



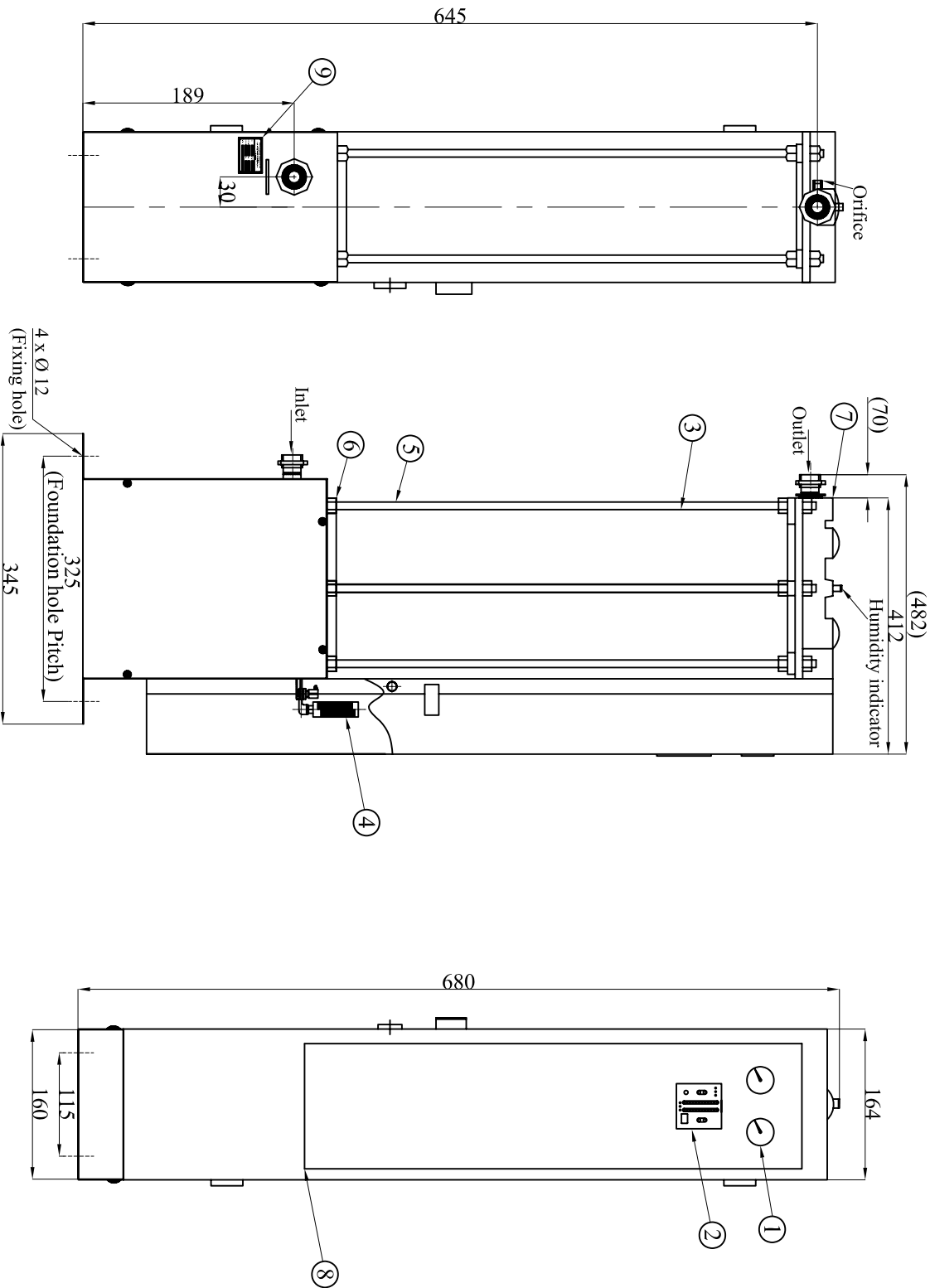


DIMIN	OVER	-	6	30	120	315	1000	2000	>4000	ROUGHNESS SYMBOL																								
	UP TO & INCL	6	30	120	315	1000	2000	4000		ROUGHNESS VALUE Ra μm	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12												
	TOLERANCE	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8	± 1.2	± 2			± 3	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25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



TEST STANDARD
ASME SEC - VIII DIV 1

- IMPORTANT:
1. INSTALL GEM OIL REMOVING FILTER BEFORE THE DRYER.
 2. INSTALL GEM AFTER FILTER AFTER THE DRYER.
 3. REFER INSTRUCTION MANUAL FOR INSTALLATION.

* ALL DIMENSIONS ARE IN MM

SPECIFICATION

1. FLUID	: AIR
2. INLET CONDITION	
FLOW RATE	: 25 cfm
TEMPERATURE	: 45°C
PRESSURE	: 7-12.5 kg/cm²(g)
RELATIVE HUMIDITY	: 100 %
3. OUTLET CONDITION	
FLOW RATE	: 21.25 cfm
TEMPERATURE	: 45°C
PRESSURE DROP	: 0.2 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 VARIENT	: A - Activated alumina
	: B - Molecular sieves

9.	NAME PLATE	1	750306	0	
8.	PANEL BOX	1	6744 15	0	ASME SA1008
7.	OUTLET BED	1	6931 16	0	ASME SB 221 / A6063
6.	INLET BED	1	6931 15	0	ASME SB 221 / A6063
5.	TIE ROD	6	6931 12	1	ASME SA479
4.	SILENCER	1	6943 03	0	ASME SB211 / A2024
3.	TOWER	2	6931 01	0	ASME SB 221 / 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

GEM EQUIPMENTS LTD
COIMBATORE-641 407



THIRD ANGLE PROJ.

DRAWN
SAKTHI

CHECKED

APPROVED

DATE
13.10.10

TITLE

GA DRAWING AIR DRYER
SPD 25

SIZE DWG. NO.

A3

6935 03

SCALE : NTS

SHEET 1 OF 1

REV
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