

VULKAN P200 INSTRUCTIONS FOR USE

SAFETY PRECAUTIONS.

- **The instructions must be read carefully before the device is used. The brochure must be stored and kept ready for possible reference.**
- Your Vulkan Iron is a quality tool, not a toy. Please keep it out of the reach of children.
- Your Vulkan Iron contains pressurised butane gas. Keep away from direct heat and out of direct sunlight. A device that has visible damage must not be operated, on any account. The assembly and set-ups, which were carried out by the manufacturer, must not be modified. It is dangerous to carry out any unauthorised constructional modifications on the device, to remove parts or to use other parts than those permitted by the manufacturer.
- **DO NOT** puncture the body of your Vulkan Iron and do not place it in a fire or near a naked flame.
- **DO NOT** use in confined spaces. **Ensure work area is adequately ventilated.**
- **DO NOT** drop or cause hard shocks to unit or expose to temperatures in excess of **50°C (120°F)**.
- When you fill or operate your Vulkan Iron, ensure that you are not near other naked flame or combustible materials.
- Before filling with butane gas, ensure that your Vulkan Iron is switched off.
- For best results, use only branded quality butane gas. **Vulkan Gas Tools recommend Ronson Gas.**
- If the tool is found to be leaking, switch off and place in an open, well ventilated area until empty. Return to purchase outlet.
- Point your Vulkan Iron away from your body and face when igniting or filling.
- After ignition, the tip of your Vulkan Iron becomes hot very quickly; do not touch with unprotected fingers.
- Ensure that the tip of your Vulkan Iron is cool before removing or replacing it.
- **DO NOT** leave your Vulkan Iron unattended while it is in the operating mode.

FILLING

- Ensure your Vulkan Iron is switched off.
- Hold your Vulkan Iron vertically with the **TIP** pointing downwards and the **GAS REFILL VALVE** uppermost.
- Introduce the adapter of the gas refill cylinder into the **GAS REFILL VALVE** and press the cylinder vertically downwards. If you hold the Vulkan Iron up to a bright background you can observe the fill level through the **TRANSLUCENT GAS TANK**. As soon as the unit is full, liquid gas will overflow from the **GAS REFILL VALVE**. Leave for 3 minutes to stabilise.

OPERATING:

AS A SOLDERING IRON

- Point the tip end of your Vulkan Iron away from your face and body. Ensure that the red max/min \pm gas flow control is positioned at the max. (+) position of its travel.
- Push the on/off **SWITCH** forward until you can hear gas being released to the tip.
- Push the 'on/off' **SWITCH** to the end of its travel. This will ignite the gas.
- Release switch back to 'gas on' position. Ignition of the gas is confirmed when an orange glow can be seen.
- **ADJUST GAS FLOW** control to mid. position. This position will give satisfactory temperatures for most soldering jobs and conserve gas usage. Maximum gas usage 12g/h.
- To switch off and stop the gas flow, push the 'on/off' **SWITCH** down (away from the tip) this will stop the supply of gas to the tip. Alternatively, replacement of the black cap will automatically push the red on/off control to the 'off' position. Any hot air will escape from the vent hole in the end of the cap. When replacing the cap, ensure that it does not come into contact with the hot tip.

AS A GAS TORCH TOOL (Without Auto Ignition. Conforms to CPSC regulations)

- Unscrew **Collet** and remove **Tip**. Reassemble **Collet** and stainless steel **Sleeve** to Iron. Switch on gas and ignite with flint ignitor or open flame. Adjust flame height as required.

AS A HOT AIR TOOL

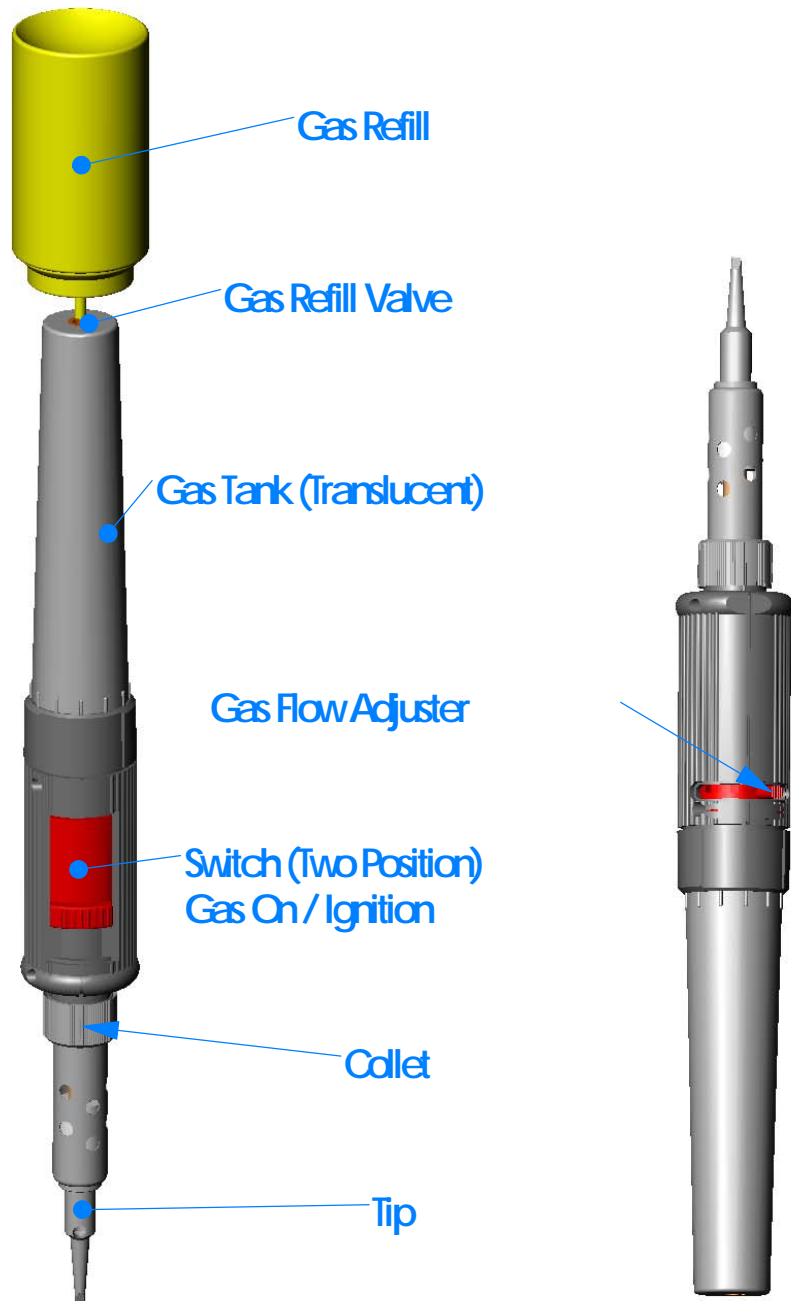
- Remove the **Collet** and tip assembly. Replace tip with **Hot Blow** attachment and tighten in place with sleeve and **Collet**. Repeat **Soldering Iron** ignition sequence as above.

NOZZLE MAINTENANCE

Refer to Nozzle Maintenance (.pdf) information

ADJUSTING GAS FLOW

Refer to Adjusting Gas Flow (.pdf) information



FAULT FINDING

Fault	Cause	Action
Does not ignite.	Tank empty.	Refill tank.
Does not ignite.	Adjuster incorrectly set.	Refer to (Adjust Gas Flow) Instructions
Does not ignite.	Loose ceramic.	Tighten ceramic by hand.
Does not ignite.	Clogged nozzle.	Refer to (Nozzle Maintenance) Instructions
Tip does not heat up.	Catalyst used up.	Replace with new tip.
Tip ignites but glow is intermittent.	Soldering Iron too cold	Warm Gas Tank in hand.
Gas flow appears to be pulsing, not smooth.	Gas setting too high.	Refer to (Adjust Gas Flow) Instructions
Reduced gas flow at maximum setting.	Vapour pressure is too low.	Refer to (Adjust Gas Flow) Instructions
	Blocked Nozzle	Refer to (Nozzle Maintenance) Instructions

HINT:

Some of the above symptoms may occur if your Vulkan Iron has been stored in very cold conditions or if you have just filled the unit with Butane Gas.

Before igniting, warm the Gas Tank of your Vulkan Iron in your hand, for about 1 minute.