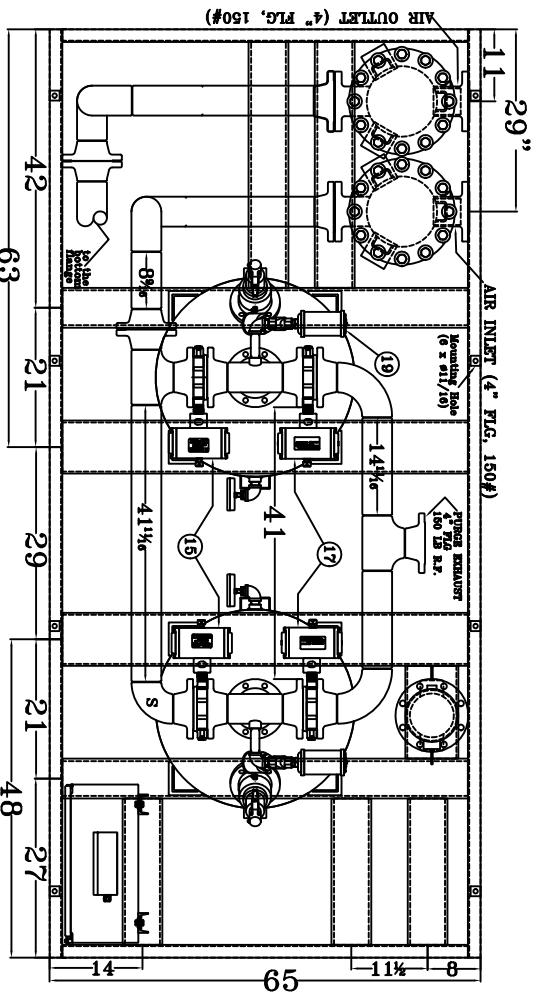
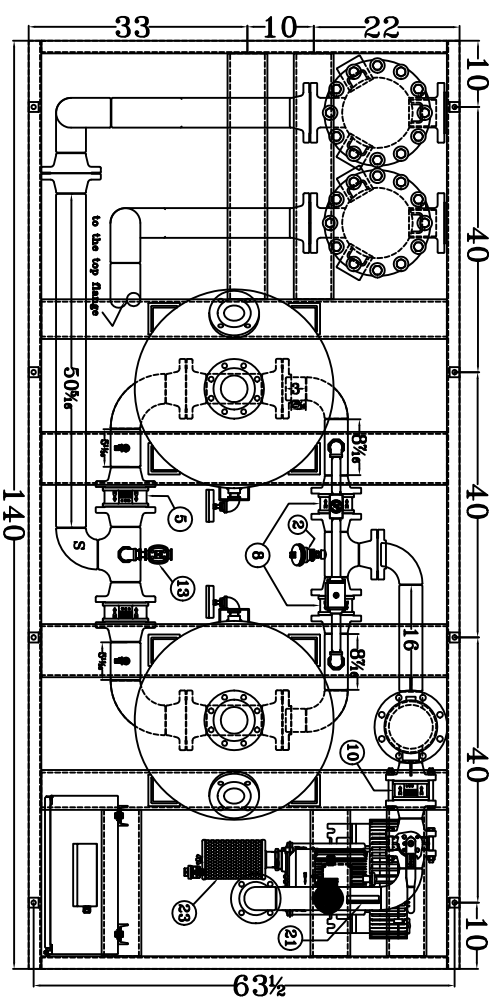


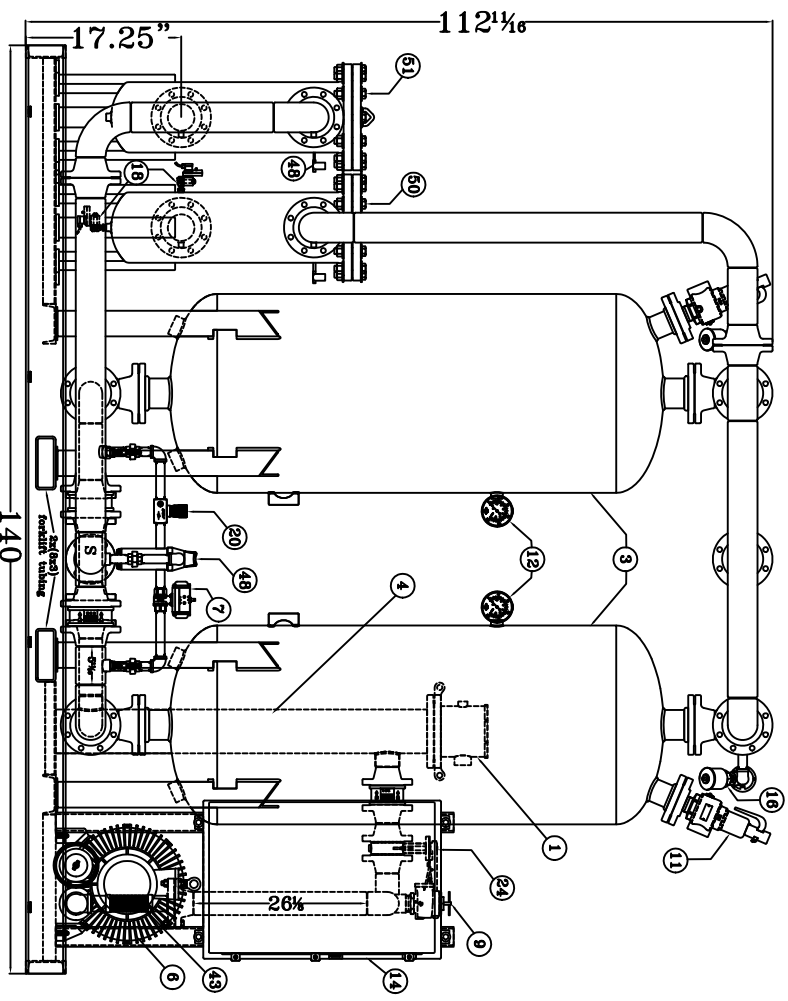
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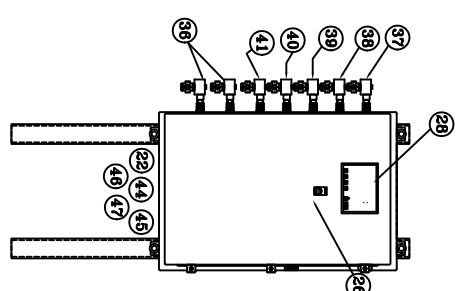
TOP VIEW OF UPPER PIPING



TOP VIEW OF LOWER PIPING



FRONT VIEW



ELECTRICAL ENCLOSURE IN DETAILS

ITEM QTY	DESCRIPTION
1	HEATER HOUSING
2	K TYPE THERMOCOUPLE FOR HEATER TEMPERATURE CONTROL/ PURGE AIR TEMP.
3	DESICCANT TOWER (450)
4	HEATER (400VAC-3PH-60HZ)
5	WATER STYLI OUTLET CHECK VALVE (4" FIG.)
6	BLOWER (400VAC-3PH-60HZ)
7	DEPRESSURIZATION VALVE (1" NPT)
8	PURGE CHECK VALVE (3" FIG.)
9	BLOWER PRESSURE RELIEF VALVE (2" NPT)
10	BLOWER SAFETY CHECK VALVE (3" FIG.)
11	TOWER PRESSURE RELIEF VALVE (2" NPT; SET@150PSIG)
12	TOWER PRESSURE GAUGE (0-200 PSIG)
13	CONTROL AIR FILTER (1/2" NPT)
14	ELECTRICAL ENCLOSURE (10-24X36)
15	INLET VALVE (4" FIG. DOUBLE ACTING ACTUATOR)
16	PRESSURE RELIEF VALVE (1" NPT; PISTON TYPE)
17	PURGE EXHAUST VALVE (4" FIG. SPRING RETURN ACT.)
18	PRE-FILTER TIMER DRAIN VALVE (1/2" NPT)
19	DEPRESSURIZATION MUFFLER (1" NPT)
20	DEPRESSURIZATION ADJUSTMENT VALVE (1" NPT)
21	PRESSURE GAUGE FOR BLOWER (1-15 PSIG)
22	BLOWER SAFETY PRESSURE SWITCH (NOT SHOWN)
23	BLOWER INTAKE FILTER SILENCER (2" NPT)
24	BLOWER ISOLATION VALVE (3" FIG.)
25	DEPOINT MONITOR (OPTIONAL)
26	E-STOP SWITCH VIA TOUCH SCREEN
27	ON/OFF SWITCH VIA TOUCH SCREEN
28	PLC DISPLAY
29	DEMAND CYCLE CONTROL ACTIVE
30	DRY AIR COOLING ACTIVE
31	ALARM INDICATOR MONITOR DISPLAY
32	ALARM RESET VIA TOUCH SCREEN MONITOR
33	HEATER TEMPERATURE CONTROLLER
34	HEATER HIGH TEMPERATURE SET POINT VIA TOUCH SCREEN MONITOR
35	INLET PILOT SOLENOID VALVES
36	LEFT TOWER PURGE EXHAUST PILOT SOLENOID
37	RIGHT TOWER PURGE EXHAUST PILOT SOLENOID
38	LEFT TOWER DEPRESSURIZATION PILOT SOLENOID
39	RIGHT TOWER DEPRESSURIZATION PILOT SOLENOID
40	MANUAL/AUTOMATIC SWITCH
41	MANUAL/AUTOMATIC SWITCH
42	BLOWER FLEX CONNECTOR (2" NPT)
43	LEFT TOWER LOW PRESSURE SWITCH (NOT SHOWN)
44	LEFT TOWER HIGH PRESSURE SWITCH (NOT SHOWN)
45	RIGHT TOWER LOW PRESSURE SWITCH (NOT SHOWN)
46	RIGHT TOWER HIGH PRESSURE SWITCH (NOT SHOWN)
47	PRESSURE DIFFERENTIAL INDICATOR
48	PRE-FILTER (4" FIG.)
49	AFTER-FILTER (4" FIG.)
50	
51	

SPECIFICATIONS:
 DESICCANT TYPE: 69/10⁶ ACTIVATED ALUMINA
 APPROXIMATE WEIGHT OF UNIT INCLUDING DESICCANT: 850LBS
 MAXIMUM ALLOWABLE WORKING PRESSURE: 150 PSIG
 MAXIMUM TOWER DESIGN TEMPERATURE: 450 °F
 DRYING AIRFLOW: DOWNDRAFT
 REGENERATING AIR FLOW: UPDRAFT

TOLERANCES U.O.S	FINISH:
DIMENSIONS ARE IN INCHES	<input type="checkbox"/> AS CAST UNLESS NOTED
ALL DIMENSIONS: ±1/16	<input type="checkbox"/> UNLESS NOTED
ANGULAR DIMENSION: ±1.0°	
HOLE DIAMETER: ±0.03	

THIRD ANGLE PROJECTION DO NOT SCALE DRAWING	NANO
SIZE CLASS CODE	DWG No
C 31654	NBP-2500-M2
SCALE NONE	WEIGHT 850LBS
	SHEET 1 of 1

PROJ CODE/DRAWN BY	DATE
X01Q SA	04-03-14