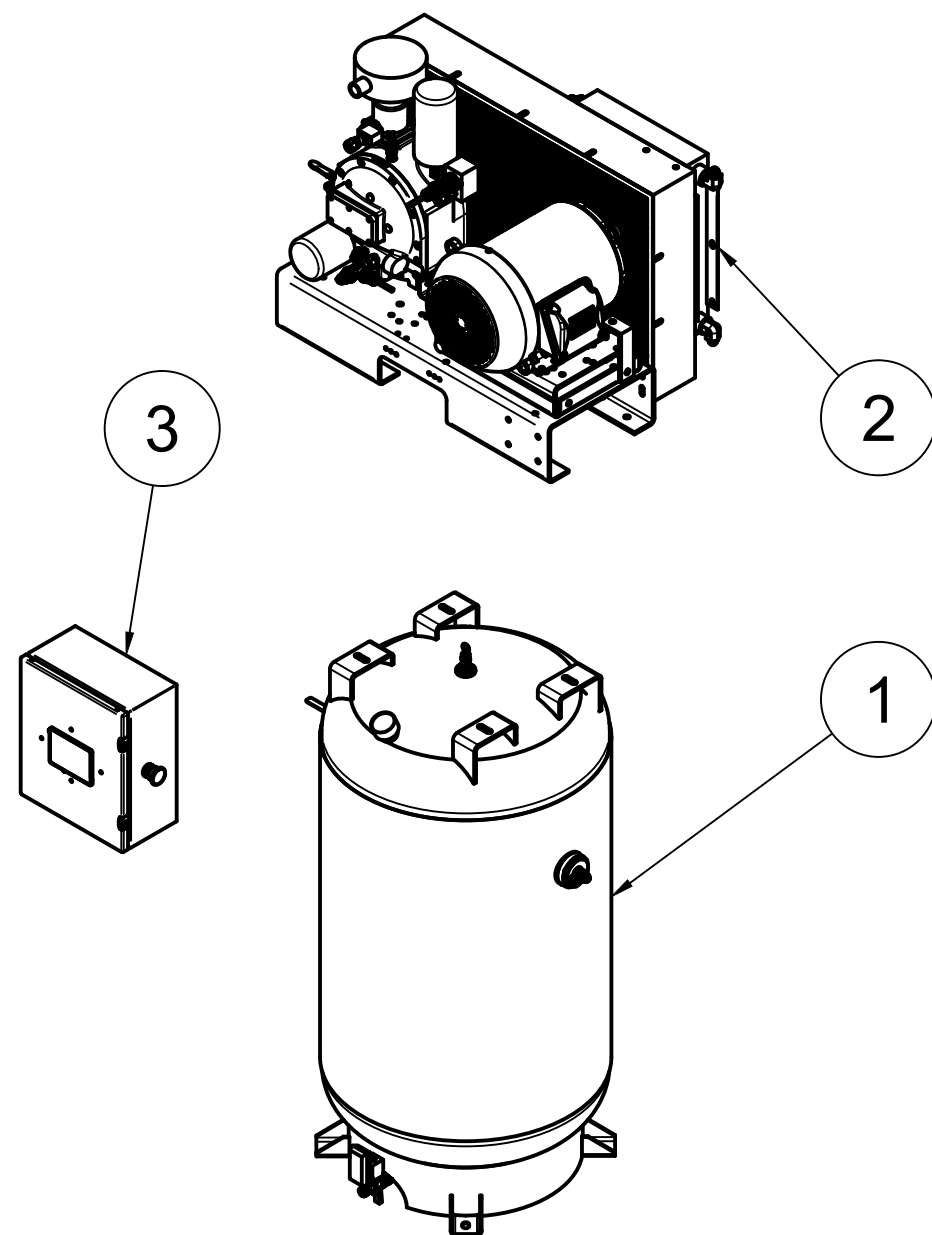
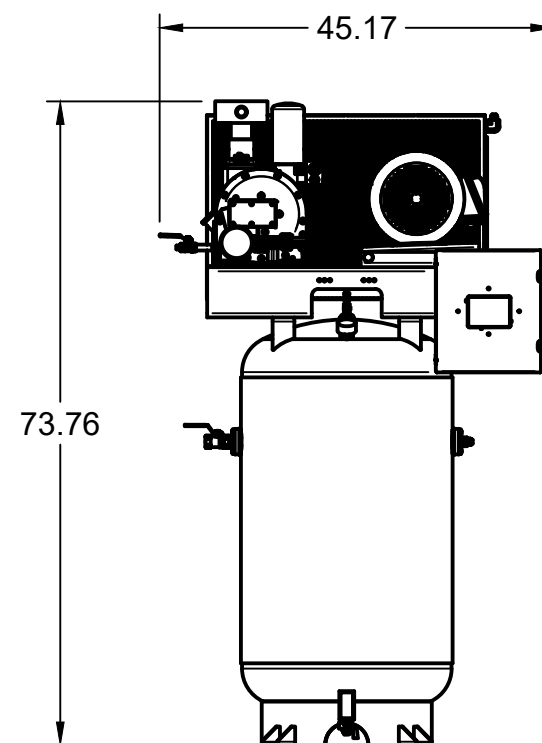
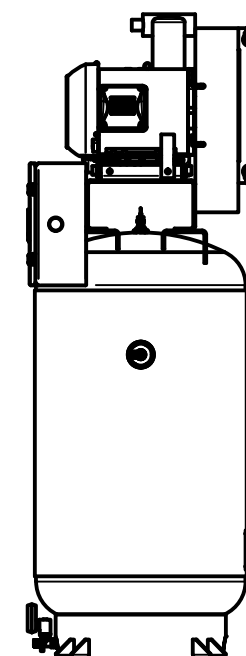
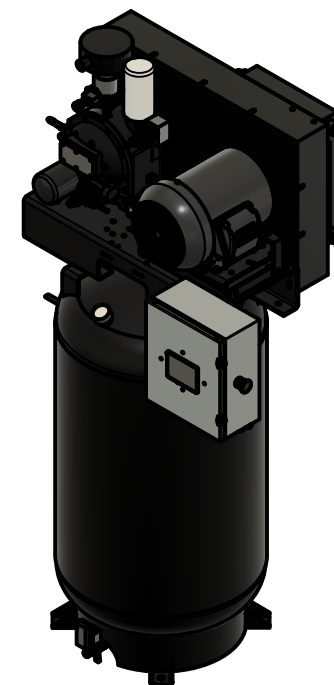


TOP VIEW



FRONT VIEW



SIDE VIEW

PARTS LIST

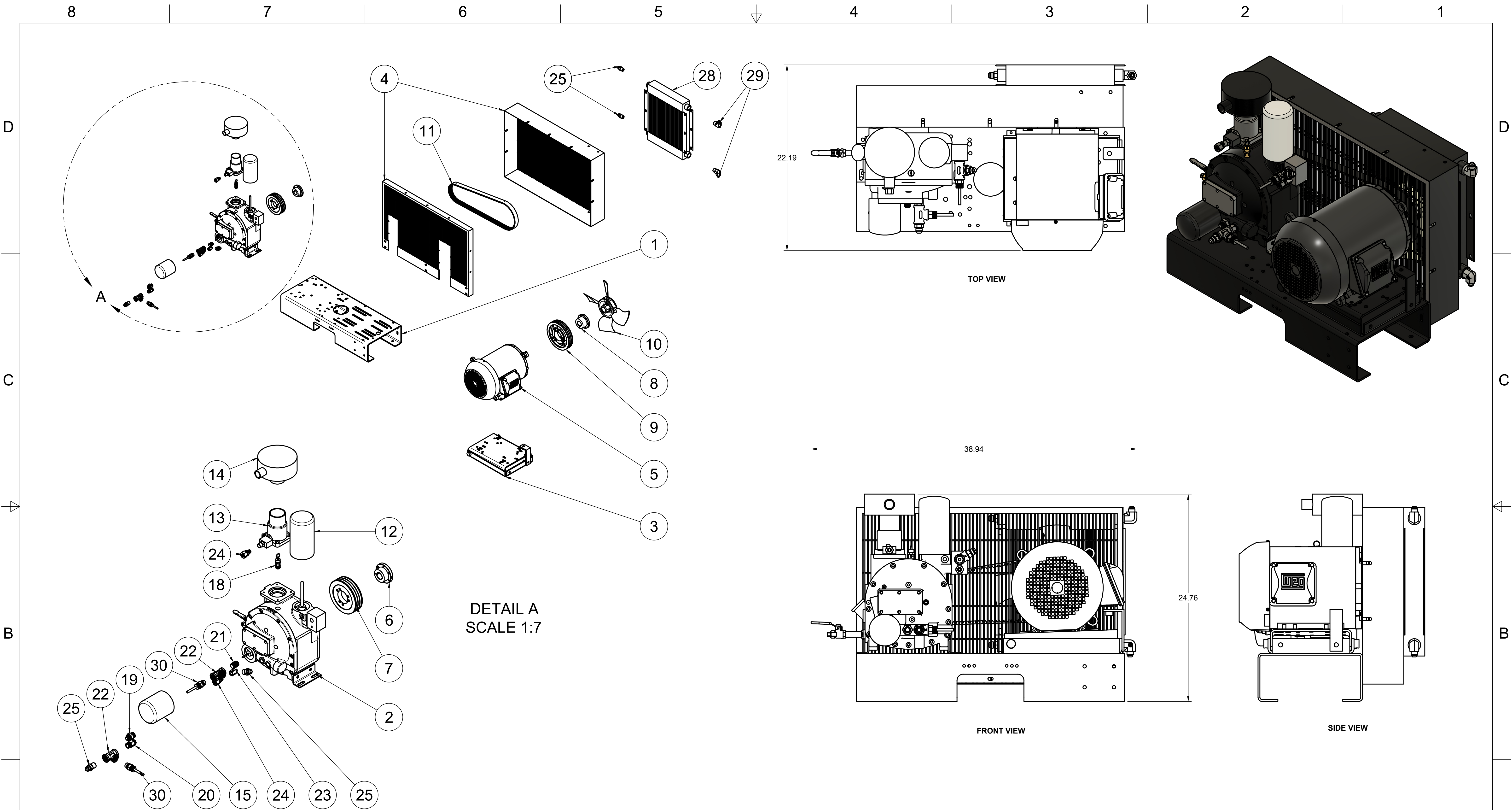
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	IAT-T80VRSE	80 GALLON VERT SCREW ELITE
2	1	IAT-RS71E3-24V	5 HP 3P RS3 24V SKID ASSEMBLY
3	1	IAT-RSPNL7102301HMI	5HP 208-230/1/60 RS HMI PNL

TANK DISCHARGE
OUTLET SIZE: 3/4"

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



SCALE:	1:22	ASSEMBLY:	CAS-RS71V83-S
		DESCRIPTION:	7.5HP 1P RS3 HMI ROTARY SCREW
		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-3R3VX560	3 RIB 3VX BELT FOR ROTARY	21	1	IAT-PF1/2" CL	1/2" CLOSE NIPPLE GALV
2	1	IAT-RS3	5-15HP ENCAPSULATED AIREND	12	1	IAT-SE-1	NK30/31/40/60 SEPARATOR	22	2	IAT-1/2TEE BKPIPE	1/2" TEE GALV PIPE
3	1	IAT-184-215TMP	184-215T MOTOR PLATE	13	1	IAT-RS3-IVC-2	RS3 COMPLETE INLET VALVE 24VD	23	1	IAT-5405-02-04	1/8 X 1/4 ADAPTER
4	1	IAT-BG5X18X32X10G-V2	BELT GUARD 11-15 HP GAS NEW1	14	1	IAT-RS3-ODM-INTAKE	AIR FILTER HOUSING RS3	24	2	IAT-BC-2404-08-04	1/4 NPT X 1/2 BC FITTING
5	1	IAT-EM-7.5-1-17O	7.5HP TEFC 1 PHASE 1750 RPM	15	1	IAT-OF1	NK30/31/40, EVO1/2, GCU11 O/F	25	4	IAT-2404-08-08	JIC1/2 STRAIGHT FITTING O-RING
6	1	IAT-SDS28MM	28MM HUB	16	1	IAT-PF1/2X3/8REDUCE	1/2" X 3/8" BK REDUCE	26	1	IAT-PF3/8X3NIPPLE	3/8" X 3 NIPPLE
7	1	IAT-3-3V560	3 GROOVE 5.6 INCH PULLEY	17	1	IAT-716113	3/8" BALL VALVE	27	1	IAT-PF3/8"BLK PLUG	3/8" GALVANIZED PLUG
8	1	IAT-SK13/8	PULLEY HUB	18	1	IAT-ST25-215	SAFETY VALVE 215 PSI	28	1	IAT-R-14366	OIL COOLER 5-10 HP
9	1	IAT-3-3V800	3 GROOVE 8 INCH PULLEY SK	19	1	IAT-BPP-MJ2404-08-06	3/8 M BPP X 1/2 M JIC	29	2	IAT-2501-08-12-O	3/4 MP X 1/2 M JIC 90 DEG R IN
10	1	IAT-026034C441	RS FAN 1-3/8 HUB PULLER	20	1	IAT-BPP-MP-5404-06-8	3/8 M BPP X 1/2 M JIC	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-RS71E3-24V

ASSEMBLY: CAS-RS71V83-S

DESCRIPTION: 7.5HP 1 PHASE RS3 24V SKID

DRAWN BY: SEAN BANCOD

DATE: 6/27/2025

OWNER: Compressed Air Systems

Unless specified, dimensions are in inches

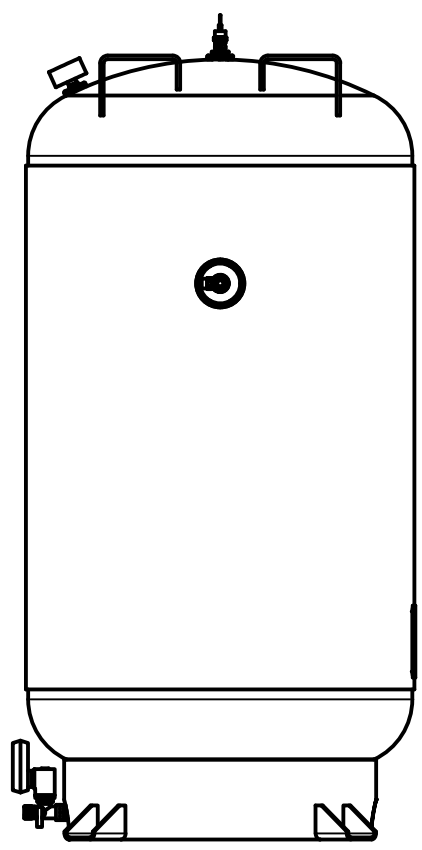
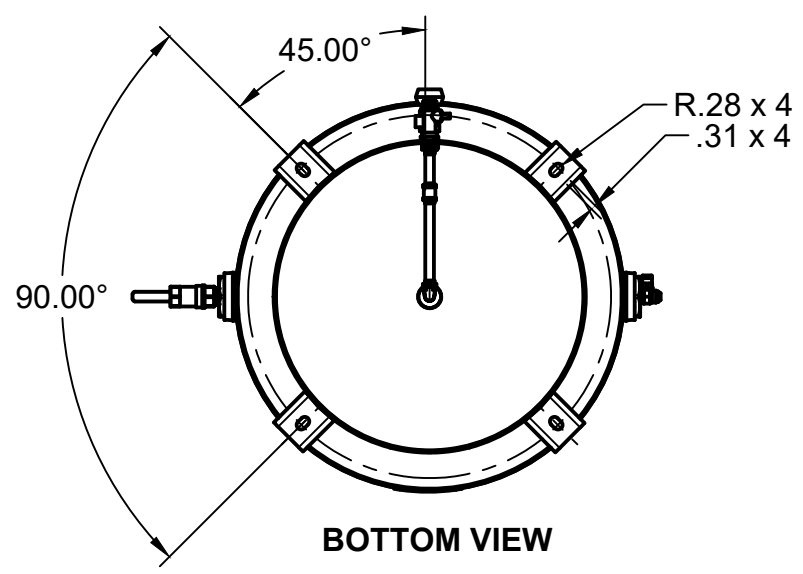
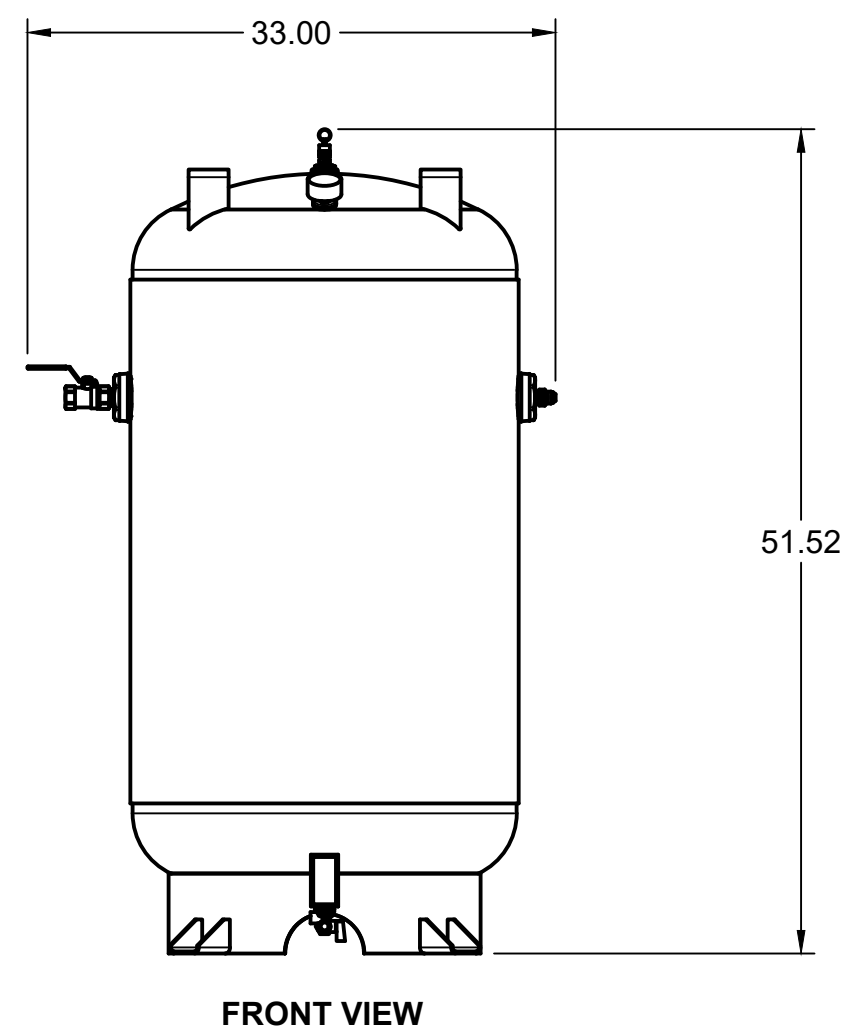
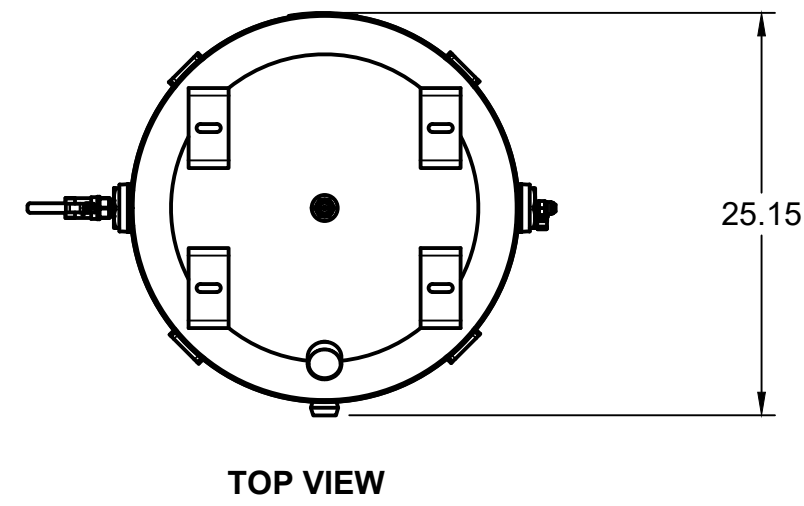
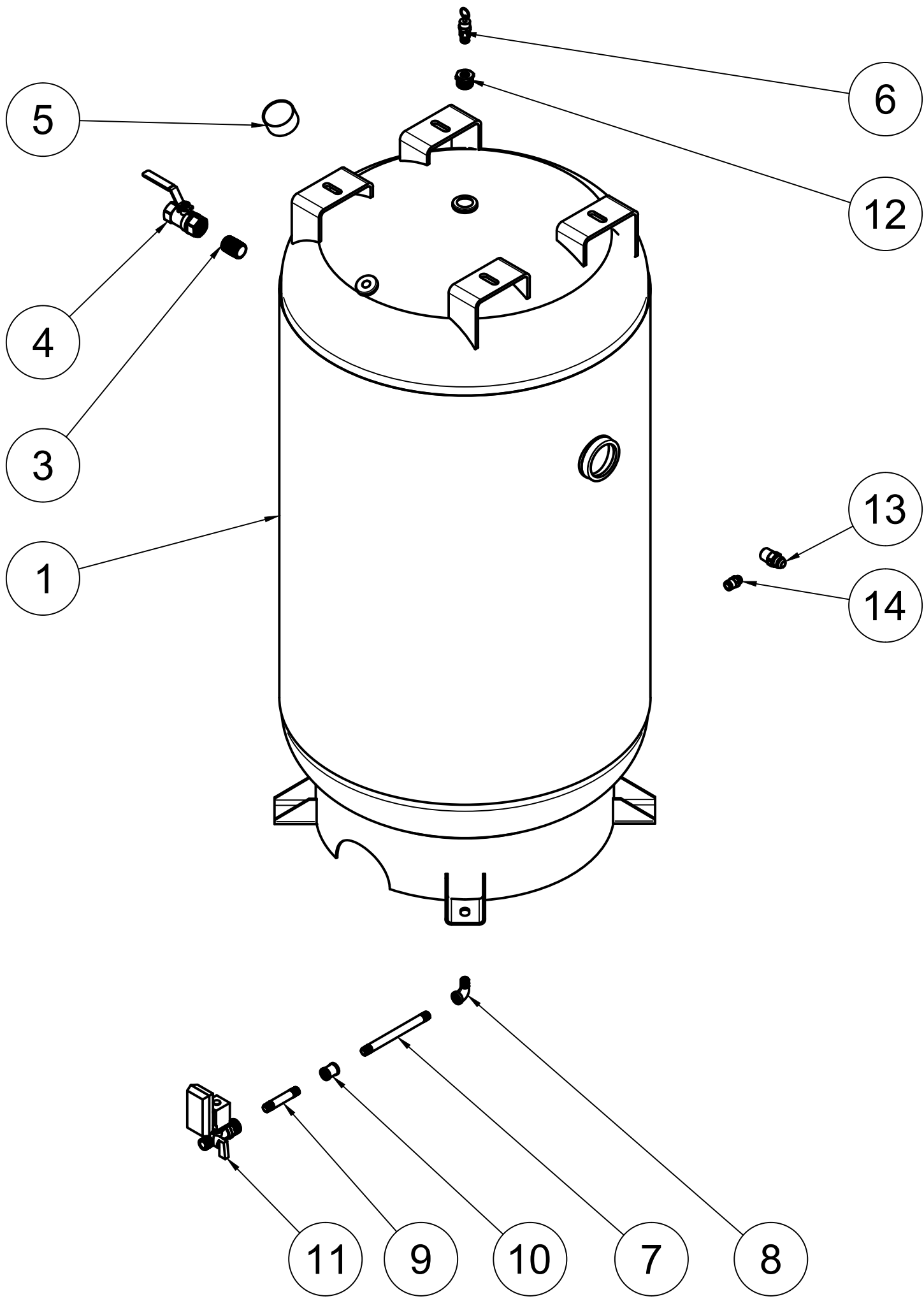
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D

C

B

A



SIDE VIEW

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	IAT-80VNTPBKWR	80 GALLON BLACK TANK
3	1	IAT-PF3/4"CL	3/4" CLOSE NIPPLE BL
4	1	IAT-716116	BALL VALVE 3/4
5	1	IAT-PSB20	AIR GAUGE BACK MT 1/4
6	1	IAT-ST25-200	SAFETY VALVE 200 PSI
7	1	IAT-PF1/4X6NIPPLE	1/4" X 6 NIPPLE
8	1	IAT-PF1/4" STR 90 B	1/4" STREET 90 GALV

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
9	1	IAT-PF1/4X3NIPPLE	1/4" X 3" NIPPLE
10	1	IAT-PF1/4COUPLING	1/4 COUPLING
11	1	IAT-ET2523	TIMED AUTO DRAIN
12	1	IAT-PF3/4X1/4REDUCE	3/4X1/4 REDUCER GAL
13	1	IAT-2404-08-08-H	1/2MP X 1/2M JIC STR WITH 1/4
14	1	IAT-BPC-2404-06-04	1/4 P X 3/8 COMP PUSH LOK ST

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

SUBASSEMBLY: IAT-T80VRSE

ASSEMBLY: CAS-RS71V83-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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