











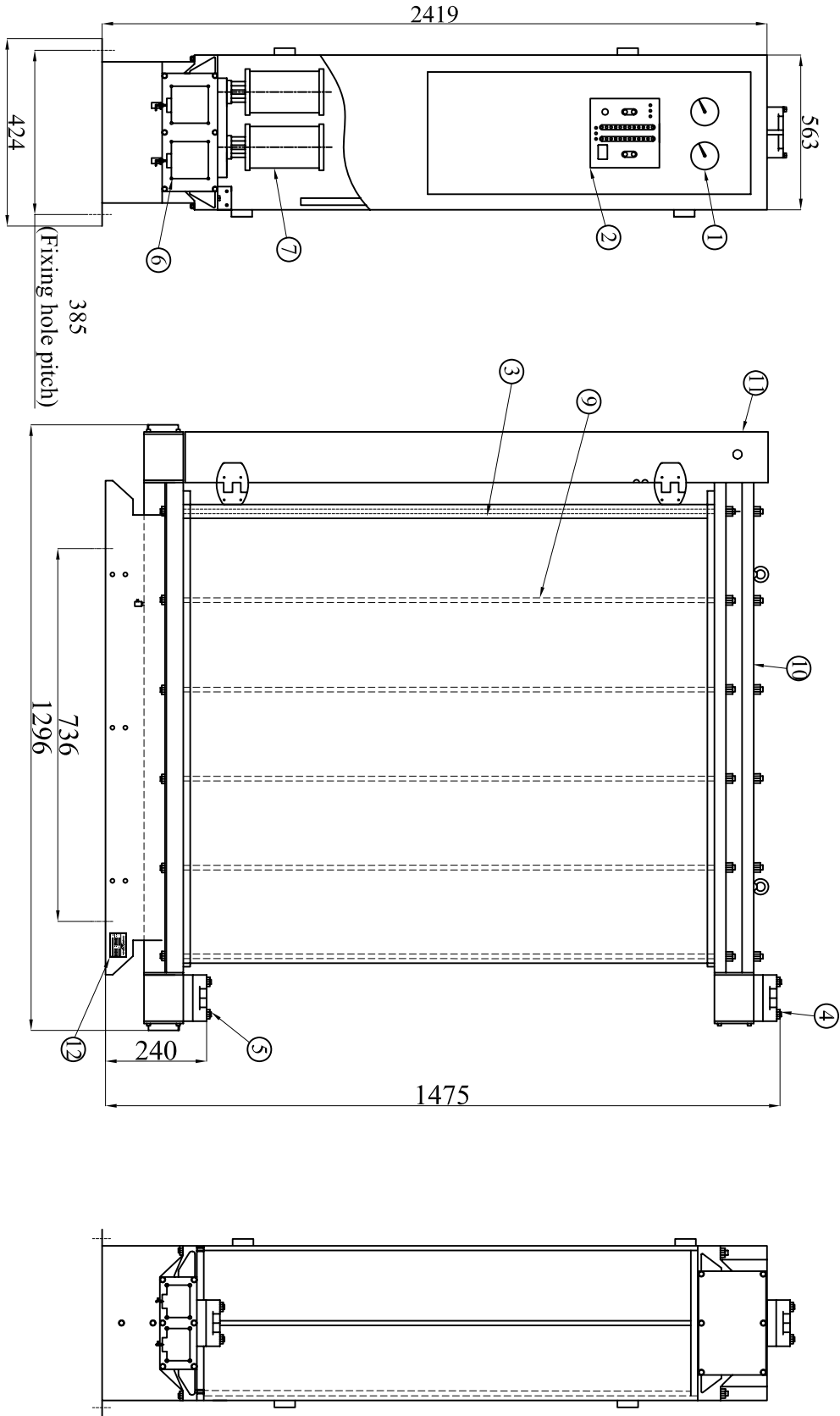


DIMIN	OVER	-	6	30	120	315	1000	2000	>4000	ROUGHNESS SYMBOL																											
	UP TO & INCL	6	30	120	315	1000	2000	4000		ROUGHNESS VALUE Ra μm	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12															
	TOLERANCE	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2			± 3	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50														

F/DSN/002



TEST STANDARD
ASME SEC - VIII DIV 1

SPECIFICATION		PED 97 / 23 / EC .CATAGORY : IV	
1. FLUID	:	AIR	
2. INLET CONDITION	:	700 cfm	
FLOW RATE	:	45°C	
TEMPERATURE	:	7-12.5 kg/cm²(g)	
PRESSURE	:	100 %	
RELATIVE HUMITITY	:	595 cfm	
3. OUTLET CONDITION	:	45°C	
FLOW RATE	:	0.15 kg/cm²(g)	
TEMPRRATURE	:	-40°C Activated alumina	
PRESSURE DROP	:	-60°C molecular sieves	
DEW POINT	:	14 kg/cm²(g)	
4. DESIGN PRESSURE	:	12.5 kg/cm²(g)	
5. MAX INLET PRESSURE	:	50°C	
6. DESIGN TEMPERATURE	:	70% (panel box)	
7. JOINT EFFICIENCY	:	21 kg/cm²(g)	
8. TEST DATA	:	WATER	
HYD TEST PRESSURE	:	AMBIENT(25°C)	
MEDIUM	:	30	
TEMPERATURE	:	VERTICAL	
DURATION IN MIN	:	230v, 1Ph, 50Hz	
AXIS	:	A - Activated alumina	
9. ELECTRICAL	:	B - Molecular sieves	
10. MODEL VARIENT	:		

12.	NAME PLATE	1	7530 06	0	
11.	PANEL BOX	1	6931 56	0	ASME SA1008
10.	OUTLET HEAD	1	6931 39	0	ASME SB221 / A6063
9.	INLET HEAD	1	6931 39	0	ASME SB221 / A6063
8.	TIE ROD	18	6931 12	0	ASME SA479
7.	SILENCER	2	6931 54	0	ASME SB211 / A2024
6.	VALVE HOUSING SILENCER	1	6931 34	0	ASME SB26
5.	VALVE HOUSING IN/OUT	2	6931 29	0	ASME SB26
4.	SQ FLANGE IN/OUT	2	6931 53	0	ASME SB26
3.	TOWER	8	6931 47	0	ASME B241 / A6063
2.	TIMER	1		0	EN 61010-1 : 2001 // EN 61326-1 : 1997
1.	PRESSURE GAUGE	2		0	IS 3624 : 1997
S.NO	DESCRIPTION	QTY	DRG NO	REV NO	MOC

	THIRD ANGLE PROJ.
DRAWN SAKTHI	TITLE
CHECKED	GA DRAWING AIR DRYER
APPROVED	SPD 700
DATE 08.10.10	SCALE : NTS

GEM EQUIPMENTS LTD
COIMBATORE-641 407

*ALL DIMENSIONS ARE IN MM

REG.NO.	NO.	REVISION	NAME	DATE

1

2

3

4

5

FILE:D:\SPD\DRAWINGS\6935 11

A

B

C

D

E

F