

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

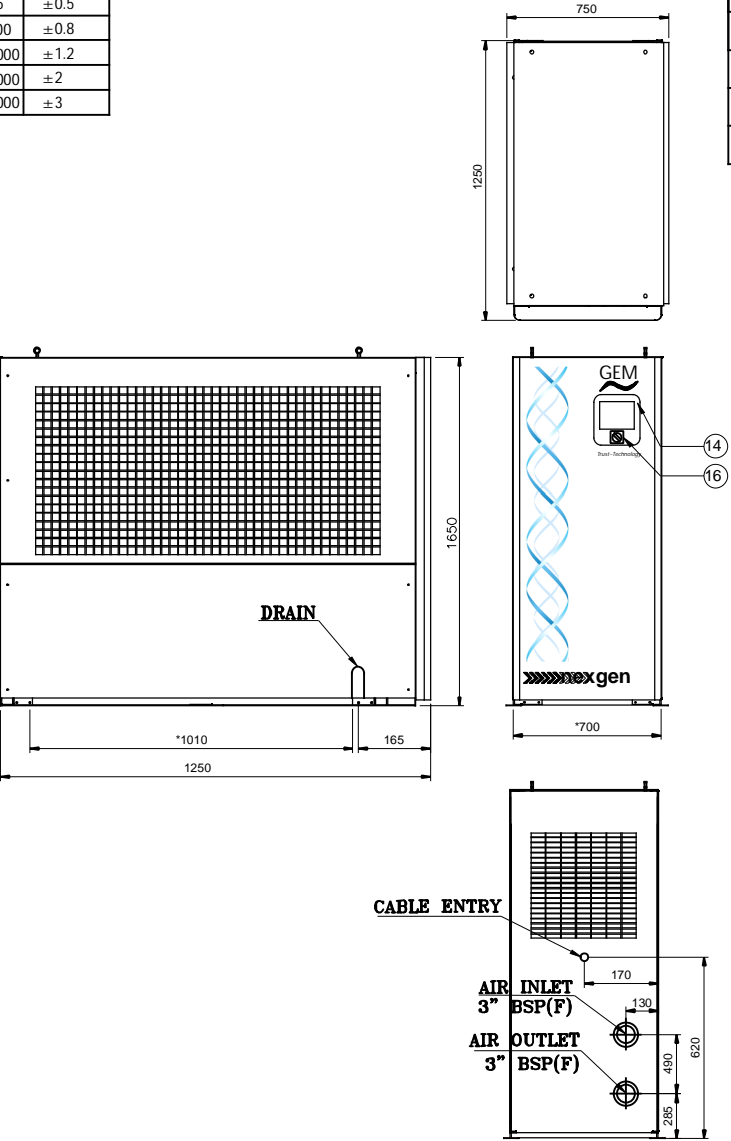
REMOVE ALL SHARP EDGES AND CORNERS.
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.

S.NO	CAPACITY CFM	MODEL	PART CODE	DESCRIPTION
1	750	COMPRESSOR	1150 20	MTZ064
2	1000	COMPRESSOR	1142 21	MTZ080
3	750	CONDENSER	1148 02	36"x24"x4R
4	1000	CONDENSER	1142 20	36"x24"x6R
5	750	EXPANSION VALVE	1247 13	TEZ2 NO4
6	1000	EXPANSION VALVE	1247 15	TEZ5 NO2

SPECIFICATION :	
MODEL	: NXG
CAPACITY	: 750,1000 CFM
WORKING PRESSURE	: 7-16 Kg/cm ² (g)
INLET TEMPERATURE	: 45°C (max)
AMBIENT TEMPERATURE	: 40°C (max)
IN/OUTLET SIZE	: 3" BSP(F)
REFRIGERANT USED	: R407C
ELECTRICAL	: 415V, 50Hz, 3Ph.
DESIGN CODE	: IS 2825
DESIGN PRESSURE	: 17.6 Kg/cm ² (g)
HYD. TEST PRESSURE	: 26.4 Kg/cm ² (g)
POWER RATING	: 6.206 KW (750 CFM)
POWER RATING	: 7.36 KW (1000 CFM)

POWDER COATING DETAILS:	
NATURE OF POWDER	: EPOXY POLYESTER (EP)
FRAME \ FINISH	: OXFORD BLUE \ GLOSSY
ENCLOSURES \ FINISH	: BROKEN WHITE \ GLOSSY
DFT	: Min 60 µ
CURING TEMP	: 180°C (10 minutes)

17	1059 03	LIQUID LINE SOLENOID VALVE 1/2"	1	DANFOSS
16	3072 09	ROTARY SWITCH 3 POLE, 25A	1	SALZER
15	1278 04	HIGH PRESSURE SWITCH (KP5)	1	DANFOSS
14	1728 16	PLC-4" TOUCH SCREEN	1	RENU
13	117201	HAND SHUT OFF VALVE- 1/4"	1	CASTLE
12	1278 06	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
11	1278 04	FAN CONTROL SWITCH (KP5)	1	DANFOSS
10	122003	LOW PRESSURE GAUGE (0-300PSI)	1	WIKA
9	1220 02	HIGH PRESSURE GAUGE (0-500PSI)	1	WIKA
8	REF TABLE	EXPANSION VALVE	1	DANFOSS
7	4396 02	AUTO DRAIN VALVE (GZ-HD)	1	GEM
6	4378 49/ 4378 50	ALUMINIUM HEAT EXCHANGER WITH MOISTURE SEPERATOR	1	GEM
5	337002	HOT GAS BYPASS VALVE (5/8") KVC15	1	DANFOSS
4	1198 51/ 1198 05	FILTER DRIER 1/2"(DML304S/EK304S)	1	DANFOSS/ ECL
3	1820 11	FAN MOTOR (Ø450mm)	2	EBM
2	REF TABLE	CONDENSOR	1	GEM
1	REF TABLE	COMPRESSOR	1	DANFOSS
S.NO.	PART NO	DESCRIPTION	QTY.	MAKE



GEM		NAME/SIGN	DATE
DESIGN	SARAN		19.11.14
DRAWN	NAVEEN.L		26-07-16
CHKD.			
APPD.			
MACHINED SURFACE AS PER IS:2102(Med.)			
PROPERTY MATERIAL			
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GEM EQUIPMENTS (P) LTD		COIMBATORE - 641 407	
TITLE		G A DRAWING NXG 075/100	
DRAWING No.		1779	
REV		0	
A4 ALL DIMENSIONS ARE IN mm		SCALE NTS	
SHEET 1 OF 1			