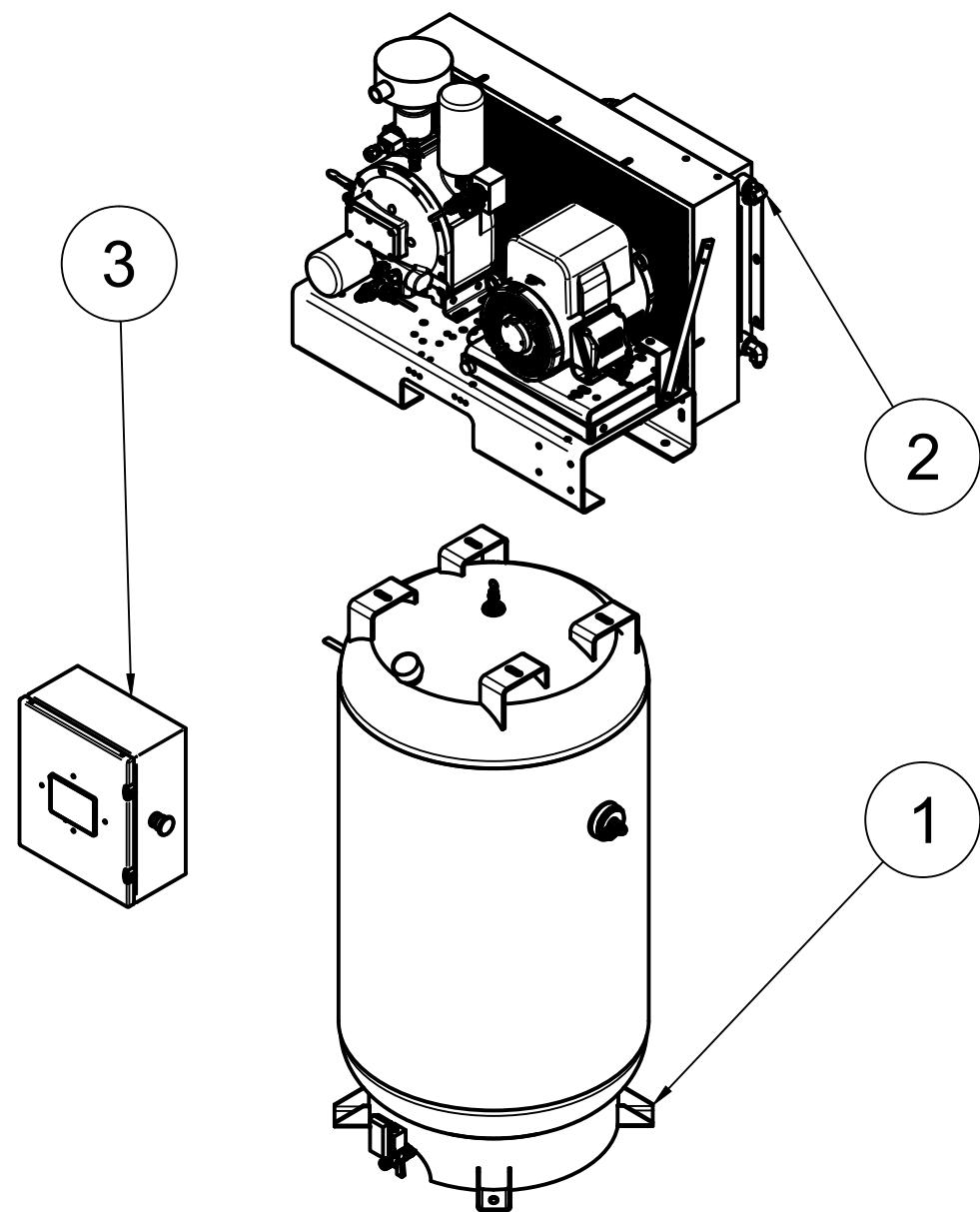
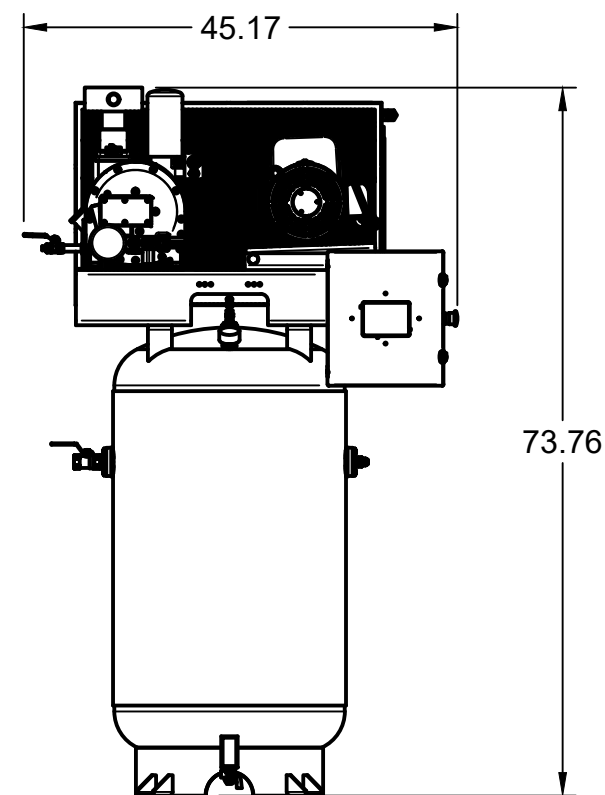
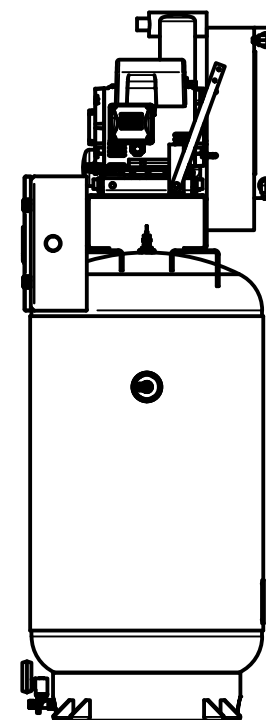
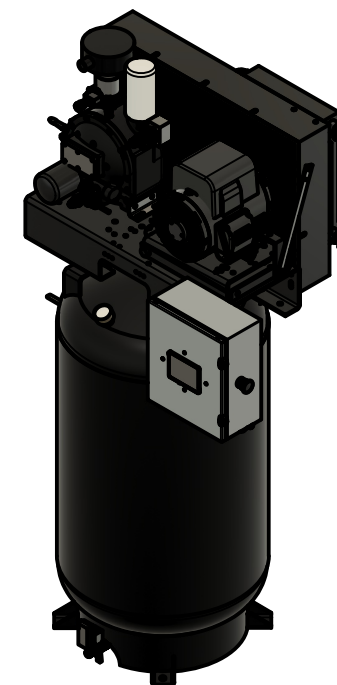


TOP VIEW



FRONT VIEW



SIDE VIEW

PARTS LIST

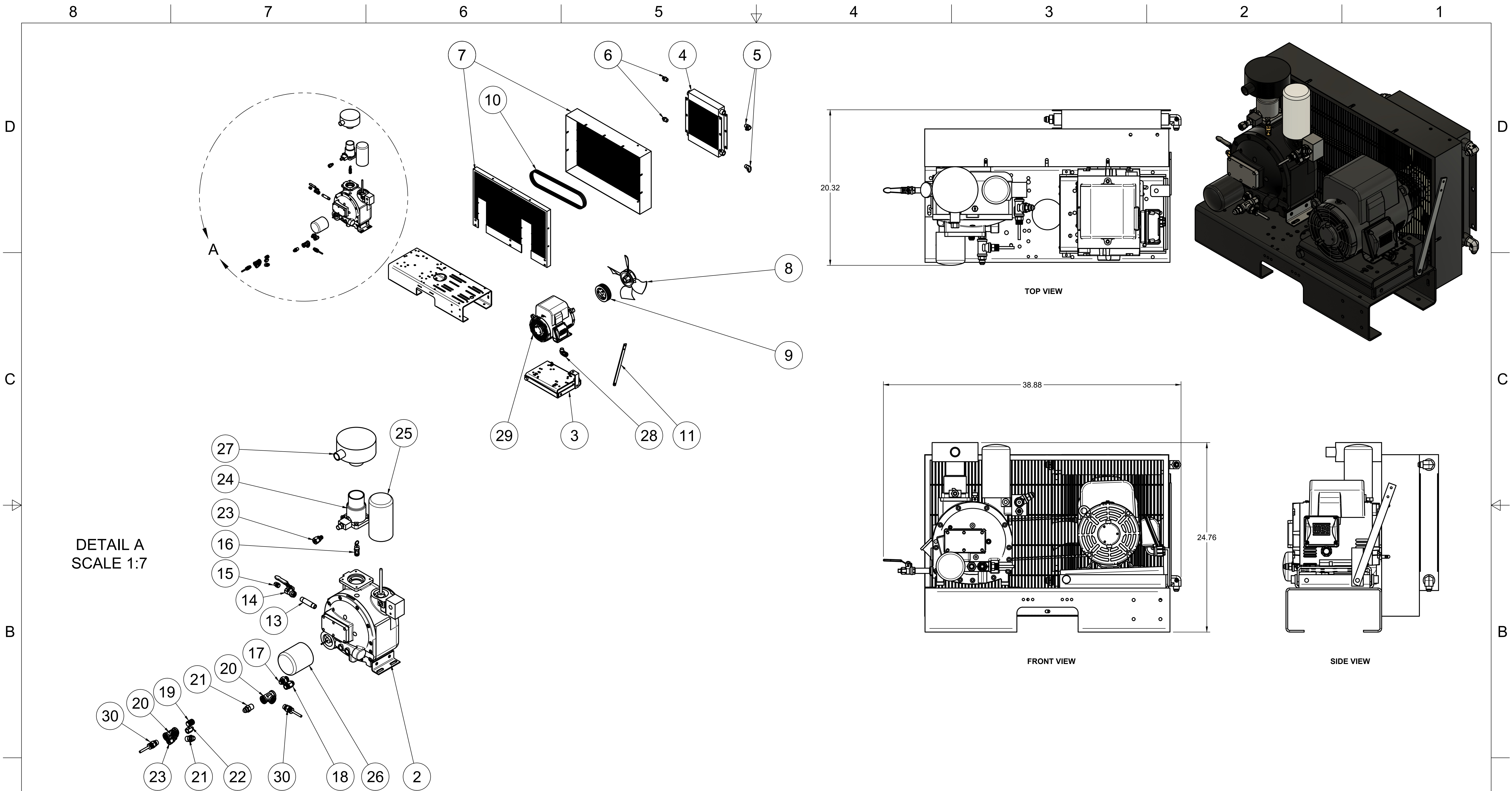
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	IAT-T80VRSE	80 GALLON VERT SCREW ELITE
2	1	IAT-RS51E3-24V	5 HP 3P RS3 24V SKID ASSEMBLY
3	1	IAT-RSPNL5-230-1-HMI	5HP 208-230/1/60 RS HMI PNL

TANK DISCHARGE
OUTLET SIZE: 3/4"

TOLERANCES:	
.X = 0.01 .XX = 0.001 .XXX = 0.0001	
REV:	0
SHEET:	1/3



SCALE:	1:20	ASSEMBLY:	CAS-RS51V83-S
		DESCRIPTION:	5HP 1P RS3 HMI UNIT
		DRAWN BY:	SEAN BANCOD
		DATE:	6/27/2025
		OWNER:	Compressed Air Systems
Unless specified, dimensions are in inches			
Property of CAS, do not alter, copy or distribute without prior consent.			



DETAIL A
SCALE 1:7

PARTS LIST				PARTS LIST				PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	IAT-TP32BKWR (CURRENT)	32IN TOP PLATE	11	1	IAT-1/8X1X14	STRAP BELT GUARD FOR SCREWS	21	2	IAT-2404-08-08	JIC1/2 STRAIGHT FITTING O-RING
2	1	IAT-RS3	5-15HP ENCAPSULATED AIREND	12	1	IAT-PF1/2X3/8REDUCE	1/2" X 3/8" BK REDUCE	22	1	IAT-5405-02-04	1/8 X 1/4 ADAPTER
3	1	IAT-184-215TMP	184-215T MOTOR PLATE	13	1	IAT-PF3/8X3NIPPLE	3/8" X 3 NIPPLE	23	2	IAT-BC-2404-08-04	1/4 NPT X 1/2 BC FITTING
4	1	IAT-R-14366	OIL COOLER 5-10 HP	14	1	IAT-716113	3/8" BALL VALVE	24	1	IAT-RS3-IVC-2	RS3 COMPLETE INLET VALVE 24VD
5	2	IAT-2501-08-12-O	3/4 MP X 1/2 M JIC 90 DEG R IN	15	1	IAT-PF3/8"BLK PLUG	3/8" GALVANIZED PLUG	25	1	IAT-SE-1	NK30/31/40/60 SEPARATOR
6	2	IAT-2404-08-12-O	3/4MP X 1/2 M JIC STRAIGHT OR	16	1	IAT-ST25-215	SAFETY VALVE 215 PSI	26	1	IAT-OF1	NK30/31/40, EVO1/2, GCU11 O/F
7	1	IAT-BG5X18X32X10G-V2	BELT GUARD 11-15 HP GAS NEW 1-	17	1	IAT-BPP-MJ2404-08-06	3/8 M BPP X 1/2 M JIC	27	1	IAT-RS3-ODM-INTAKE	AIR FILTER HOUSING RS3
8	1	IAT-020028C441	RS FAN 1-1/8 HUB	18	1	IAT-BPP-MP-5404-06-8	3/8 M BPP X 1/2 M JIC	28	1	IAT-4972NM	3/4X3/4 90 CONN FOR 10 SEOPRE
9	2	IAT-3-3V530	3 GROOVE 5.3 INCH PULLEY	19	1	IAT-PF1/2" CL	1/2" CLOSE NIPPLE GALV	29	1	IAT-EM-5-1-170	5HP 1 PHASE 1750 MOTOR
10	1	IAT-3R3VX500	3VX 3 GROOVE BANDED BELT	20	2	IAT-1/2TEE BKPIPE	1/2" TEE GALV PIPE	30	2	IAT-RTD-SS-1/2-10	1/2" STAINLESS RTD

TOLERANCES:
.X = 0.01
.XX = 0.001
.XXX = 0.0001

REV: 0
SHEET: 2/3

SUBASSEMBLY: IAT-RSS1E3-24V

ASSEMBLY: CAS-RS51V83-S

DESCRIPTION: 5 HP 1P RS3 24V SKID ASSEMBLY

DRAWN BY: SEAN BANCOD

DATE: 6/27/2025

OWNER: Compressed Air Systems

Unless specified, dimensions are in inches

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D

C

B

A

4

3

2

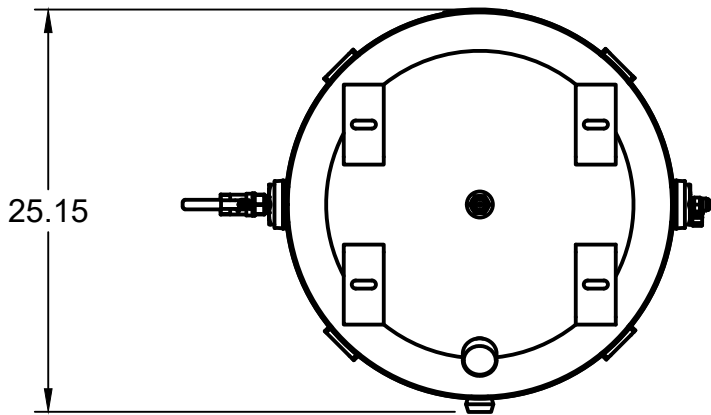
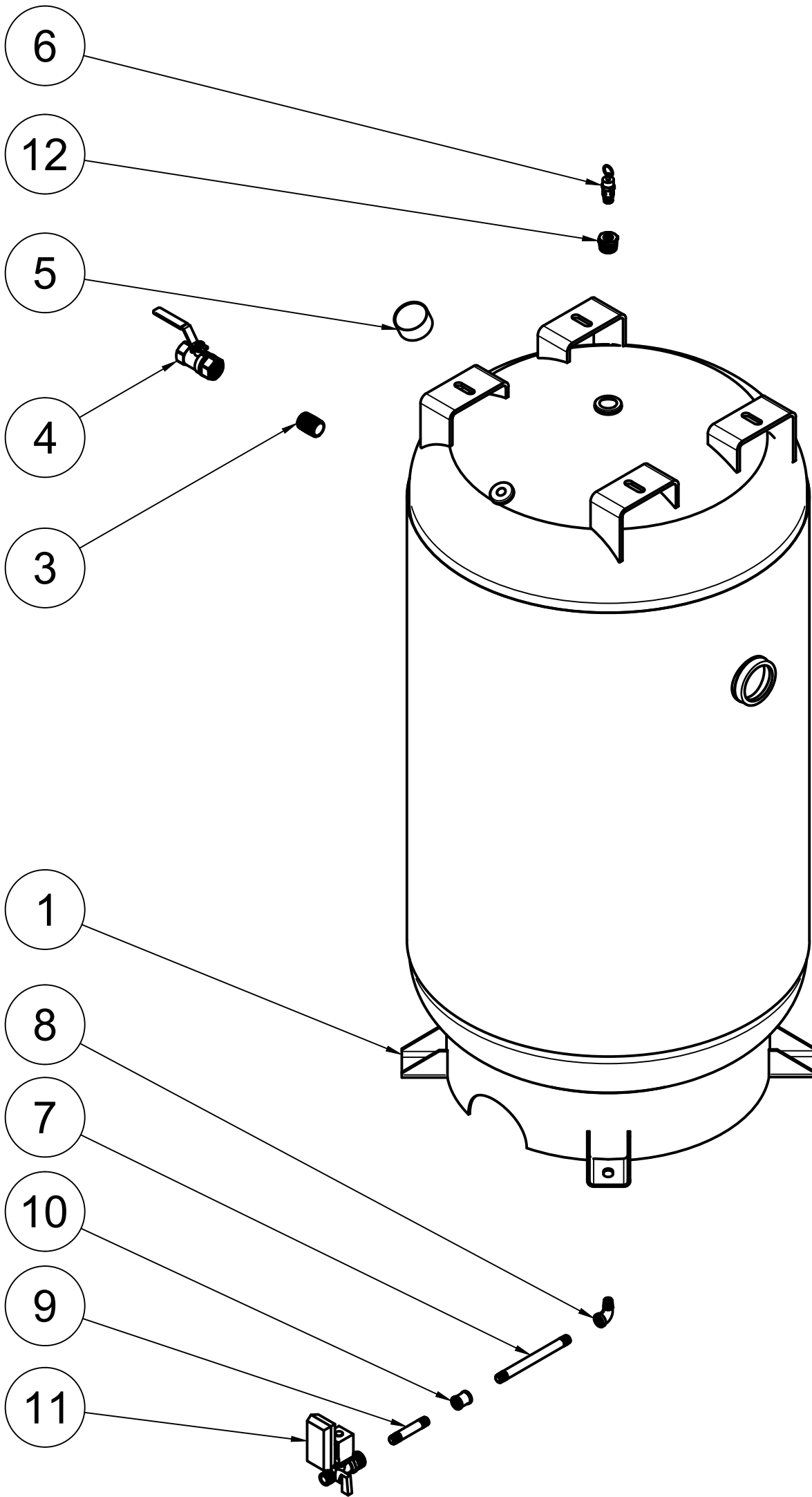
1

D

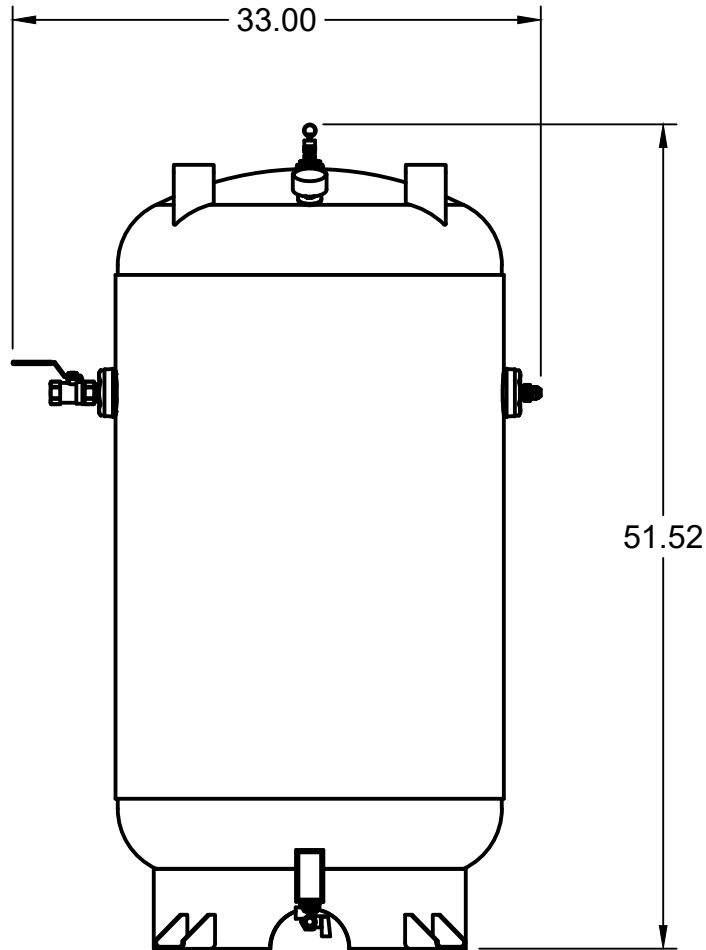
C

B

A



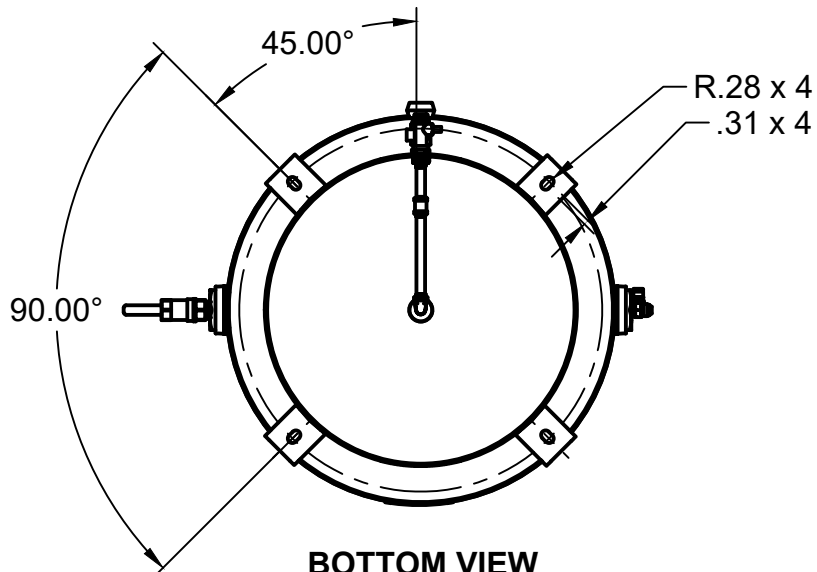
TOP VIEW



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

PARTS LIST				PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	IAT-80VNTPBKWR	80 GALLON BLACK TANK	9	1	IAT-PF1/4X3NIPPLE	1/4" X 3" NIPPLE
3	1	IAT-PF3/4"CL	3/4" CLOSE NIPPLE BL	10	1	IAT-PF1/4COUPLING	1/4 COUPLING
4	1	IAT-716116	BALL VALVE 3/4	11	1	IAT-ET2523	TIMED AUTO DRAIN
5	1	IAT-PSB20	AIR GAUGE BACK MT 1/4	12	1	IAT-PF3/4X1/4REDUCE	3/4X1/4 REDUCER GAL
6	1	IAT-ST25-200	SAFETY VALVE 200 PSI	13	1	IAT-2404-08-08-H	1/2MP X 1/2M JIC STR WITH 1/4
7	1	IAT-PF1/4X6NIPPLE	1/4" X 6 NIPPLE	14	1	IAT-BPC-2404-06-04	1/4 P X 3/8 COMP PUSH LOK ST
8	1	IAT-PF1/4" STR 90 B	1/4" STREET 90 GALV				

TOLERANCES:	
.X = 0.01	
.XX = 0.001	
.XXX = 0.0001	
REV:	0
SHEET:	3/3

SUBASSEMBLY: IAT-T80VRSE		ASSEMBLY: CAS-RS51V83-S	
		DESCRIPTION:	80 GALLON VERT SCREW ELITE
		DRAWN BY:	SEAN BANCOD
		DATE:	6/27/2025
		OWNER:	Compressed Air Systems
Unless specified, dimensions are in inches			
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