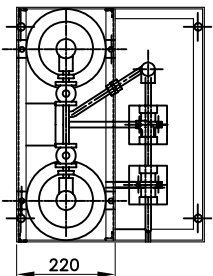
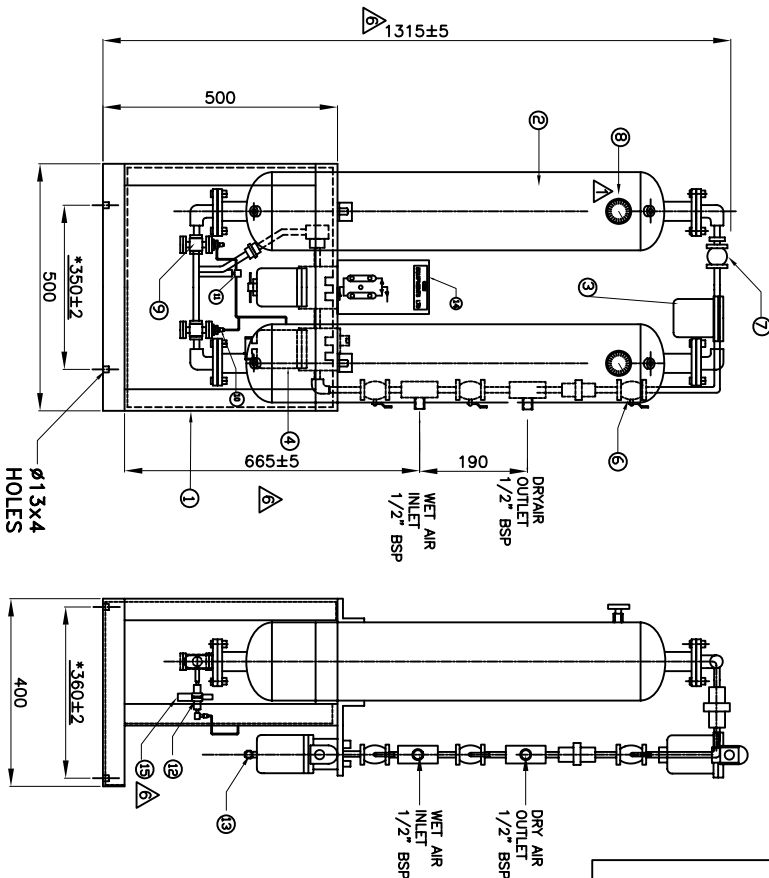


ROUGHNESS SYMBOL	ROUGHNESS VALUE $R_a \mu m$	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
OVER	UP TO & INCL	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
TOLERANCE													

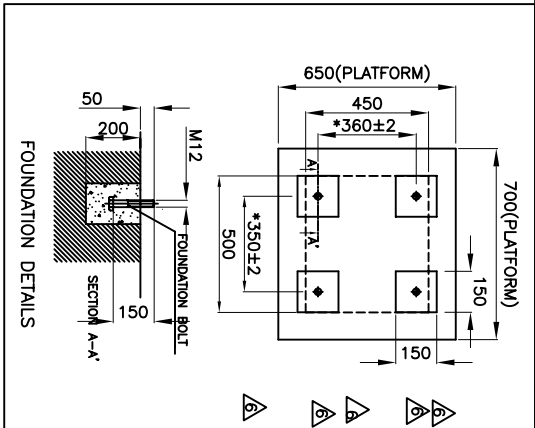


TOP VIEW



FRONT VIEW

SIDE VIEW



FOUNDATION DETAILS

TECHNICAL SPECIFICATION:	
INLET CONDITION:	
FLOW RATE	: 20 CFM
PRESSURE	: 7-12.5 kg/cm <sup>2</sup> $\Delta$
TEMPERATURE	: 42°C
OUTLET CONDITION:	
FLOW RATE	: 18 CFM
PRESSURE	: 6.8-12.3 kg/cm <sup>2</sup> $\Delta$
TEMPERATURE	: 42°C $\Delta$
PRESSURE DROP	: 0.2 kg/cm <sup>2</sup>
ATMOSPHERIC DEW POINT	: -40°C
DESIGN CODE	: IS2825
MATERIAL OF CONSTRUCTION	: IS3589, IS2062
DESIGN PRESSURE	: 14kg/cm <sup>2</sup>
HYDRAULIC PRESSURE	: 21kg/cm <sup>2</sup>
DESICCANT	: ACTIVATED ALUMINA
IN/OUT CONNECTION	: 1/2" BSP
POWER SUPPLY	: 230V, 50Hz, 1Ph
STATIC LOAD ON FOUNDATION	: 75kg (Appx) $\Delta$
DESICCANT QUANTITY	: 10kg

S.NO	PARTNO.	DESCRIPTION	QTY.	MAKE
1.	3584 00	FRAME BASE	1	GEM
2.	3761 01	TOWER (ø5"NB)	2	GEM
3.	2100 01	AFTER FILTER	1	GEM
4.	2097 01	PRE FILTER	1	GEM
5.	2099 01	OIL REMOVING FILTER	1	GEM
6.	1014 03	VALVE BYPASS(1/2")	3	OSCAR/VTM
7.	1012 02	VALVE CHECK (1/2")	2	GEM
8.	1113 04	GAUGE PRESSURE (0-21kg/cm <sup>2</sup> )	2	FLIEBIG/MANOMETER
9.	1006 01	VALVE MAIN(1/2")	2	GEM
10.	1057 01	VALVE SOLENOID NC:1 : NO:3	4	JANATICS
11.	1025 01	DISTRIBUTOR	1	GEM
12.	1007 01	VALVE EXHAUST 3/8"	2	GEM
13.	1304 00	AUTO DRAIN VALVE (3/8")	1	GEM
14.	4005 01	PANEL CONTROL	1	GEM
15.	1019 01	SILENCER(3/8") $\Delta$	2	GEM

\* FOUNDATION DIMENSIONS - CRITICAL

9003	7	REVISION MARKED AS $\Delta$	SIVA	25.05.12
7967	6	REVISION MARKED AS $\Delta$	NMK	13.05.10
7734	5	REVISION MARKED AS $\Delta$	MEB	15.12.09
3480	4	REVISION MARKED AS $\Delta$	NGK	16.05.07
2886	3	REVISION MARKED AS $\Delta$	GURU	20.10.05
REG.NO.	NO.	REVISION	NAME	DATE

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED  
MACHINED SURFACES AS PER IS : 2102(med.)

UNMACHINED SURFACE  $\pm 0.5$  ANGULAR  $\pm 1^\circ$  SURFACE FINISH BREAK ALL EDGES 0.1 - 0.25 R

PROPRIETARY MATERIAL THE INFORMATION AND IDEAS DISCLOSED IN THIS DRAWING IS THE EXCLUSIVE PROPERTY OF GEM EQUIPMENTS AND MAY NOT BE REPRODUCED USED OR DISCLOSED WITHOUT THE WRITTEN PERMISSION OF GEM EQUIPMENTS.

**GEM EQUIPMENTS LTD**  
COIMBATORE-641 407

TITLE GA DRAWING FOR HLN-002 A

SIZE	DWG. NO.	4036 00	REV	7
SCALE	: NTS	SHEET 1 OF 1		
FILE	: DEVELOPMENT 3 /DESIGN D/DRAWINGS/HLN/GA/4036 00			