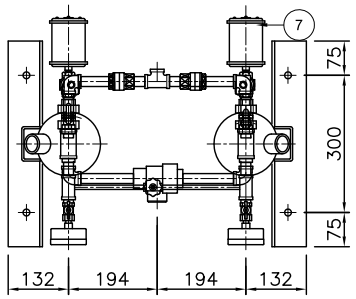
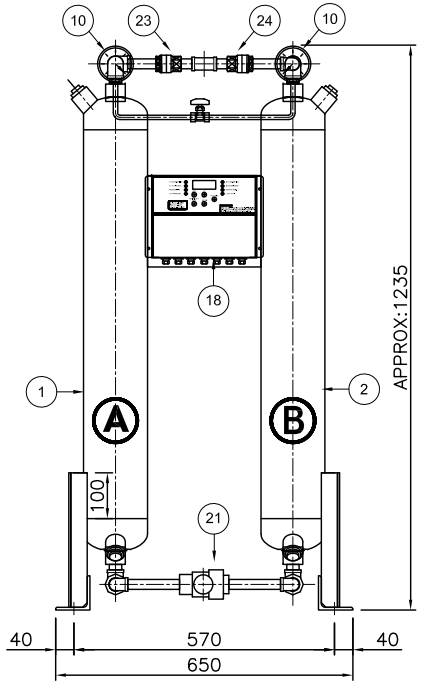
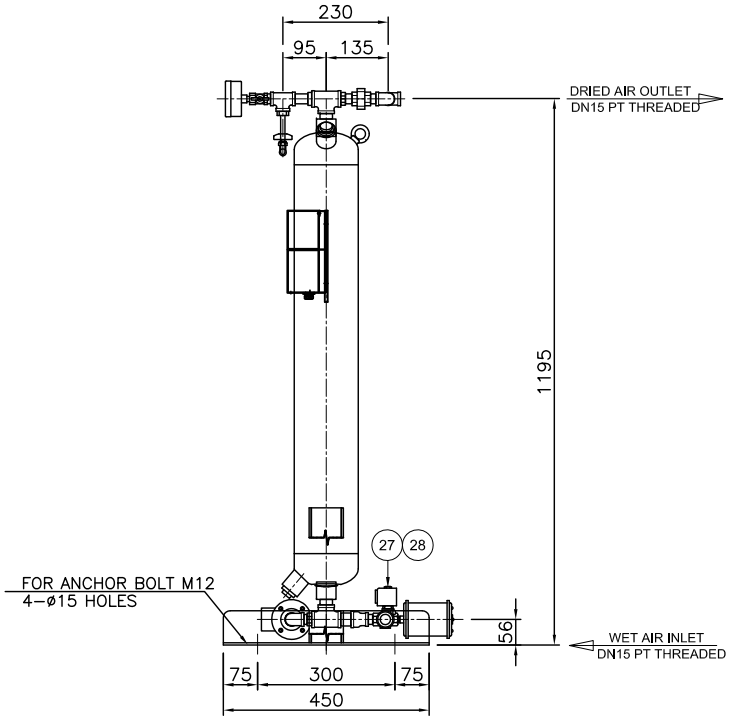
ECN No.	SYM	REVISION	DATE	REVISOR	APPROVED
	1				
	2				







No.	DESCRIPTION
1	DESICCANT CHAMBER(L.T)
2	DESICCANT CHAMBER(R.T)
3	
4	
5	
6	
7	PURGE SILENCER
8	DESICCANT SCREEN
9	PRESSURE SAFETY VALVE
10	DESICCANT CHAMBER PRESSURE GAUGE
11	-
12	-
13	PURGE ADJUSTING VALVE
14	
15	
16	
17	
18	ELECTRICAL ENCLOSURE
19	
20	
21	AIR INLET 3-WAY SHUTTLE VALVE
22	
23	AIR OUTLET CHECK VALVE(L.T)
24	AIR OUTLET CHECK VALVE(R.T)
25	-
26	-
27	PURGE VALVE W/ACTUATOR(L.T)
28	PURGE VALVE W/ACTUATOR(R.T)
29	
30	
31	
32	

HEATLESS AIR DRYER SPECIFICATION	
PROCESS	: COMPRESSED AIR
CAPACITY	: 36 Nm³/hr
OPERATING PRESSURE	: 7.0 kg/cm²
OPERATING TEMPERATURE	: 38°C (Max.40°C)
DESIGN PRESSURE	: 9.9 kg/cm²
OUTLET DEW POINT	: -40°C at atm
NORMAL PURGE	: 5.4 Nm³/hr
PURGE CONTROL SET	: 3.0 kg/cm²
POWER SUPPLY	: 220V- 1Ph- 60Hz
CONTROL POWER	: 220V- 1Ph- 60Hz
ELECTRICALS	: NEMA-1
NEMA CYCLE	: 10 min
DRYING	: 5 min
REGENERATION	: 4 min
PRESSURIZING	: 1 min
CORROSION ALLOWANCE	: +1.0mm(VESSELS)
DESICCANT (ø4~ø6)	: 15kg/2Towers
PACKAGE TOTAL WEIGHT	: 57 kg

MARK	PARTS	PARTS NO.	Q'TY	MATERIAL	DESCRIPTION	WEIGHT

APP. S. LEE	SCALE N:A	SMD KOREA.CO.,LDT KOREA	
CHK. J.P.KIM	SIZE A3	DWG. NAME DESICCANT AIR DRYER (Heatless Purge Type) SAD-5 OUTSIDE DWG.	
DRW. J.P.KIM	REF.DWG.NO.		
DATE 2015.09.15	UNIT mm	DWG. NO. SK-SH005-001-0	SHEET 1/1