



TECHNICAL SPECIFICATION:	
1. TYPE OF DRIER	: HEATLESS TYPE
2. INLET CONDITION :	
CAPACITY	: 300 CFM
PRESSURE	: 7-12.5 kg/cm <sup>2</sup> (g)
TEMPERATURE	: 42 °C
3. OUTLET CONDITION:	
CAPACITY	: 293 CFM
PRESSURE	: 6.8-12.3kg/cm <sup>2</sup> (g)
TEMPERATURE	: 42°C
DEW POINT	: -40 °C (Atmospheric Dew Point)
PRESSURE DROP	: 0.2 kg/cm <sup>2</sup> (g)
4. DESIGN CODE	: IS 2828 CLASS III
5. MATERIAL OF CONST	: IS 2062
6. INNERCONNECTING PIPING	: IS 1258 CLASS C
7. SUPPLY VOLTAGE	: 230V, 50HZ, 1ø
8. DESSICANT QUANTITY:	110 KG/TOWER

15	1710 02	CHECK VALVE(2")	2	INTERVALVE
14	1018 04	PURGE VALVE(3/8")	1	GEM
13	1173 05	SAFETY VALVE (1" set pr.= 11bar)	2	ESKAY
12	1010 01	PRESSURE GAUGE (0-21bar, 4" diol)	2	FIEBIG
11	1426 10	MAIN VALVE(3WAY1/2")	1	V-TORK/ FLOCON
10	1112 03 1008 05	SOLENOID VALVE(5/2 -1No.3/2NC-3Nos)	3	JANATICS
9	1021 00	CONTROL PANEL	1	GEM
8	2713 01	BY PASS VALVE(2")	3	INTERVALVE
7	2039 06	OIL REMOVING FILTER (8")	1	GEM
6	2100 06	AFTER FILTER (8")	1	GEM
5	2097 06	PRE. FILTER (8")	1	GEM
4	1007 04	EXHAUST VALVE(1")	2	GEM
3	1014 03	DRAIN MANUAL(1/2")	3	OSCAR/VTM
2	3033 00	TOWER (4420)x6mm Thk	2	GEM
1	1075 00	BASE FRAME	1	GEM
S NO.	PART NO.	DESCRIPTION	QTY.	MAKE

COIMBATORE-641 407

GA DRAWING  
HLD 030 A

1311 00

REV  
2

## \* MOUNTING DETAILS

9703	2	REVISION MARKED ASD	RAM	30.08.13
3039	1	REVISION MARKED ASD	BANU	16.12.08
REG.NO.	NO.	REVISION	NAME	DATE

ALL DIMENSIONS ARE IN mm  
UNLESS OTHERWISE SPECIFIED

UNMACHINED SURFACE I.V.C.  
ANGULAR  $\pm 1^\circ$  SURFACE FINISH  
BREAK ALL EDGES 0.1 - 0.25 R

<p>PROPRIETARY MATERIAL.</p> <p>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 COOLING TOWERS (P) LTD.</p>	<p><b>APPROVED</b></p>
<p><b>DATE</b></p>	<p>07.04.08</p>

THIRD ANGLE PROJ.

THIRD ANGLE PROJ.

**CHECKED**

**APPROVE**

DATE 07 04 08

**GEM EQUIPMENTS LTD**  
COIMBATORE-641 407

COIMBATORE-641 407

## TIME

GA DRAWING  
HLD 030 A

SIZE	DWG. NO.
12	1001

1311 00

SCALE : NTS	SHEET 1 OF 1
-------------	--------------

REV  
2