

INSTRUCTIONS FOR USE OF VULKAN P50

SAFETY PRECAUTIONS.

- 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.
- **DO NOT** puncture the body of your Vulkan Iron and do not place it in a fire or 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 a 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 recommends Ronson Gas.**
- 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.
- In the event of leakage, place in an open ventilated area, away from naked flame, until empty. Then return to purchase point.

FILLING

- Ensure your Vulkan Iron is switched off.
- Hold your Vulkan Iron vertically with the **Tip or Ignitor Cap** pointing downwards and the **Gas Refill Valve (B)** uppermost.
- Introduce the adapter of the gas refill cylinder into the **Gas Refill Valve (B)** and press the cylinder vertically downwards. As soon as the unit is full, liquid gas will overflow from valve (B).
- 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. Turn the **Switch (C)** in direction of arrow until you hear gas being released to the **Tip**.
- Using the cap flint (D), aim the spark at the larger exhaust hole (E).
- Ignition of the gas is confirmed when an orange glow can be seen after 3 to 6 seconds.
- If flame sits on top of tip exhaust, reduce gas flow by turning adjuster (F) in clockwise direction.
- To switch off, reverse the above instructions.

AS A GAS TORCH

- Remove the tip assembly and fit gas torch accessory VT-5, repeat operating actions above.

TIP REPLACEMENT

- Grip the tip by hand and turn it anti-clockwise.
- If the tip assembly is hot, remove it with smooth jaw pliers.
- Place any hot tips into an open metal tray, or similar, to prevent damage to a surface or to the tip.

DO NOT FILE TIPS

NOZZLE MAINTENANCE

Refer to Nozzle Maintenance (.pdf) information

FAULT FINDING

Fault	Cause	Action
Does not ignite.	Tank empty	Refill tank.
No Gas Flow	Blocked or partially blocked Nozzle.	Refer to (Nozzle Maintenance)
Tip ignites but glow is intermittent.	Soldering Iron too cold	Warm Gas Tank (C) in hand.
Gas flow appears to be pulsing, not smooth.	Gas setting too high.	Reduce gas flow by adjusting (F) clockwise.
Tip does not heat up.	Catalyst used up.	Replace with new tip.
Flame sits on top of soldering tip exhaust port.	Gas flow too high.	Reduce gas flow by adjusting the adjuster (F) clockwise.

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 tank of your Vulkan Iron in your hand, for about 1 minute.

