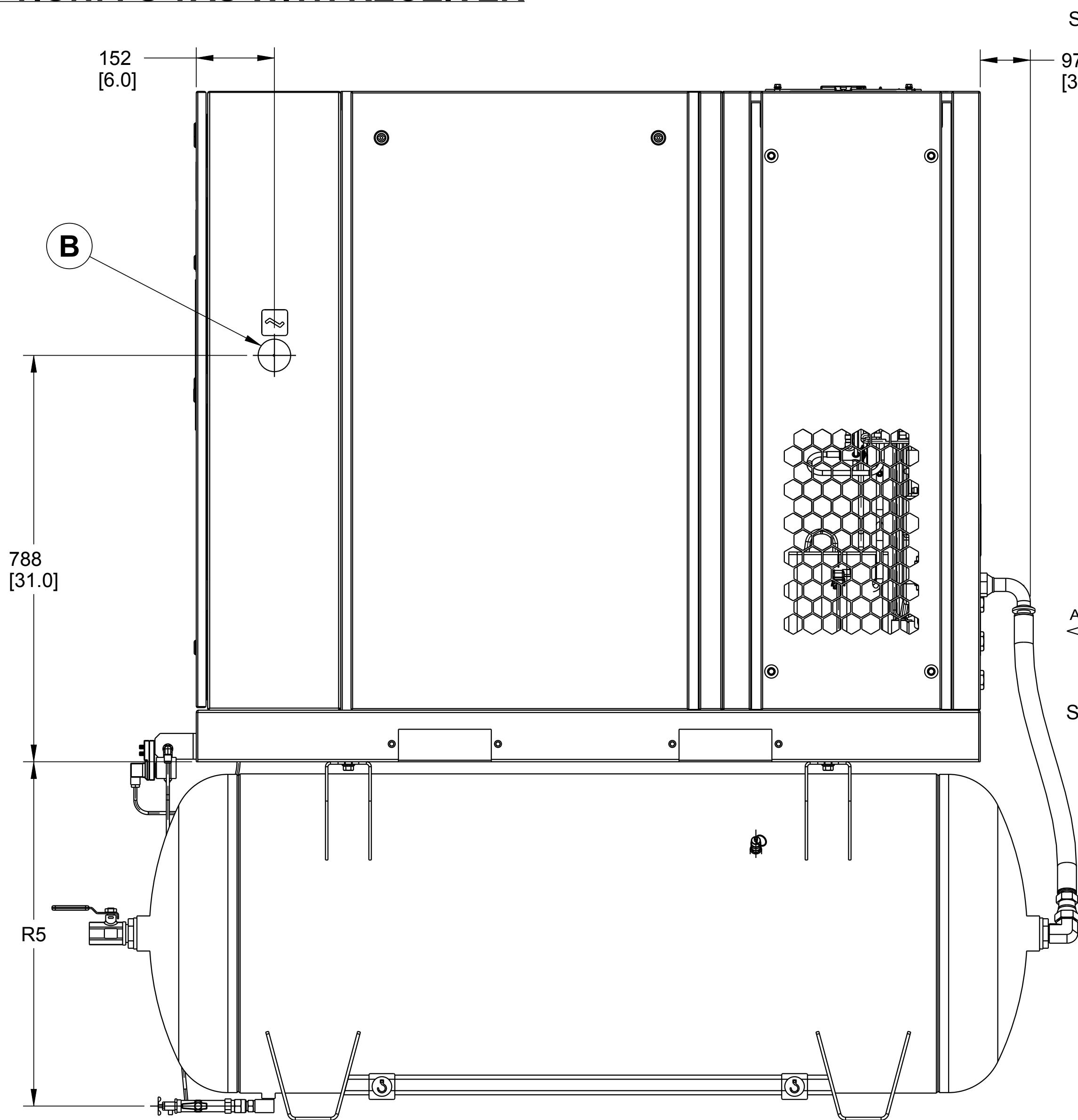
OPTION: FS TAS WITH RECEIVER

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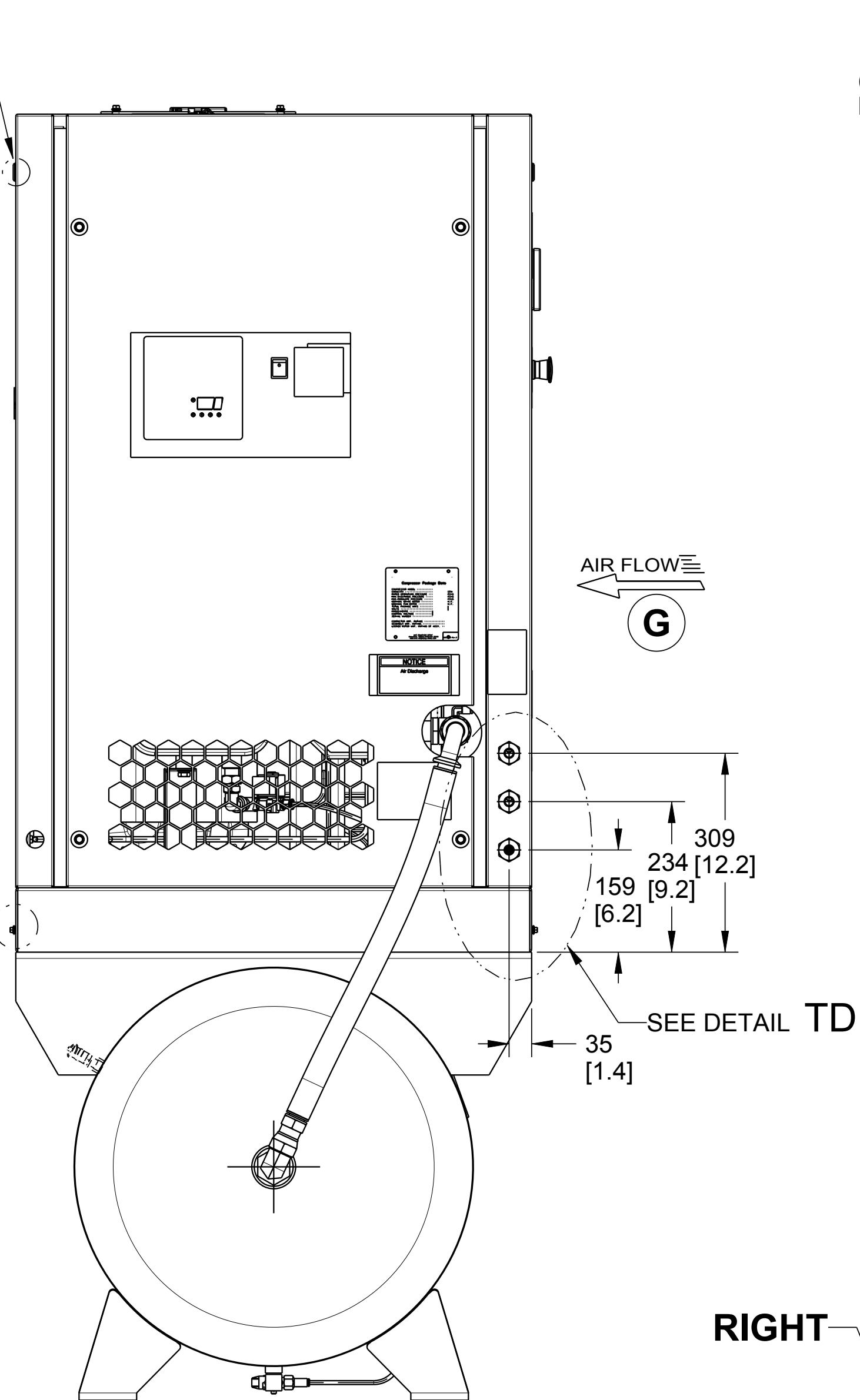
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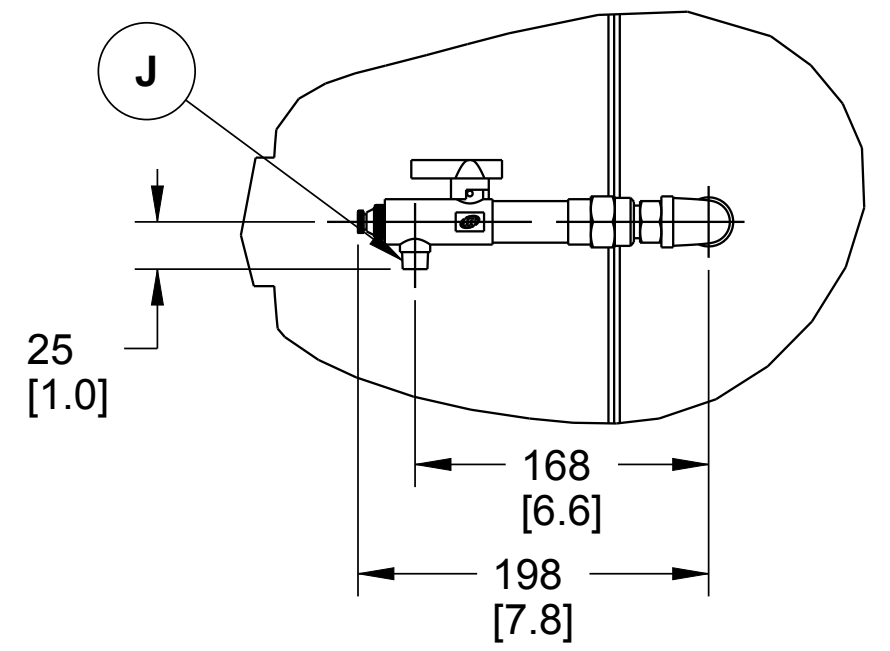
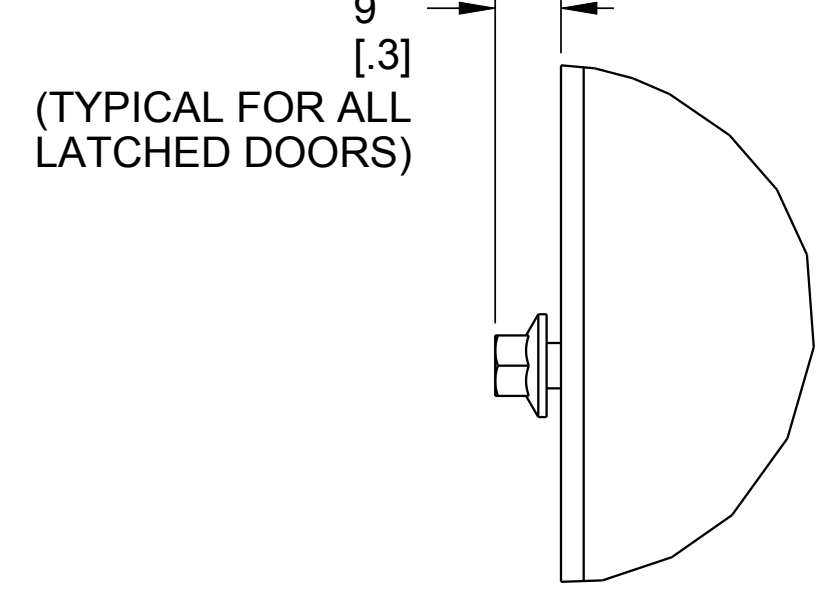
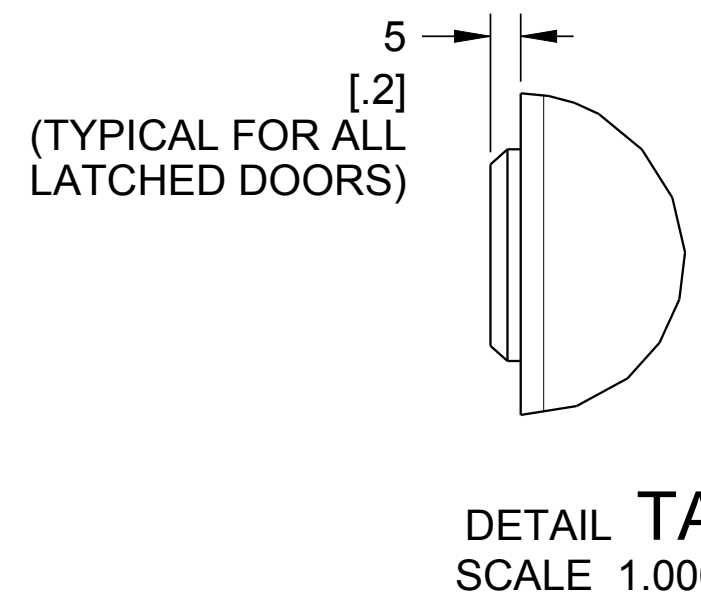
BACK VIEW

AIR FLOW
G

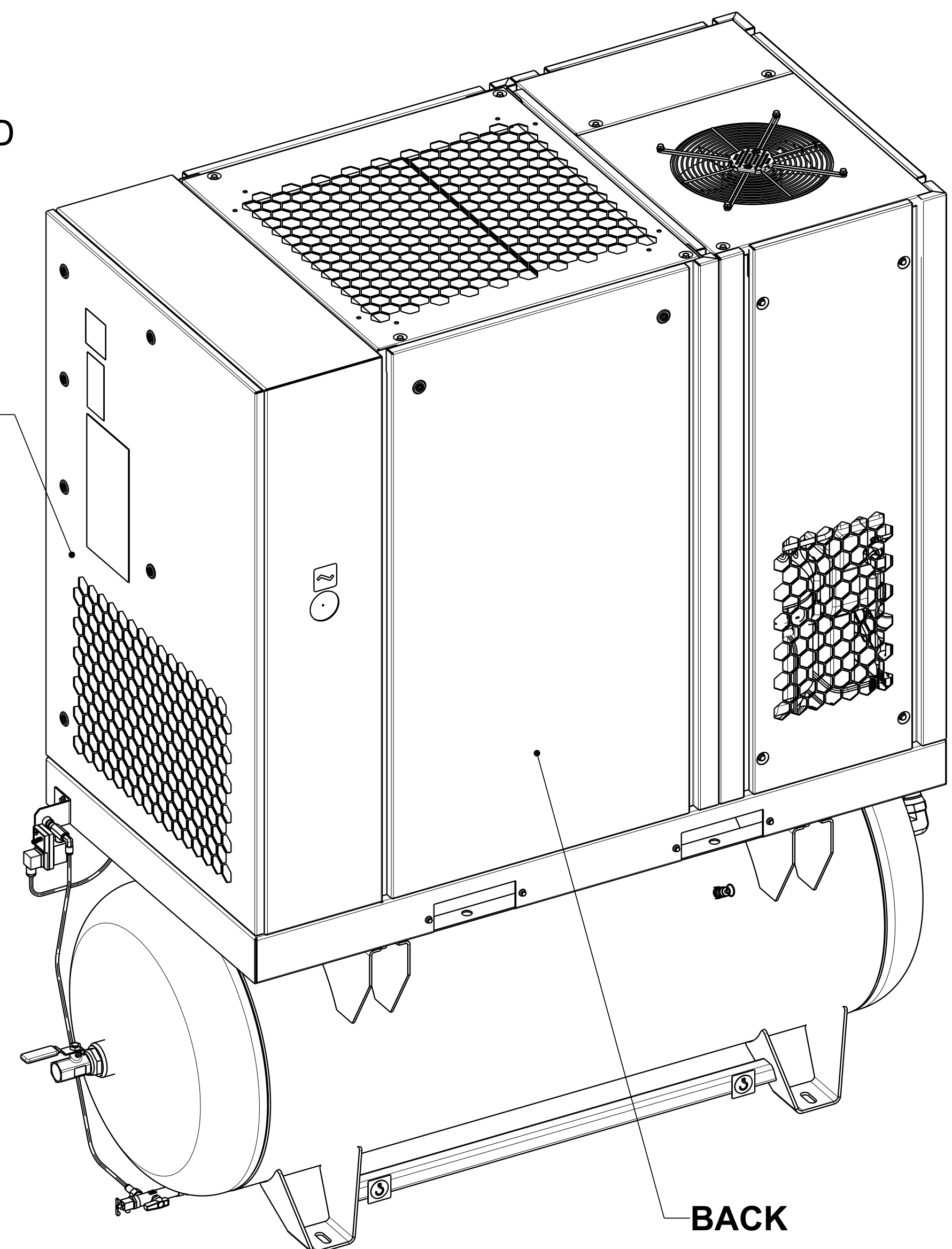
AIR FLOW
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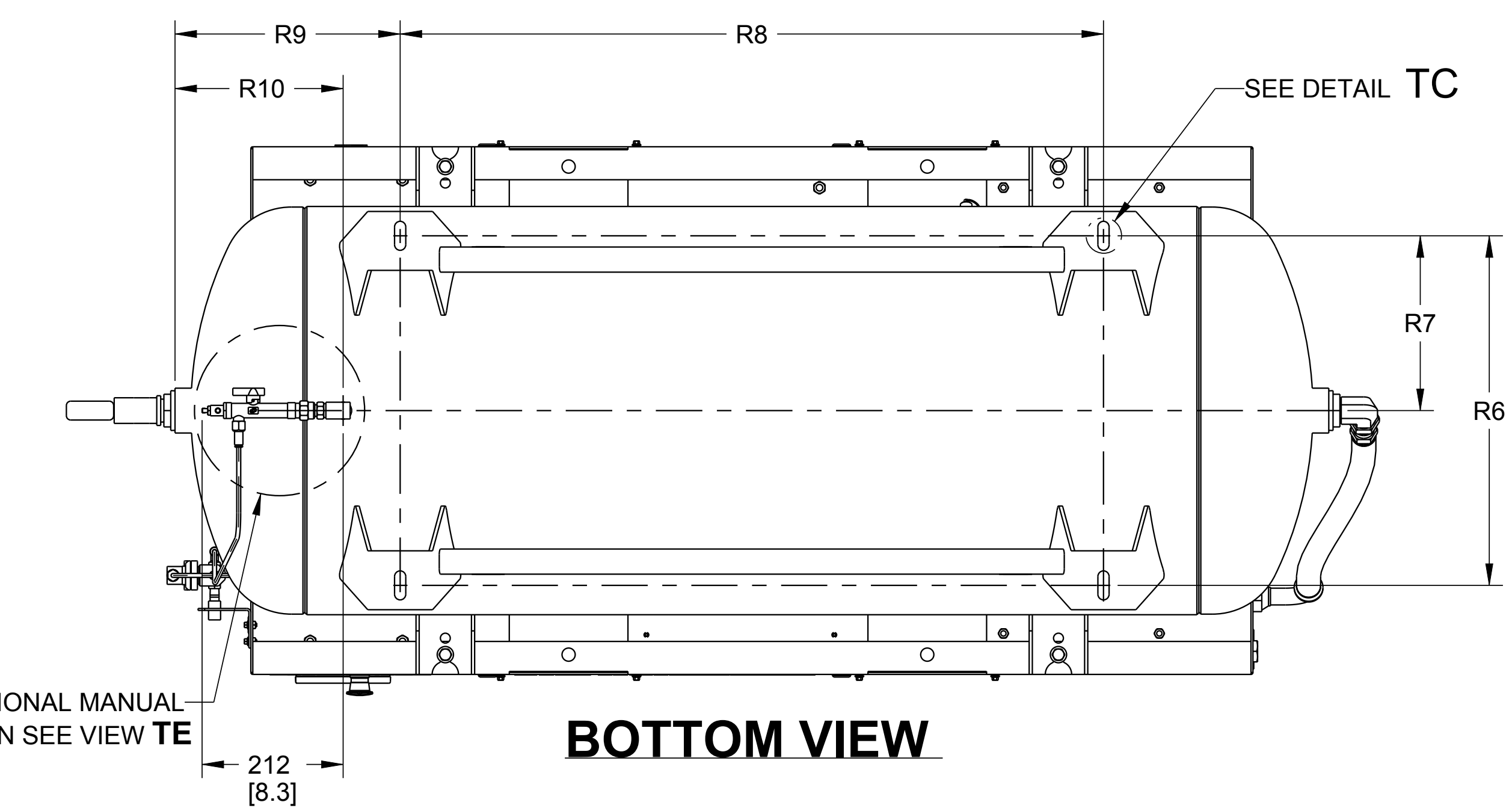
LEFT VIEW



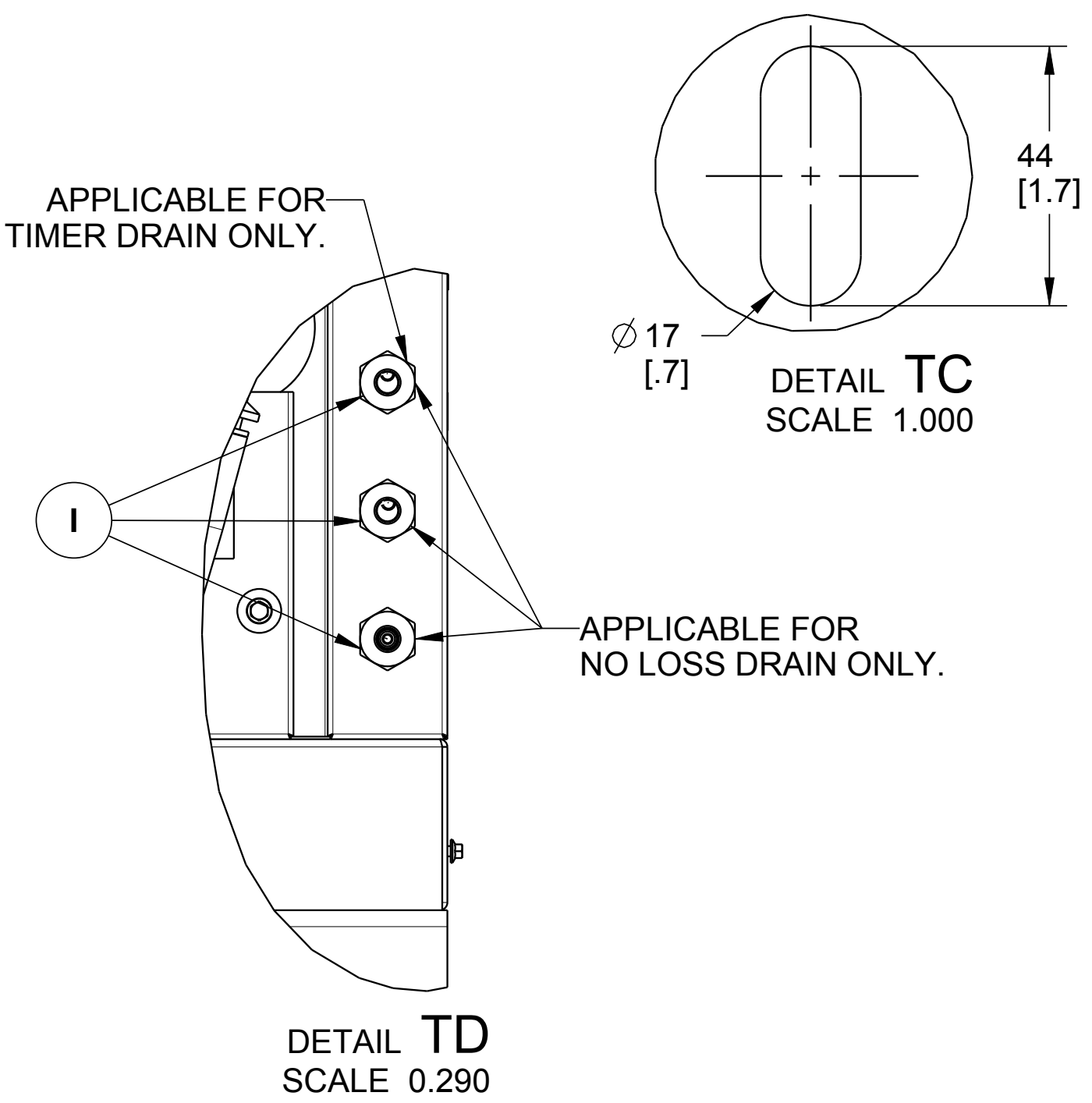
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BACK

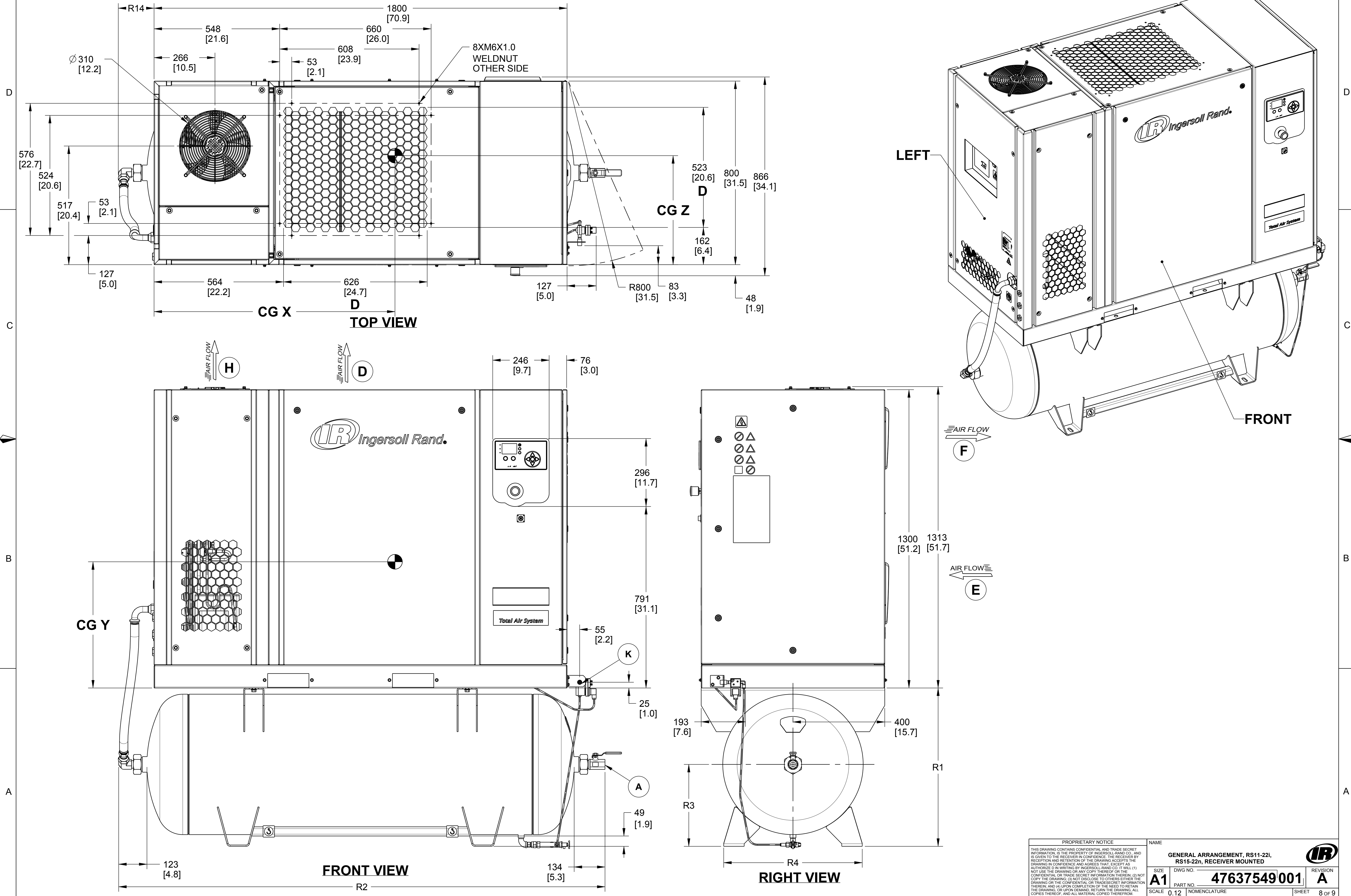


BOTTOM VIEW



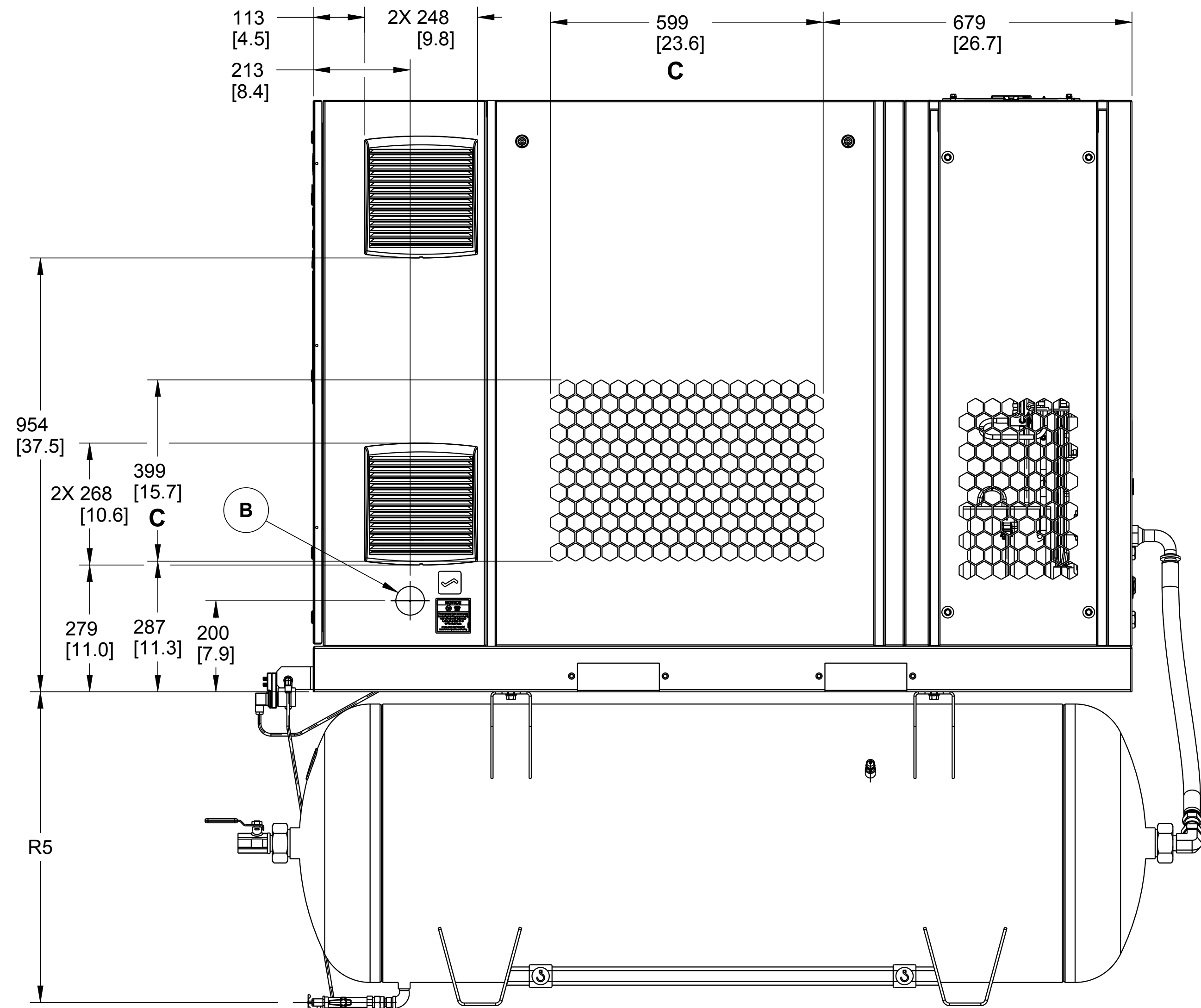
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SIZE	DWG NO.	PART NO.	REVISION
A1	47637549001		A
SCALE	0.13	NOMENCLATURE	SHEET 7 OF 9

OPTION: VSD TAS WITH RECEIVER

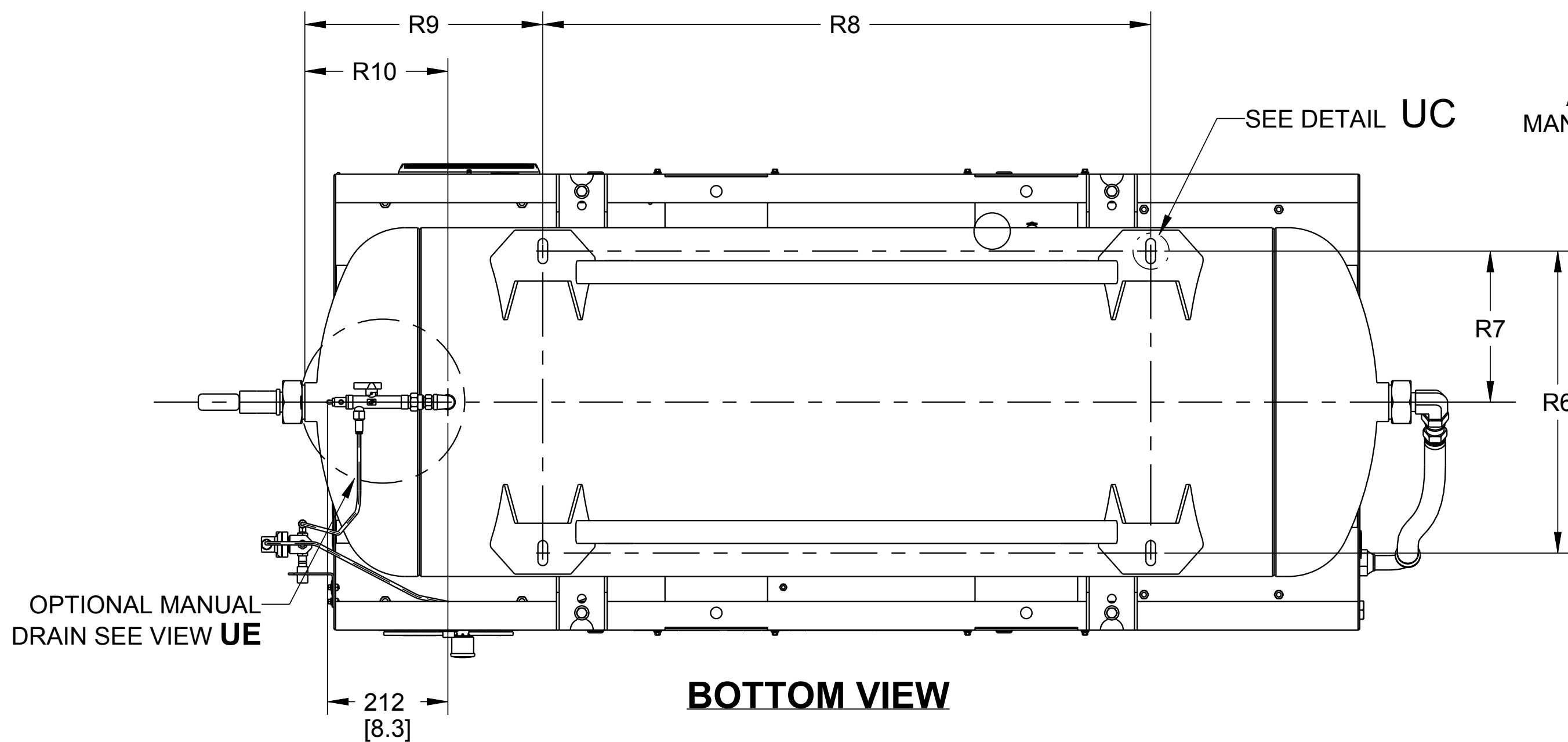


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		SCALE	0.12 NOMENCLATURE
		SHEET	8 OF 9
		REVISION	A

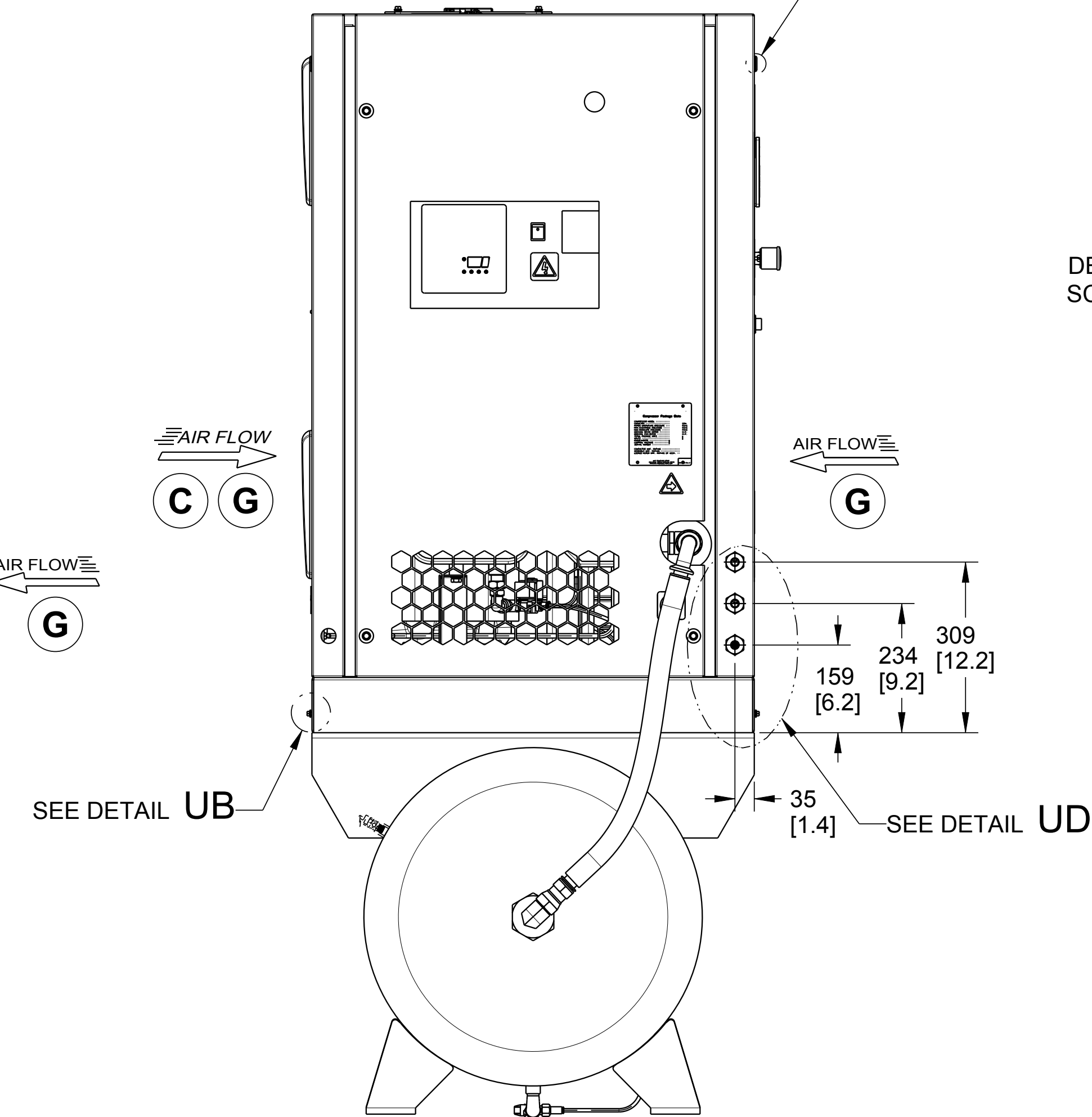
OPTION: VSD TAS WITH RECEIVER



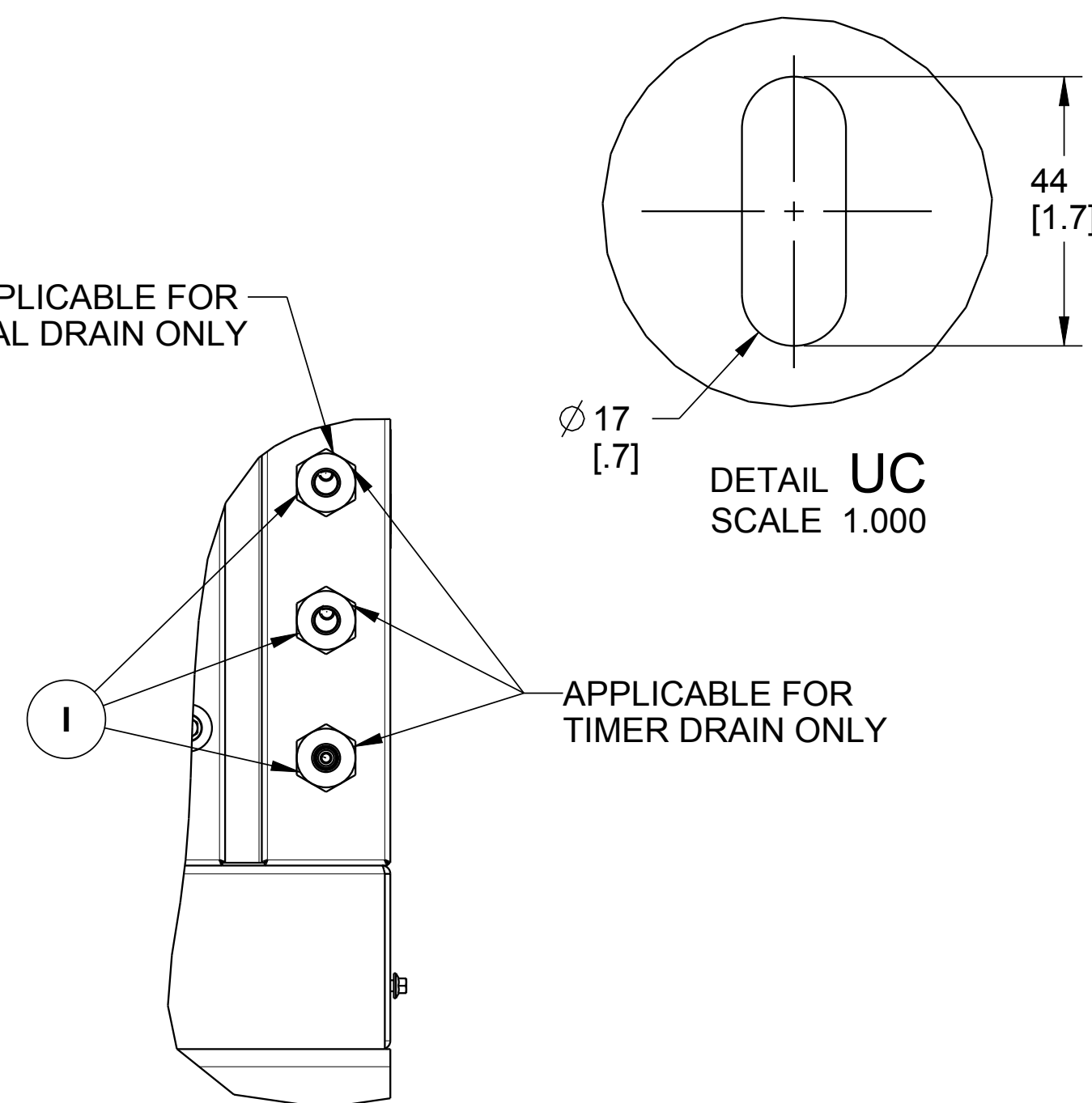
BACK VIEW



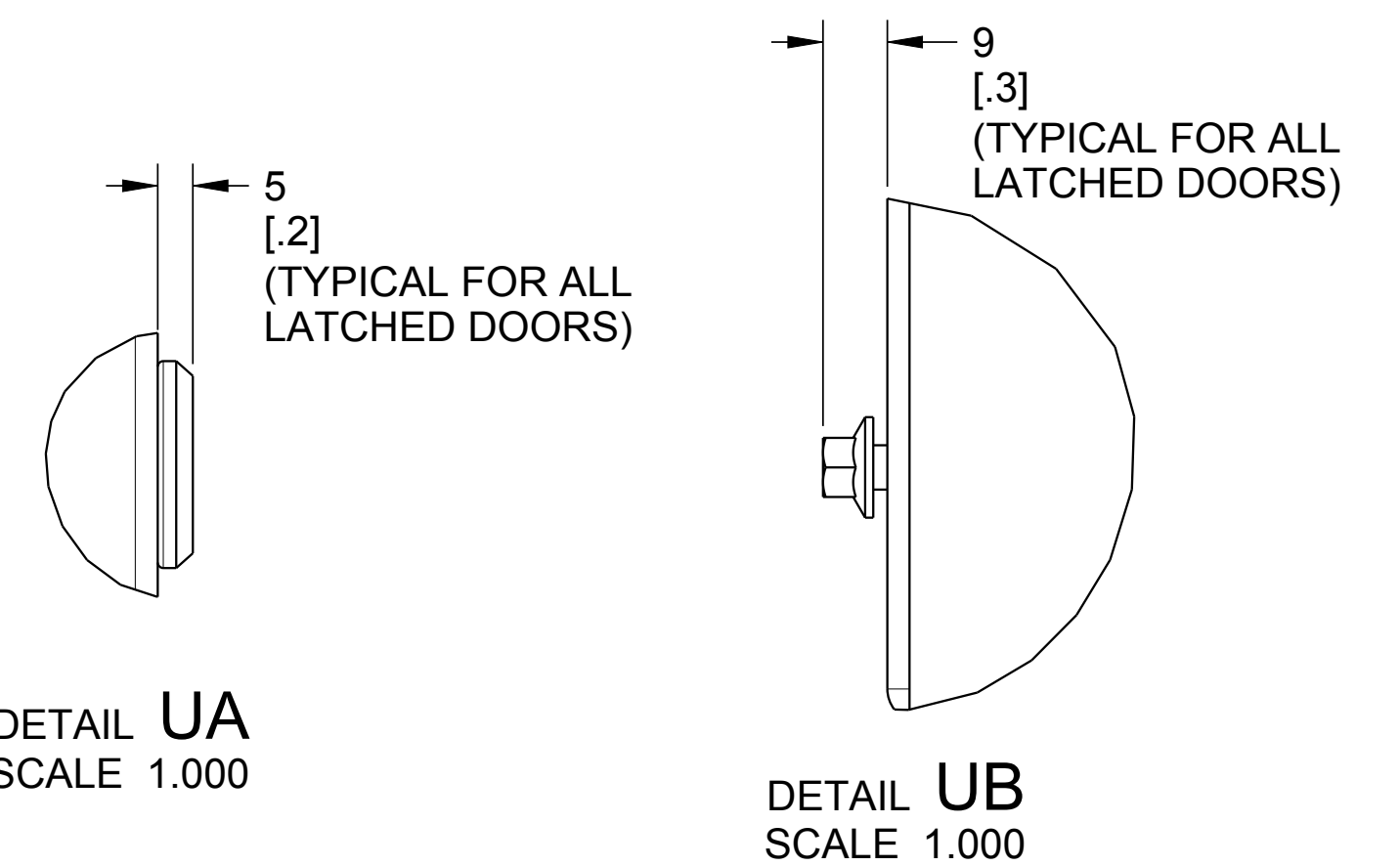
BOTTOM VIEW



LEFT VIEW

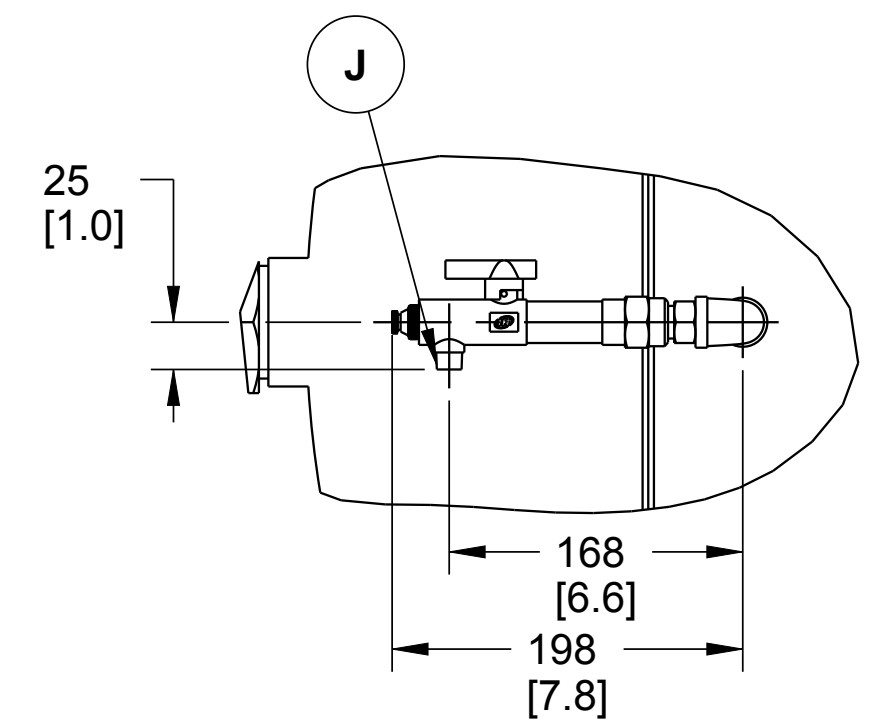


DETAIL UD
SCALE 0.300

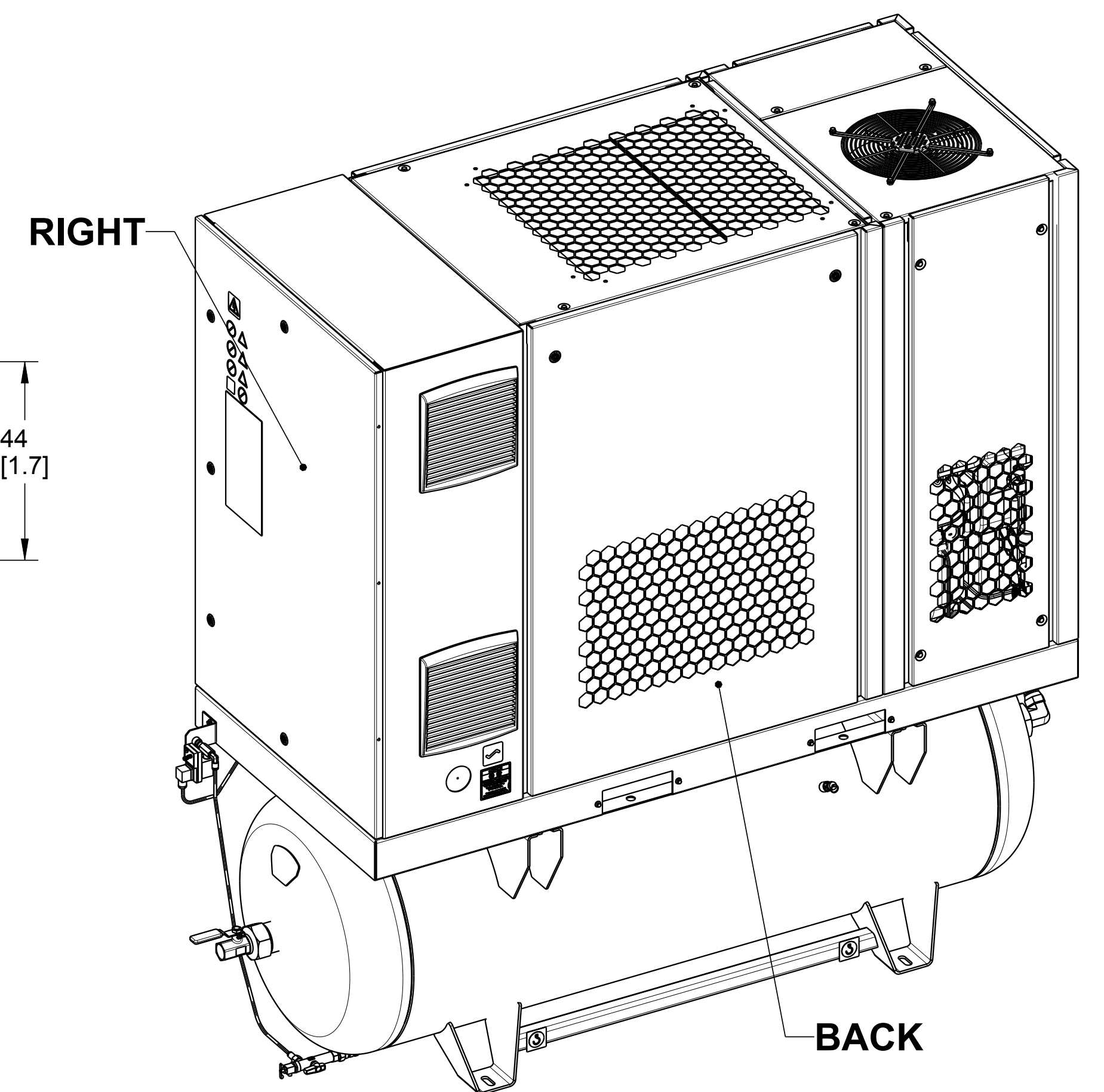


DETAIL UA
SCALE 1.000

DETAIL UB
SCALE 1.000



VIEW UE
APPLICABLE FOR MANUAL DRAIN



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SIZE	DWG NO.	PART NO.	REVISION
A1	47637549001		A
SCALE 0.13	NOMENCLATURE		SHEET 9 OF 9