



| TECHNICAL SPECIFICATION | |
|-------------------------|---------------------------------|
| INLET CONDITION | |
| CAPACITY | : 1000 cfm |
| WORKING PRESSURE | : 7-12.5 kg/cm ² (g) |
| TEMPERATURE | : 45°C |
| RELATIVE HUMIDITY | : 100% |
| OUTLET CONDITION | |
| FLOW RATE | : 800 cfm |
| PRESSURE | : 12.3 kg/cm ² |
| PRESSURE DROP | : 0.2 kg/cm ² |
| ATMOSPHERIC DEW POINT | : -40°C |
| DESIGN CODE | : IS 2825 CLASS III |
| MATERIAL CODE | : IS 2062 |
| DESIGN PRESSURE | : 14 kg/cm ² |
| HYDRAULIC TEST PRESSURE | : 21 kg/cm ² |
| DESICCANT | : ACTIVATED ALUMINA |
| INTER CONNECTING PIPING | : IS 1239 |
| FLANGES | : AS PER ANSI B16.5 150# |

| | | | | |
|-------|----------|-------------------------|------|----------------|
| 17 | 1285 04 | DRAIN VALVE | 2 | GEM |
| 16 | 3052 01 | SILENCER (6" NB) | 2 | GEM |
| 15 | 1710 04 | CHECK VALVE(4" NB) | 2 | INTER VALVE |
| 14 | 1016 08 | PURGE VALVE(1 1/2") | 1 | GEM |
| 13 | 1173 06 | SAFETY VALVE (1") | 2 | ESKAY |
| 12 | 1010 01 | PRESSURE GAUGE | 2 | FLIEBIG/H.GURU |
| 11 | 3147 04 | 2WAY VALVE (1 1/2" BVD) | 2 | GEM |
| 10 | 1009 01 | SOLENOID VALVE NC2 | 3 | JANATICS |
| 9 | 1021 00 | CONTROL PANEL | 1 | GEM |
| 8 | 2313 02 | VALVE BALL (4" NB) | 3 | INTER VALVE |
| 7 | 3833 12 | ZERO OIL FILTER | 1 | GEM |
| 6 | 2379 08 | AFTER FILTER (Ø12"NB) | 1 | GEM |
| 5 | 2379 07 | PRE. FILTER(Ø12"NB) | 1 | GEM |
| 4 | 1227 00 | VALVE 3WAY(3"NB) | 1 | XOMOX |
| 3 | 1026 03 | VALVE DRAIN | 3 | GEM |
| 2 | 1084 07 | TOWER (ID610x2115) | 2 | GEM |
| 1 | 1814 02 | BASE FRAME | 1 | GEM |
| S NO. | PART NO. | DESCRIPTION | QTY. | MAKE |

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Columbare - 641 407

TITLE
G A DRAWING
HD 100 A

| | | | | | | |
|---------|----------|----------|-------|-------|----|-----|
| CHECKED | APPROVED | DATE | SCALE | SHEET | OF | REV |
| BAHU | | 03.02.09 | NTS | 1 | 1 | 0 |
| SIZE | DWG. NO. | 2071 16 | | | | |
| A2 | | | | | | |

* FOUNDATION DETAILS

Notes for foundation bolt