




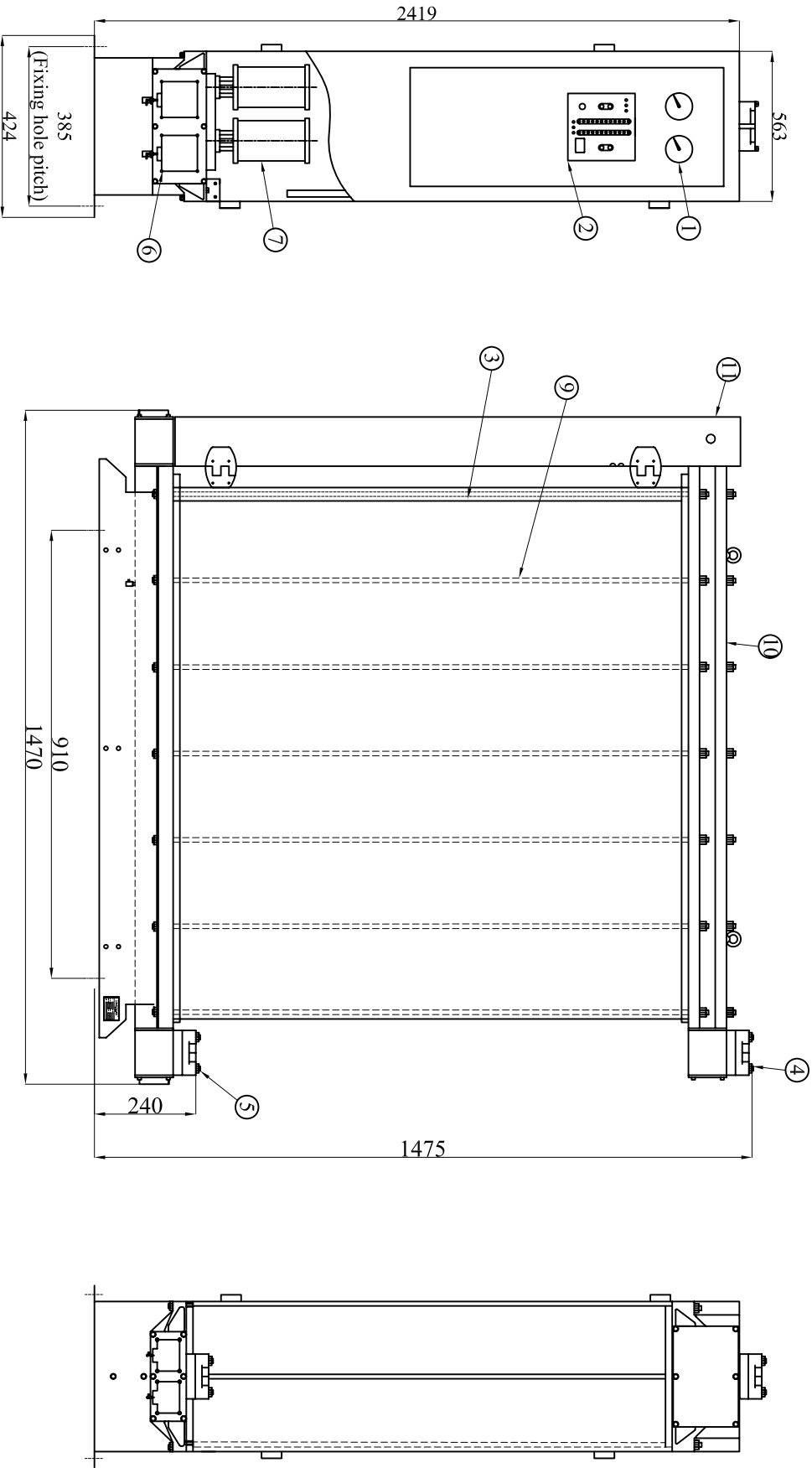


DIMIN	OVER	-	6	30	120	315	1000	2000	>4000	ROUGHNESS SYMBOL												
	UP TO & INCL	6	30	120	315	1000	2000	4000			N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
	TOLERANCE	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2	± 3	ROUGHNESS VALUE Ra μm	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50



TEST STANDARD  
ASME SEC - VIII DIV 1

SPECIFICATION		PED 97 / 23 / EC .CATAGORY : IV
1. FLUID	: AIR	
2. INLET CONDITION		
FLOW RATE	: 900 cfm	
TEMPERATURE	: 45°C	
PRESSURE	: 7-12.5 kg/cm²(g)	
RELATIVE HUMIDITY	: 100 %	
3. OUTLET CONDITION		
FLOW RATE	: 765 cfm	
TEMPERATURE	: 45°C	
PRESSURE DROP	: 0.15 kg/cm²(g)	
DEW POINT	: -40°C Activated alumina	
	: -60°C molecular sieves	
4. DESIGN PRESSURE	: 14 kg/cm²(g)	
5. MAX INLET PRESSURE	: 12.5 kg/cm²(g)	
6. DESIGN TEMPERATURE	: 50°C	
7. JOINT EFFICIENCY	: 70% (panel box)	
8. TEST DATA		
HYD TEST PRESSURE	: 21 kg/cm²(g)	
MEDIUM	: WATER	
TEMPERATURE	: AMBIENT(25°C)	
DURATION IN MIN	: 30	
AXIS	: VERTICAL	
9. ELECTRICAL	: 230v, 1Ph, 50Hz	
10. MODEL VARIANT	: A - Activated alumina	
	: B - Molecular sieves	

12. NAME PLATE	1	7503 06	0	
11. PANEL BOX	1	6931 56	0	ASME SA1008
10. OUTLET HEAD	1	6931 37	0	ASME SB221 / A6063
9. INLET HEAD	1	6931 37	0	ASME SB221 / A6063
8. TIE ROD	21	6931 12	0	ASME SA479
7. SILENCER	2	6931 54	0	A2024 / SB211
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	12	6931 47	0	ASME B241 / A6063
2. TIMER	1		0	EN 61010-1 : 2001 //
			0	EN 61326-1 : 1997
1. PRESSURE GAUGE	2		0	IS 3624 : 1997
S.NO DESCRIPTION	QTY	DRG NO	REV NO	MOC

THIRD ANGLE PROJ.	<b>GEM EQUIPMENTS LTD</b> <b>COIMBATORE-641 407</b>
DRAWN SAKTHI	
CHECKED	
APPROVED	

TITLE		GA DRAWING AIR DRYER	
SIZE DWG. NO.		SPD 900	
DATE		REV	
08.10.10		0	
SCALE : NTS		SHEET 1 OF 1	

\*ALL DIMENSIONS ARE IN MM