

Maintenance tips for desoldering units from Weller

Units connected to pneumatic tools (mainly desoldering irons, but also hot air tools) need a maintenance routine to protect and extend the life of pumps and Venturi valves.

In the case of all units connected to compressed air lines, it is important to comply with OI's recommended pressure data (4-6 bar); the air must be clean, water and oil free.

Both stand-alone and compressed air units have two levels of protection: protection on the intake end of the unit (integrated in front of stand-alone units, external for Venturi units), and built-in protection on the desoldering iron.

The desoldering iron's filters must be checked more often and replaced when they start to become clogged with flux or soldering alloy (sometimes colorless). It is also very important that the glass tank be emptied constantly and replaced when broken or chipped. Gaskets must be checked and replaced every third time the de-soldering irons' filters are replaced.

Both stand-alone and Venturi units feature filtering on the intake end, this being the last layer of protection for the pump and Venturi valve. Autonomous units (WR 2, WR 3M, WXR 3, WMD...) have filter cartridges placed in the front of the unit: one for air flow (Air) and another for de-soldering (Vac). These filter cartridges have to be changed integrally (the whole cartridge, not single filters).

To maximize the performance and life of the Venturi valve and pump, be sure to check the filters regularly and follow these tips.

Spare Parts List

WDD 81V, WDD 161V	T0058765776
DSX 80, DSX 120	T0058760499
WR 2, WR 3M, WXR 3	Air: T0058759725 Vac: T0058759726
WXD 2	T0058765776
WXDP 120	T0058765776
DXV 80, WXDV 120	T0058741815

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