



# PROVAC

## SALES

PHONE: 831-462-8900

FAX: 831-462-3536

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## Edwards T-Station 85H Technical Specifications

### Pumping speed for N<sub>2</sub>

NW40

47 ls<sup>-1</sup>

ISO/CF63

84 ls<sup>-1</sup>

### Compression ratio for N<sub>2</sub>

>1 x 10<sup>11</sup>

### Backing pump speed @50 Hz

E2M1.5 (TS85H Wet)

1.6 m<sup>3</sup>h<sup>-1</sup>

XDD1 (TS85H Dry)

1.2 m<sup>3</sup>h<sup>-1</sup>

### Ultimate vacuum

<5 x 10<sup>-10</sup> mbar\*

### Inlet flange

NW40, ISO63 or CF63

### Exhaust flange

E2M1.5 (TS85H Wet)

11 mm OD nozzle or 3/8" BSP

XDD1 (TS85H Dry)

Fitted silencer or 1/8" BSP

### Mass

E2M1.5 system (TS85H Wet)

21 kg max

XDD1 system (TS85H Dry)

17 kg max

### Noise level

≤56 dB(A)

### Leak tightness

<1 x 10<sup>-6</sup> mbar ls<sup>-1</sup>

### Operating temperature range

12 to 40 °C

\*T-Station 85H Wet CF63



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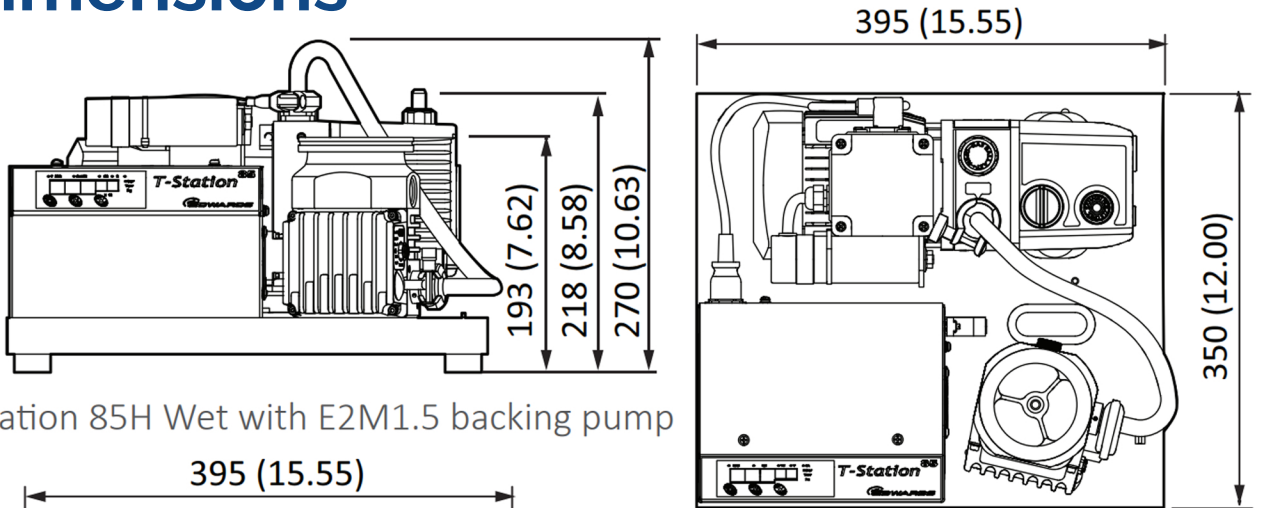
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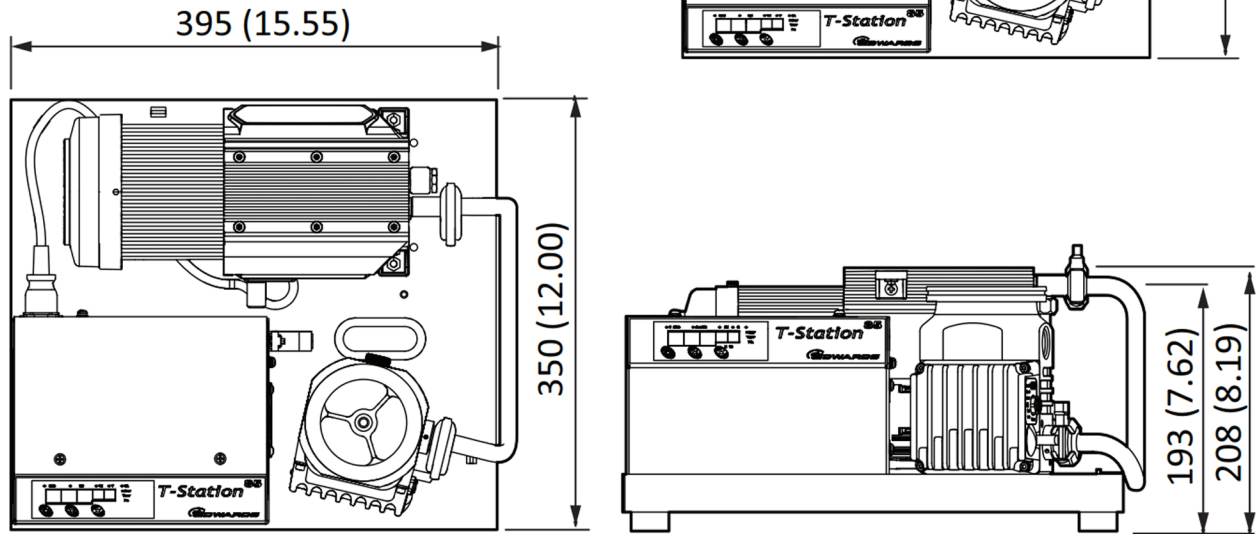
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## Edwards T-Station 85H Dimensions



T-Station 85H Wet with E2M1.5 backing pump



T-Station 85H Dry with XDD1 backing pump





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## Edwards T-Station 85H Features & Benefits

- compact turbomolecular pumping station
- seamlessly combines nEXT85H turbo pump with a controller, & either a dry diaphragm or an oil-sealed backing pump
- single button start/stop
- ideal for general laboratory needs
- low cost of ownership
- compact low profile, but stable design that can't be knocked over
- rugged metal frame can take abuse without cracking or breaking
- integrated air cooler makes for quiet operation
- easy to read accuracy display

## Applications

- research & development • high energy physics • spectroscopy
- surface analysis • small coating systems • tube manufacturing

