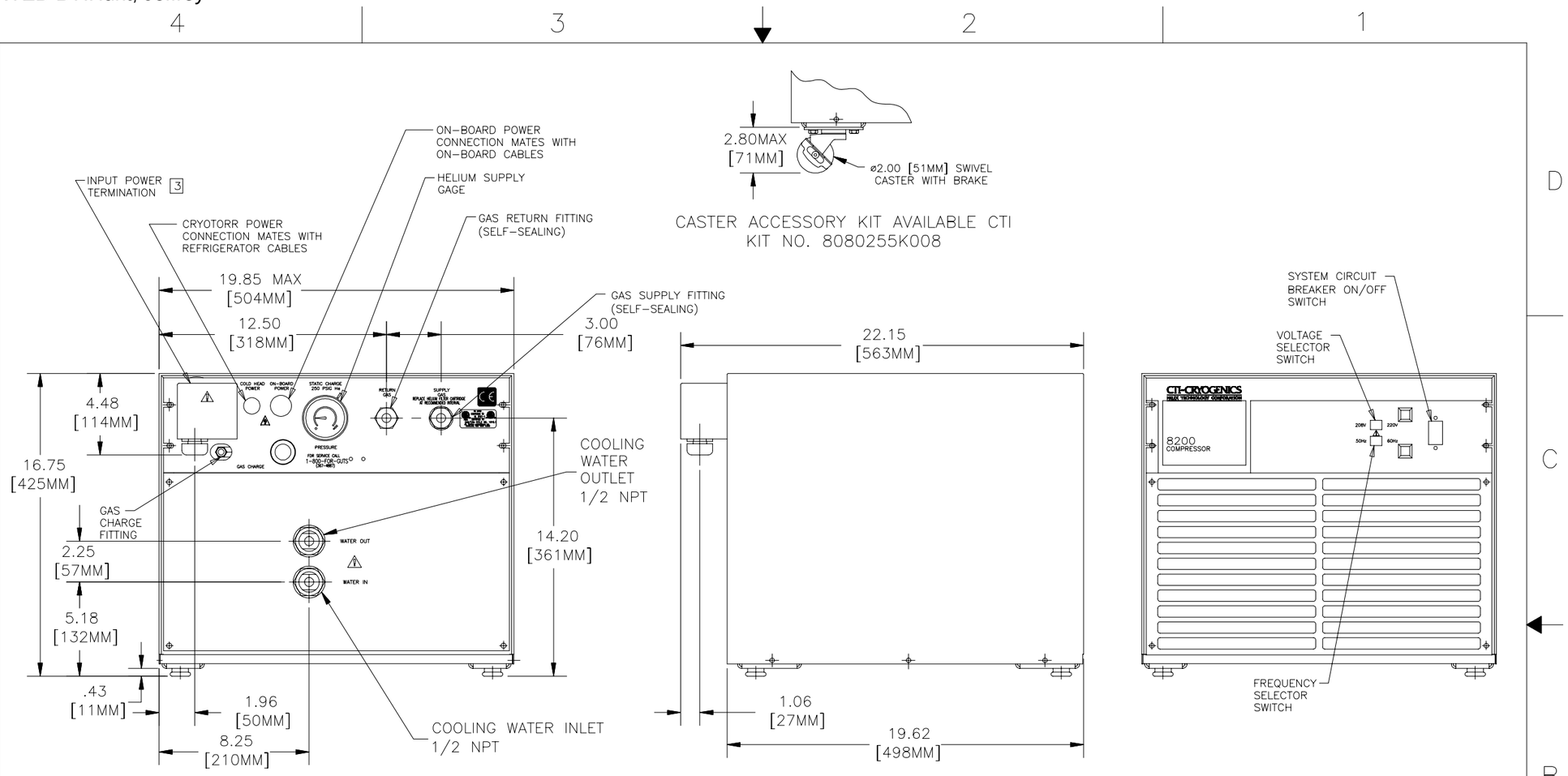

NOTES:
1. WEIGHT: 150 LB MAX (68.0 KG)
2. ELECTRICAL POWER REQUIREMENTS:
   200/208/230 VAC, 1ø/3ø, 50/60 Hz

   OPERATING RANGE: 198–250 V @ 60 Hz
   180–220 V @ 50 Hz

   NOMINAL INPUT POWER: 2.0 KW.
3. INSURE DESIGNATED PIN OF CONNECTOR IS RETURNED TO EARTHED GROUND OF VOLTAGE SERVICE IN A NON–INTERRUPTING MANNER. 3 POLE, 4 CONDUCTOR, TYPE SO, 600 V CABLE, NEOPRENE JACKET, WITH (4) 14 AWG CONDUCTORS, TERMINATED WITH #10 AWG TERMINALS.
4. DIMENSIONS ARE NOMINAL IN INCHES UNLESS OTHERWISE SPECIFIED.
5. AMBIENT TEMPERATURE 50° F TO 100° F (10° C TO 38° C).
6. THE COOLING CIRCUIT OF THIS COMPRESSOR IS DESIGNED TO OPERATE WITH WATER HAVING A PH VALUE OF 7.0 TO 8.7 AND A CALCIUM CARBONATE CONCENTRATION OF LESS THAN 75 PPM (TYPICAL MUNICIPAL DRINKING WATER QUALITY). FOR APPLICATIONS OF LOWER PH OR GREATER HARDNESS WATER CONDITIONING MAY BE NECESSARY. RESISTIVITY NO GREATER THAN 100K OHM–CM.
7. NOMINAL COOLING WATER REQUIREMENTS:
   70° F WATER SUPPLY, .5 GPM, 3.5 PSIG (PRESSURE DROP WATER INLET TO WATER OUTLET).
   THE PRESSURE VALUE DOES NOT CONSIDER DISCHARGE BACK PRESSURE CONDITIONS.
8. MAXIMUM/MINIMUM WATER REQUIREMENTS:
   MAXIMUM OUTLET TEMPERATURE 90° F (32° C)
   MINIMUM INLET TEMPERATURE 40° F (4° C)
   MAXIMUM INLET PRESSURE 100 PSIG.
9. ETL AND CANADIAN ETL LISTED. CONFORMS TO CE MARKING REQUIREMENTS.

CONFIGURATION TABLE	
DASH NO.	DESCRIPTION
G001	3 PHASE WITH PAINTED STEEL 2" HELIUM GAUGE
G002	1 PHASE WITH PAINTED STEEL 2" HELIUM GAUGE
G003	3 PHASE WITH STAINLESS STEEL 2.5" HELIUM GAUGE
G004	1 PHASE WITH STAINLESS STEEL 2.5" HELIUM GAUGE

PROPRIETARY NOTICE

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CTI-CRYOGENICS
HELIX TECHNOLOGY CORPORATION

INSTALLATION/INTERFACE 8200 HELIUM COMPRESSOR WATER COOLED

SIZE	CAGE CODE	DWG NO	REV
C	31949	8032550	101
SCALE NONE		IR DATE 02/93	SHEET 1 OF 1

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