



PROVAC

SALES

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CTI SC, SCW

Technical Specifications

VOLTS	HZ	PHASE	NOMINAL OPERATING CURRENT (AMPS)	OPERATING VOLTAGE RANGE (VOLTS)	MINIMUM RECOMMENDED ELECTRICAL SERVICE (AMPS)
208/230	60	1	10	198-253	15
200	50	1	10	180-220	15

Power consumption

2.1 kw, nominal operating

Compressor input-power cable (customer-supplied)

Recommended type SO-3 conductor, 600V, neoprene jacket and 14-gauge (2.5 mm²) wire

Install per Figure B.1, page B-3, Electrical Schematic, ensuring compliance with all national, state and local standards.

Helium pressure

Static: 245-250 psig (1690-1725 kPa) at 70 to 80°F (21 to 27°C)

Supply: nominal operation: 270-290 psig (1860-2000 kPa) at operating temperature

Ambient operating temperature range

50 to 100°F (10 to 38°C)

Interface

Cold head power receptacle: Mates with plug on cold-head power cable.

Compressor input-power receptacle: Mates with Hubbel twist lock plug No. 4579C, supplied with compressor.

Gas-supply connector: 1/2-inch self-sealing coupling

Gas-return connector: 1/2-inch self-sealing coupling

Adsorber

Replace every 10,000 hours.

Pumping Speeds

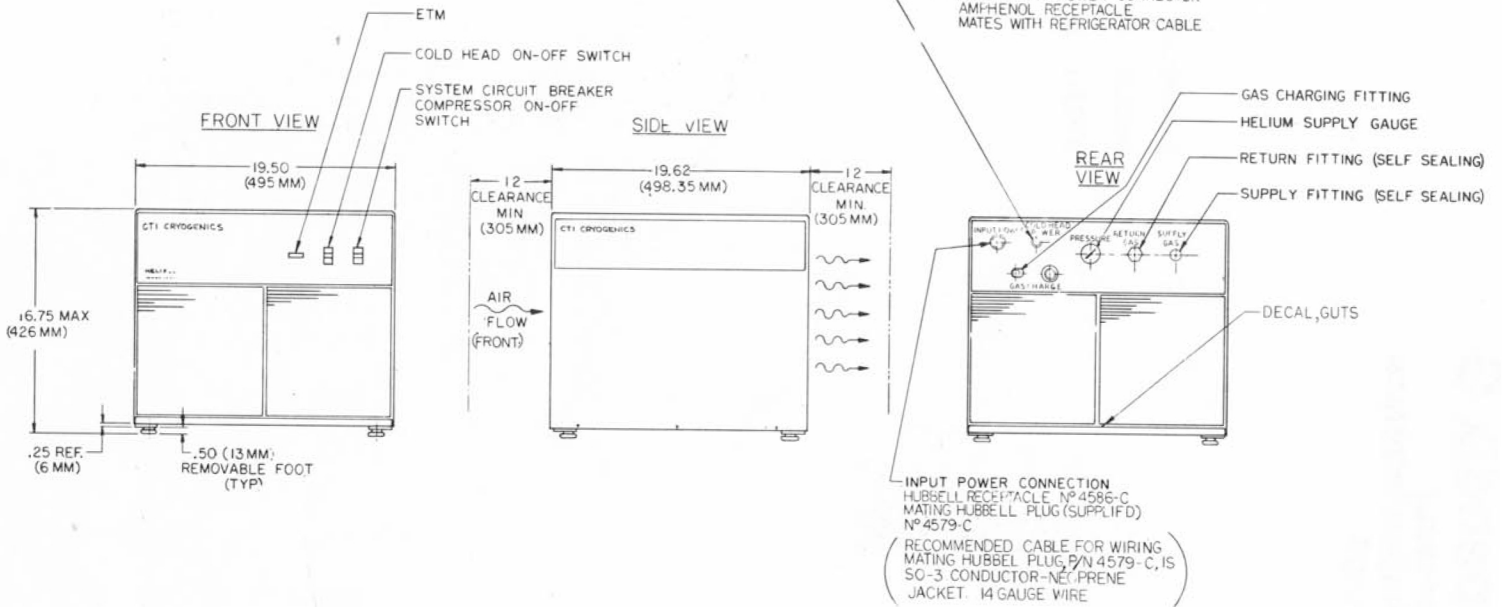
Water	4,000 liters/second
Air	1,500 liters/second
Hydrogen	2,000 liters/second
Argon	1,200 liters/second



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Dimensions

SC (air cooled)



SCW (water cooled)

