

# V-TUF

## V-TUF STEAM OPERATION WITH HOT BOX

With the aid of the V-TUF Super-heated steam performance kit. You can customise your “hotbox” for many demanding & specialised cleaning processes, including historical restoration & renovation projects.

### SUPER HEATED STEAM PERFORMANCE KIT:

Set up the [PRESSURE GAUGE 0 to 300BAR CALIBRATING KIT MSQ - C6.030KIT](#) below on the cold side of the HOT BOX. Remove the gauge kit once calibration.



To select the ultimate pressure suited to the surface you are cleaning, and make sure that you have the correct nozzle size (see below) to suit that pressure.

- Nozzle size: 09 - Pressure: 30 BAR
- Nozzle size: 08 - Pressure: 40 BAR
- Nozzle size: 07 – Pressure: 50 BAR
- Nozzle size: 065 – Pressure: 60 BAR
- Nozzle size: 06 – Pressure: 70 BAR
- Nozzle size: 05 – Pressure: 100 BAR
- Nozzle size: 04 - Pressure: 145 BAR

Remember: Please select the best jet spray angle too (0 degree; 15 degrees; 25 degrees; 40 degrees).

0 degree jets: <https://www.v-tuf.co.uk/spares-accessories/triggers-lances-nozzles/nozzles-holders/fan-nozzles/00-pencil-jet-nozzle>

15 degree jets: <https://www.v-tuf.co.uk/spares-accessories/triggers-lances-nozzles/nozzles-holders/fan-nozzles/150-fan-nozzle>

25 degree jets: <https://www.v-tuf.co.uk/spares-accessories/triggers-lances-nozzles/nozzles-holders/fan-nozzles/250-fan-nozzle>

40 degree jets: <https://www.v-tuf.co.uk/spares-accessories/triggers-lances-nozzles/nozzles-holders/fan-nozzles/400-fan-nozzle>

These nozzles are calibrated with the standard hot box fuel injector size of 1.35 80H

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To maintain efficient and effective cleaning above 100 deg C with your V-TUF HOTBOX there are certain very important settings that must be in place:

1. For optimal cleaning effectiveness, turn the pressure adjustment knob (anti- clockwise – to lower pressure) on your V-TUF pressure washer.
2. Calibrate the pressure (before switching the HOT BOX on) to the correct nozzle size as shown in the list on the previous page.



Picture 1

2. Please the jet into the end of the spray lance and then check your calibration on cold. Once you are happy with this then turn the thermostat of your HOTBOX on highest temperature (clock-wise – see below)



Picture 2

### Important points:

1. Run machine on this setting and you will notice the hot water will start steaming.
2. Proceed with cleaning.
3. Please note when the unit is very hot, the trigger can only be closed off for very short periods.
4. If you wish to take a break – you must turn the thermostat knob (picture 2) anti-clockwise to 0 degC and run the water cool. **Do this every time!**