

# CTI-CRYOGENICS® 9600 COMPRESSOR

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Designed expressly for long usable life, high reliability, and easy use, the 9600 compressor provides outstanding performance with all Cryo-Torr® Cryopumps, On-Board® Cryopumps, On-Board® Waterpumps. It supports both single and grouped-pump configurations, and it is compatible with new and existing CTI-Cryogenics® pumping installations worldwide.

#### **Designed for reliability and long usable life.**

The 9600's design is simple and efficient, and its components and materials have been selected and tested for high reliability to support long usable compressor life.

#### **Easy to set up and use.**

The 9600 has been designed for fast unpacking, fast setup, and ease of use. It is a lightweight design, with large casters for easy handling, and its power, helium, and water hookups are all easily accessible for fast installation.

The 9600 requires no maintenance beyond a recommended adsorber change once every three years. Circuit protection is provided by a single row of breakers which are easily accessible at the rear panel. The adsorber is easy to reach with the simple removal of a single side panel, and is designed for instant removal and replacement. Remote controls are supported, giving you the flexibility of remote compressor location.



#### **Features and benefits**

- Long-term reliability, through efficient modular system design and high-reliability components
- Ease of use, with three year maintenance-free operation between adsorber changes
- Supports remote controls for easy operation in remote compressor installations
- Fast installation anywhere in the world, with global power compatibility, easy handling and hookup, and self-setting coldhead power control
- Extremely high capacity and efficient design for improved pump performance and fast regenerations
- Single and multiple pump capability
- Full compatibility with new and existing CTI-Cryogenics® pumping systems

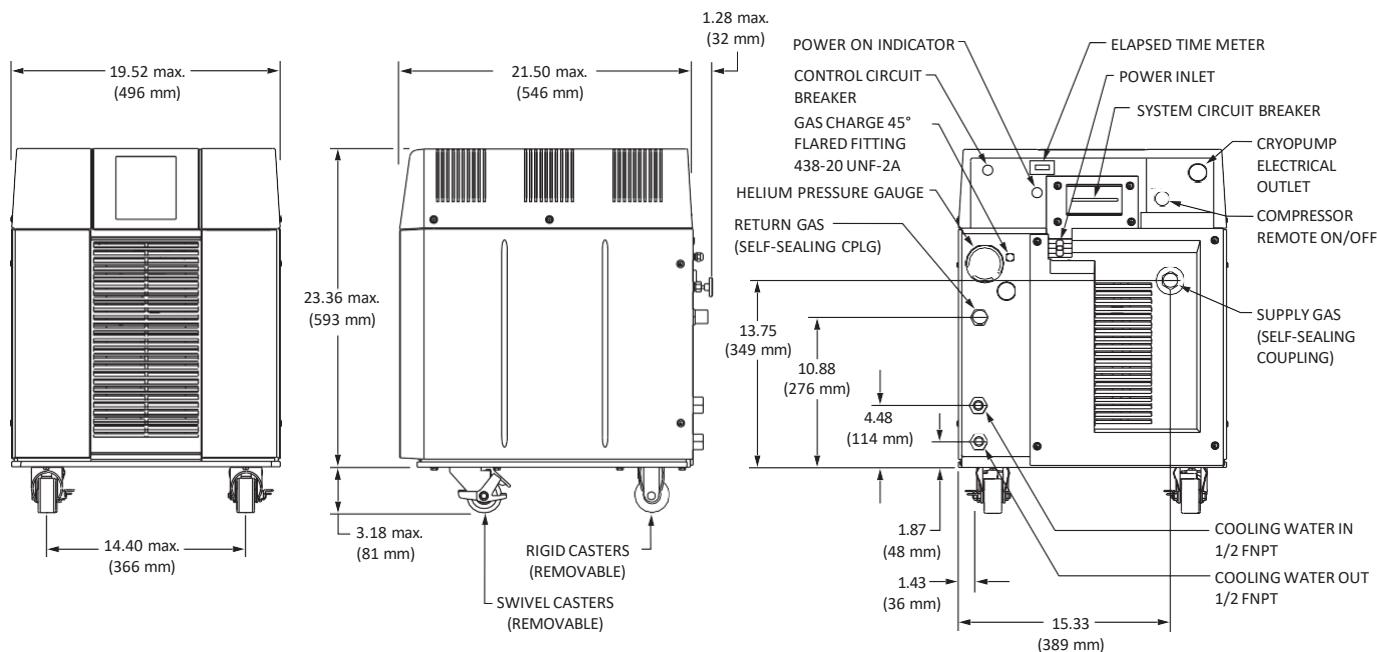
## Global Power Compatibility

The 9600 features global power compatibility, with both low-and high voltage models available. Each model operates on both 50 Hz and 60 Hz power, and the allowable voltage range for each is substantial. The cryopump power supply automatically sets coldhead voltages so manual settings of power taps is not needed. Instead, cold head voltages are automatically controlled for reliable performance throughout the entire specified range of compressor supply voltage.

## 9600 Compressor Specifications

<b>Dimensions</b>	674mm h x 496mm w x 546 mm d (26.54" h x 19.52" w x 21.50" d)
<b>Weight</b>	Low-Voltage Model 114 kg (250 lbs) High-Voltage Model 120 kg (265 lbs)
<b>Operating Voltage (3-phase, 50 Hz or 60Hz)</b>	Low-Voltage Model 180-253 VAC High-Voltage Model 360-506 VAC
<b>Input power</b>	5.5 KW
<b>Cooling water</b>	2.75 GPM

When ordering, please specify single or multiple pump operation, and specify whether the compressor will power Cryo-Torr® or On-Board® pumps.





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