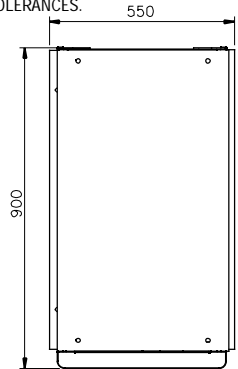


TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	±2
>4000	±3

REMOVE ALL SHARP EDGES AND CORNERS.  
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.



**POWDER COATING DETAILS:**

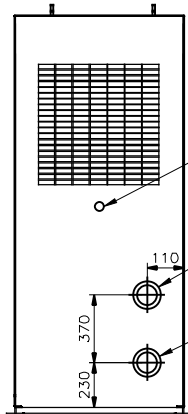
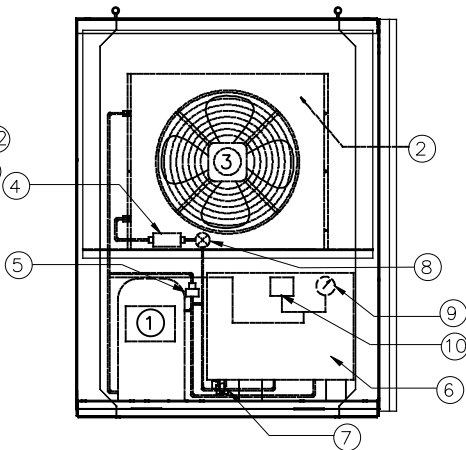
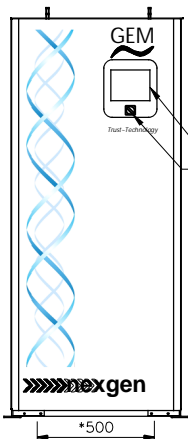
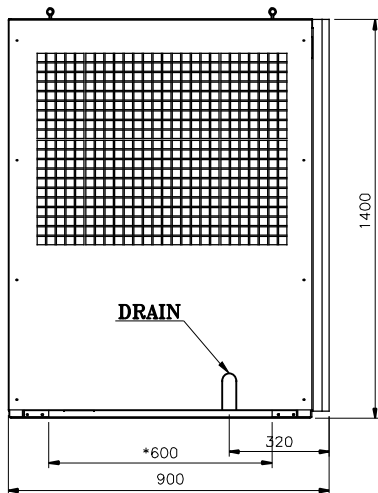
NATURE OF POWDER : EPOXY POLYSTER (EP)  
FRAME \ FINISH : OXFORD BLUE \ GLOSSY  
ENCLOSURES \ FINISH : BROKEN WHITE \ GLOSSY  
DFT : Min 60  $\mu$   
CURING TEMP : 180°C (10 minutes)

**SPECIFICATION :**

MODEL : NXG  
CAPACITY : 400,500 CFM  
WORKING PRESSURE : 7-16 Kg/cm<sup>2</sup>(g)  
INLET TEMPERATURE : 45°C (max)  
AMBIENT TEMPERATURE : 40°C (max)  
IN/OUTLET SIZE : 2" BSP(F)  
REFRIGERANT USED : R404a  
ELECTRICAL : 415V, 50Hz, 3Ph.  
DESIGN CODE : IS 2825  
DESIGN PRESSURE : 17.6 Kg/cm<sup>2</sup>(g)  
HYD. TEST PRESSURE : 26.4 Kg/cm<sup>2</sup>(g)  
POWER RATING : 2.15 kW (400CFM)  
POWER RATING : 2.38 kW (500CFM)

S.NO	CAPACITY CFM	MODEL	PART CODE	DESCRIPTION
1	400	COMPRESSOR	1158 84	KCM519CAL
2	500	COMPRESSOR	1158 85	KCM522CAL
3	400	CONDENSER	1142 26	30"x24"x3R
4	500	CONDENSER	1142 25	30"x24"x4R

15	1278 09	HIGH PRESSURE SWITCH (YK-400-400P340X)	1	MATCHWELL
14	1728 16	PLC-4" TOUCH SCREEN	1	RENU
13	1172 01	HAND SHUT OFF VALVE 1/4"	1	CASTLE
12	1278 10	LOW PRESSURE SWITCH (YK-400-035G050G)	1	MATCHWELL
11	1278 04	FAN CONTROL SWITCH(KP5)	1	DANFOSS
10	307209	ROTARY SWITCH 3 POLE, 25A	1	SALZER
9	122002	HIGH PRESSURE GAUGE (0-500PSI)	1	WIKA
8	1247 40	EXPANSION VALVE TES2-ORIFICE4	1	DANFOSS
7	4396 02	AUTO DRAIN VALVE (GZ-HD)	1	GEM
6	4378 47	ALUMINIUM HEAT EXCHANGER WITH MOISTURE SEPERATOR	1	GEM
5	337001	HOT GAS BYPASS KVC12 1/2"	1	DANFOSS
4	225204	FILTER DRIER 3/8" DML163	1	DANFOSS/ ECL
3	1820 11	FAN MOTOR (Ø450mm)	1	EBM-NADI
2	REF TABLE	CONDENSER	1	GEM
1	REF TABLE	COMPRESSOR	1	ECL
S.NO.	PART NO	DESCRIPTION	QTY.	MAKE



CABLE ENTRY

AIR INLET  
2" BSP(F)

AIR OUTLET  
2" BSP(F)

<b>GEM</b> Trust - Technology	NAME/SIGN	DATE
	DESIGN SRIRAM	18-11-15
	DRAWN KARTHICK	23-07-16
	CHKD.	
	APPD.	
	MACHINED SURFACE AS PER IS:2102(Med.)	
	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.	

**GEM EQUIPMENTS (P) LTD**  
COIMBATORE - 641 407

TITLE  
GA DARWING  
NXG 040/050

DRAWING No.

2219

REV  
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A4 ALL DIMENSIONS ARE IN mm SCALE NTS SHEET 1 OF 1