

CTI-CRYOGENICS® 9600 COMPRESSOR

edwardsvacuum.com

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

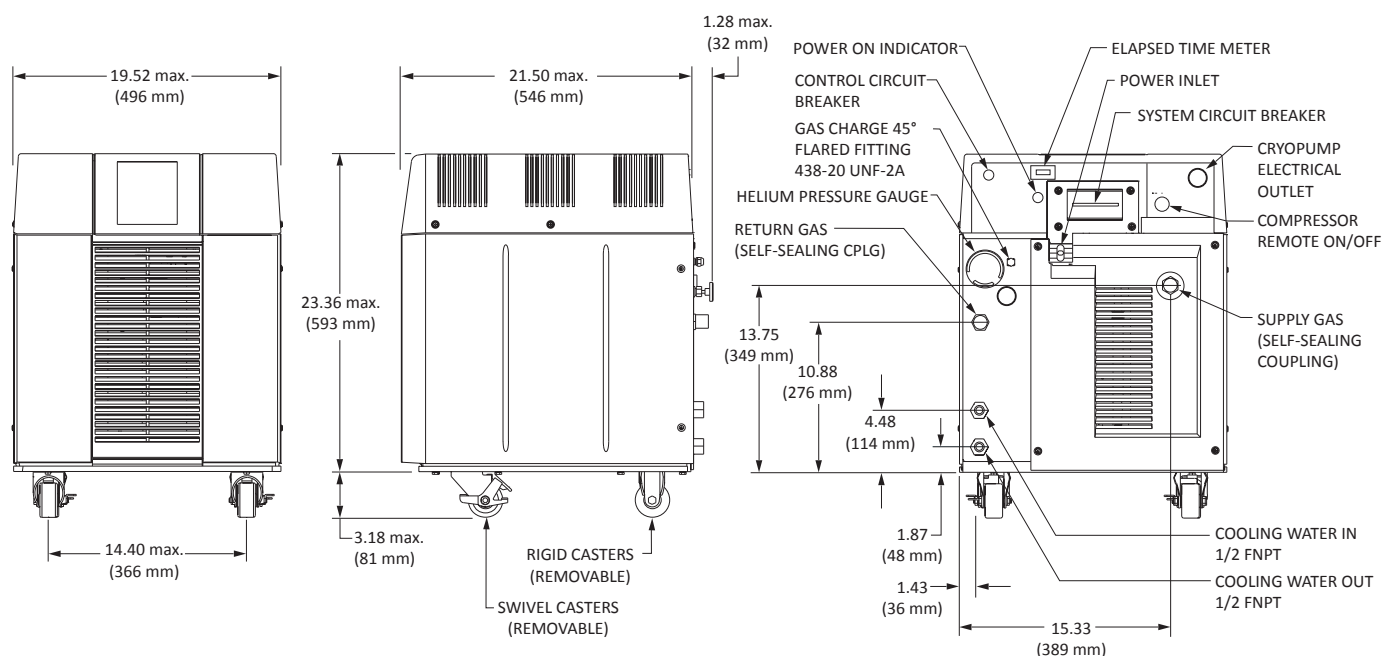
Global Power Compatibility

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

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



GLOBAL CONTACTS

© Edwards Limited 2021. All rights reserved Edwards and the Edwards logo are trademarks of Edwards Limited.

Whilst we make every effort to ensure that we accurately describe our products and services, we give no guarantee as to the accuracy or completeness of any information provided in this datasheet.

Edwards Ltd, registered in England and Wales
No. 6124750, registered office: Innovation Drive,
Burgess Hill, West Sussex, RH15 9TW, UK.

EMEA	
UK	+44 (0) 1444 253 000 (local rate) 0845 921 2223
Belgium	+32 2 300 0730
France	+33 1 4121 1256
Germany	0800 000 1456
Italy	+39 02 48 4471
Israel	+972 8 681 0633

ASIA PACIFIC	
China	+86 400 111 9618
India	+91 20 4075 2222
Japan	+81 47 458 8836
Korea	+82 31 716 7070
Singapore	+65 6546 8408
Taiwan	+886 3758 1000

AMERICAS	
USA	+1 800 848 9800
Brazil	+55 11 3952 5000