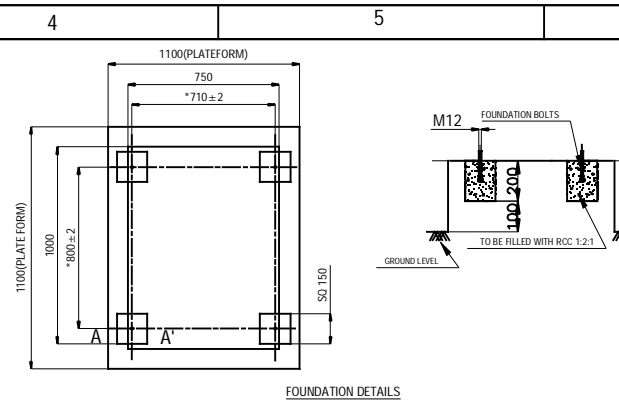
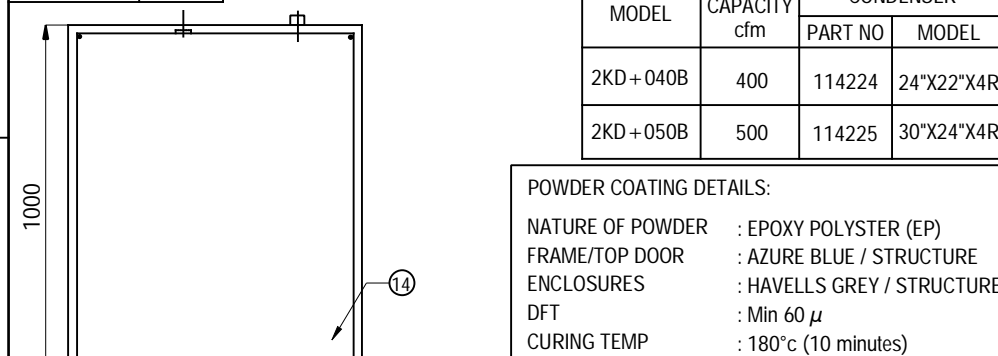


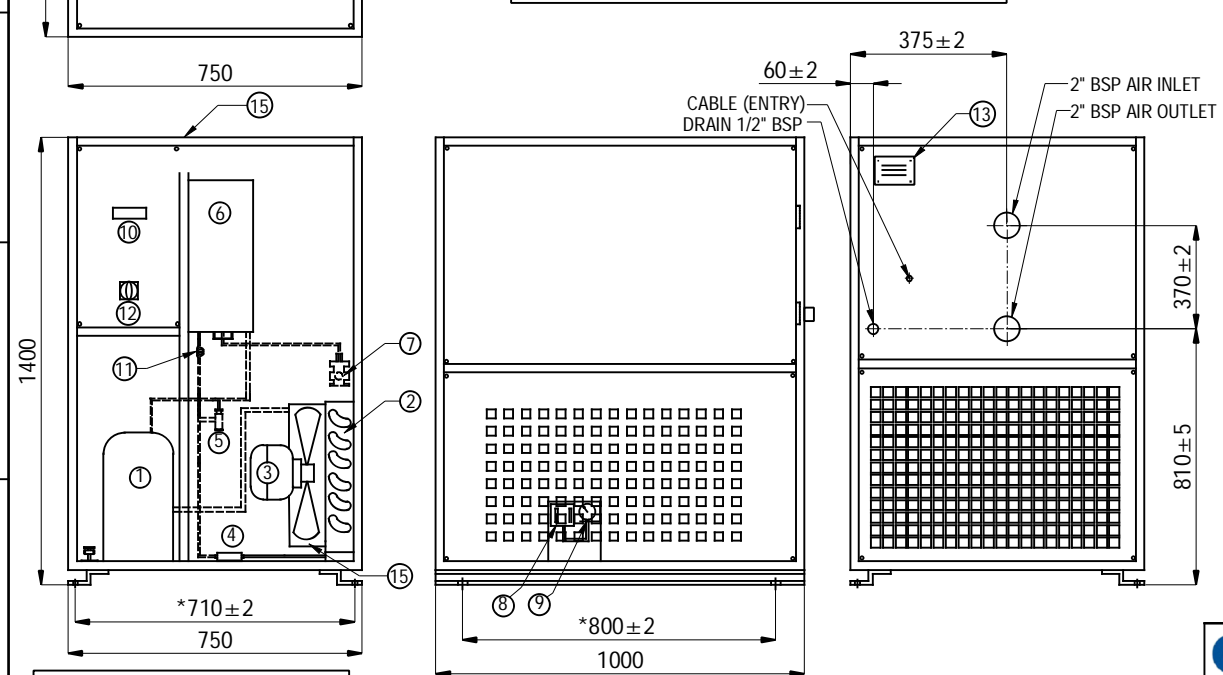
| | | | | | | | | | |
|---|---------------------|---|-----------------|---------------------|--------|---------------------|-------|---------|------|
| 1 | | 2 | | 3 | | | | | |
| TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED | | REMOVE ALL SHARP EDGES AND CORNERS. MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES. | | | | | | | |
| DIM RANGE | ALLOWABLE LIMITS | MODEL | CAPACITY cfm | FILTER DRIER | | EXPANSION VALVE | | ORIFICE | |
| OVER 0.5 TO 6 | ±0.1 | | | PART NO | MODEL | PART NO | MODEL | PART NO | SIZE |
| OVER 6 TO 30 | ±0.2 | 2KD + 040B | 400 | 1198 04/ 1198 14 | EK163S | 1073 02 | TEN2 | 1248 32 | 4 |
| OVER 30 TO 120 | ±0.3 | | | 2KD + 050B | 500 | 1198 51/ 2252 06 | EK304 | 1073 02 | TEN2 |
| OVER 120 TO 315 | ±0.5 | | | | | | | | |
| OVER 315 TO 1000 | ±0.8 | | | | | | | | |
| OVER 1000 TO 2000 | ±1.2 | | | | | | | | |
| OVER 2000 TO 4000 | ± 2 | | | | | | | | |
| > 4000 | ± 3 | | | | | | | | |


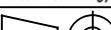


| 6 | 7 |
|--|-------------------------------|
| SPECIFICATION: | |
| MODEL | : 2KD+040B,050B |
| CAPACITY | : 400,500 cfm. |
| MAX WORKING PR. | : 7-16Kg/cm ² (g) |
| AMBIENT TEMPERATURE | : 40 °C |
| INLET TEMPERATURE | : 45 °C |
| OUTLET TEMPERATURE | : 30-35°C |
| IN/OUTLET SIZE | : 2" BSP(F) |
| OUTLET DEWPOINT | : 2 to 4°C |
| REFRIGERANT USED | : R134a |
| ELECTRICAL | : 415V±10%,3Ph,50Hz. |
| DESIGN CODE | : IS 2825 |
| DESIGN PRESSURE | : 17.6 Kg/cm ² (g) |
| HYD. TEST PRESURE | : 26.4 Kg/cm ² (g) |
| POWER RATING | : 2.20KW |
| NOTE : SHUT OFF VALVE IS ONLY APPLICABLE WHEN ECL MAKE COMPRESSOR IS PROVIDED | |



| | | | | |
|-------|---------------------|--|------|-------------------|
| 16 | 1259/1148 | FAN SHROUD | 1 | GI |
| 15 | 1100 | FRAME WELDMENT | 1 | ----- |
| 14 | 1099 | COVER ASSEMBLY | 1 | CRCA |
| 13 | 1761 00 | NAME PLATE REF DRYER | 1 | ALUMINIUM |
| 12 | 7507 74 | SWITCH ROTARY ON/OFF | 1 | SALZER |
| 11 | REF.TABLE | EXPANSION VALVE, ORIFICE No | 1 | DANFOSS |
| 10 | 1728 00 | TEMPERATURE CONTROLLER | 1 | SUBZERO |
| 9 | 1220 02 | PRESSURE GAUGE (0-500psi) | 1 | WIKA |
| 8 | 1278 04 | HIGH PRESSURE SWITCH (KP5) | 1 | DANFOSS |
| 7 | 4418 00/ 4396 02 | AUTO DRAIN VALVE(GZ HD) | 1 | GEM |
| 6 | 4378 47 | ALUMINIUM HEAT EXCHANGER WITH BUILT IN MOISTURE SEPARATOR | 1 | GEM |
| 5 | 3700 01 | HOT GAS BY-PASS VALVE(KVC12) | 1 | DANFOSS |
| 4 | REF.TABLE | FILTER DRIER | 1 | EMERSON |
| 3 | 1820 11 | FAN MOTOR (Ø450mm) | 1 | EBM |
| 2 | REF.TABLE | CONDENSER | 1 | GEM |
| 1 | 1158 85/ 1150 06 | COMPRESSOR (KCM522/MTZ056) | 1 | ECL/ DANFOSS |
| S.NO. | PART CODE | DESCRIPTION | QTY. | MAKE/ MATERIAL |



| | | | | | | | |
|--|-------------|--------------|----------|--|--------------------------------|-----------|--------------|
|  | NAME / SIGN | | DATE | GEM EQUIPMENTS (P) LTD COIMBATORE - 641 407 | | | |
| | DESIGN | NANDHA KUMAR | 24.08.15 | | | | |
| | DRAWN | GOWTHAM | 24.08.15 | TITLE | GA DRAWING 2KD + 040 & 050B | | |
| | CHKD. | | | | | | |
|  | APPD. | | | DRAWING No. | | | REV. |
| MACHINED SURFACE AS PER IS : 2102(Med.) | | | | 1098 | | | 0 |
| PROPERTY 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. | | | | A4 | ALL DIMENSIONS ARE IN mm | SCALE NTS | SHEET 1 OF 1 |