

Specifications

Type	Pumping Speed	Capacity at 1×10^{-6} Torr	Throughput at 20K
N ₂	1,700 Liters/sec.		
H ₂	2,500 Liters/sec.	12 std Liters	
H ₂ O	4,500 Liters/sec.		
Ar	1,400 Liters/sec.	1,100 std Liters	11 Torr Liters/sec. 870 scc/min.

Weight 41 lbs. (18.6 kg)	Crossover 155 Torr Liters	Cooldown Time 60 min to 20K w/CBST3.0 Compressor
Overpressure Safety Relief	Burst Disc Standard	
Operating Orientation	Any	
Purge Tube	Optional	
Instrumentation	Silicon diode standard	
Bakeout Temperature	100°C max. For higher temperatures please consult PHPK	

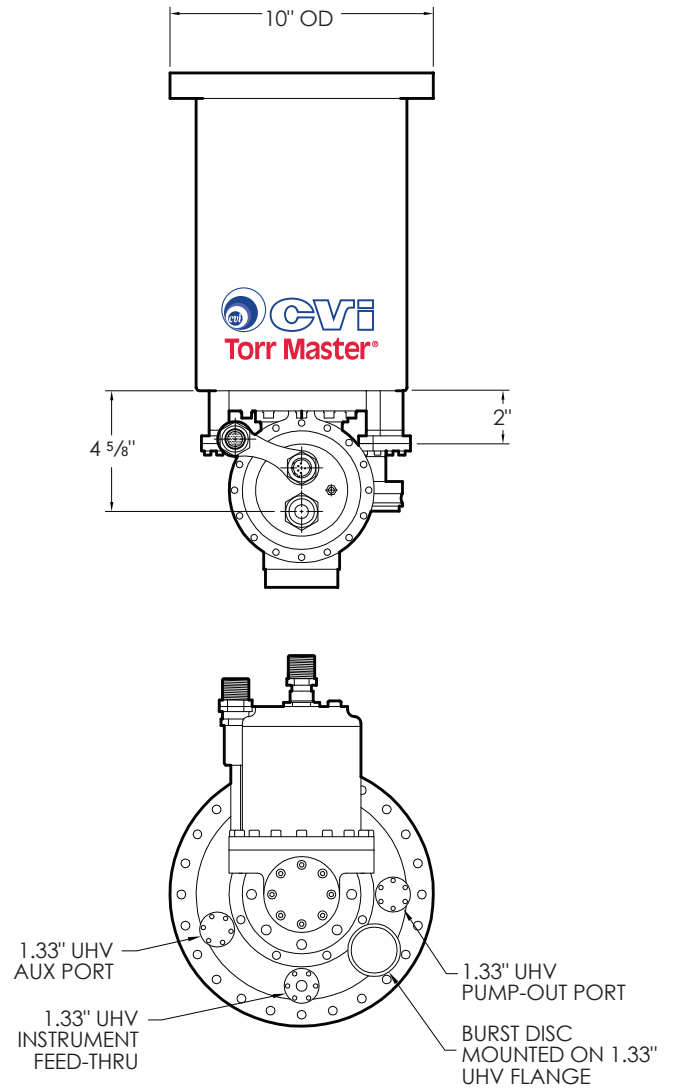
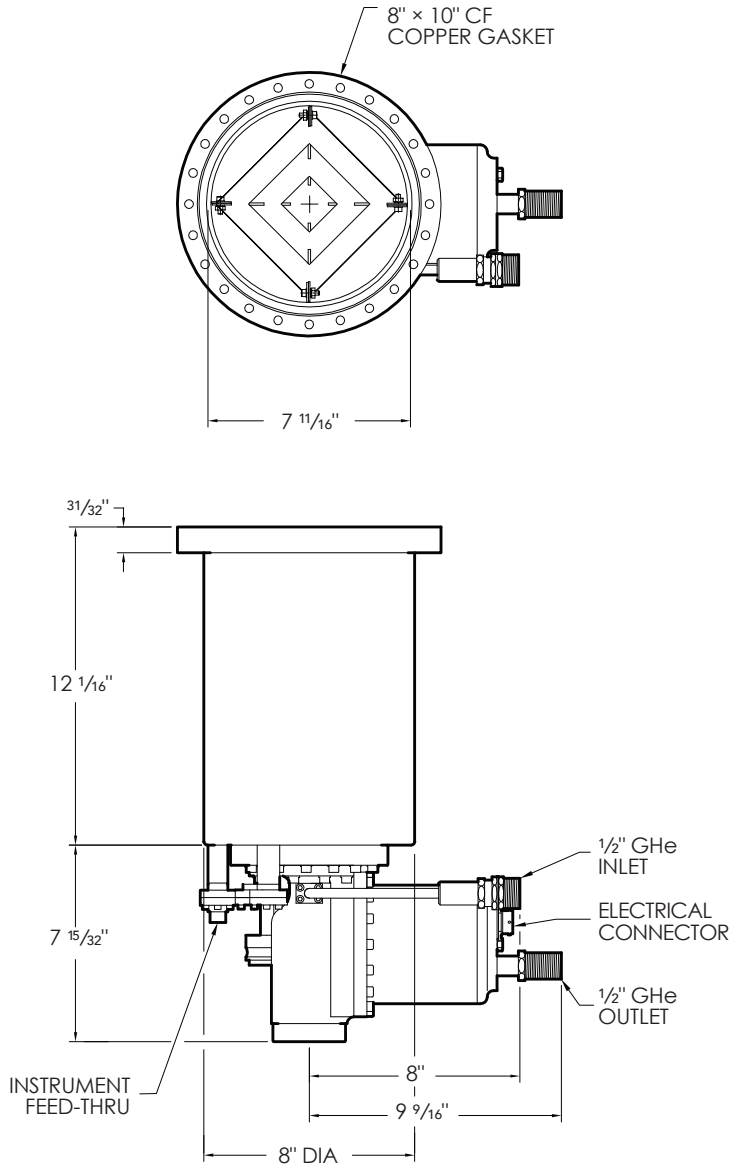


(Performance data based on 60-HZ operation)

Interfaces

System Flange	OD	ID	BC	Bolt Holes	O-Ring
UHV	10"	7.68"	9.13"	24 ea 0.33" DIA	Metal Gasket (supplied)

Roughing Flange	1.33" Mini UHV, optional 2 3/8" UHV side port
Accessory Flange	1.33" Mini UHV
Purge Tube	1.33" Mini UHV Flanged tube for optional mounting
Pressure Relief	Rupture disc mounted on 1.33" Mini UHV
Helium Connections	1/2" Aeroquip fittings
Electrical	Diode, 6-pin twist lock connector Refrigerator drive motor, 5-pin twist lock connector



8" TM150 (UHV)