



VACGEN

Assembly Guide

Heater Specifications AS0042

VGS03-02T42



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DISCLAIMER

This Assembly Guide should be used in conjunction with the owner's manual where available, and is intended as a guide only as there may be variations between versions and therefore must be used at the Owner's Risk. For more detailed assistance, please contact our Support desk +44 (0) 1323 379 335 or support@vacgen.com.

HEALTH AND SAFETY

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The Goods, especially chemicals, may be dangerous if not properly used or stored and the appropriate precautions taken. The Customer accordingly agrees that it shall take all such steps as are reasonably practicable or usual to eliminate or reduce any risk to health and/or safety to which use of the Goods may give rise and acknowledges that where the Goods are manufactured to a design supplied by the Customer, the Company will not undertake any research as to the risks to health and/or safety which may arise from use or storage of the Goods. Where the Goods are manufactured to a design supplied by the Customer, the Customer shall comply with all the duties which may be implied at law on a designer and/or manufacturer of the Goods.

| Revision | Date | Comment | Initials |
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Unit A, Swallow Business Park
Diamond Drive, Lower Dicker
Hailsham, East Sussex
BN27 4EL, UK



Heater Specification

HST 14mm & HST 25mm

3 amp maximum, 2.75 amp continuous

Voltage 30 volt / 60 volts for 25mm Heater

Temperature 1000°C Flash 1 minute maximum / 900°C continuous

Tungsten Filament (w) 1 ohm approx. / 2.2 ohm for 25mm Heater

Insulation >20 Meg ohms @ 500 volt

PBN Heater 14mm & 18mm Flag

3 amps maximum, 2.75 amps continuous

Voltage 60 volts

Temperature 1200°C Flash 1 minute maximum / 900°C continuous

PBN Element 15 ohms

Insulation >20 Meg ohms @ 500 volt

EBH 14mm and 18mm Flag & EBH 25mm

2.75 amps maximum, 1.9 amps continuous / 2 amp for 25mm Heater

Voltage 30 volts

Temperature 1200°C Flash 1 minute maximum / 900°C continuous

Iridium / Thoria coated Filament (ir) 1 ohm approx. / 1.6 ohm for 25mm Heater

Insulation >20 Meg ohms @ 500 volt

XL09

3 amps maximum

Voltage 30 volts

Copper Block version 500°C Flash 1 minute maximum / 500°C continuous

Stainless Steel Block 1000°C Flash / 800° continuous

PBN Element 17 ohm approx.

Tungsten Filament (w) 0.3 ohms

Insulation >20 Meg ohms @ 500 volt

XL25

4.5 amps maximum

Voltage 60 volts

HC (Hot Carrier) version 1000°C Flash 1 minute maximum / 900°C continuous

VH (Very Hot) Block 1200°C Flash / 900° continuous

PBN Element 22.5 ohm approx.

Insulation >20 Meg ohms @ 500 volt