

System 15 Data Sheet



The BOFA System 15 is a mid-range tip extraction unit. Designed specifically for portability and extremely low noise levels, the System 15 is a high vacuum unit capable of extracting from up to 15 soldering iron workstations.

Carcass

Main body, central support, lid and base are powder coated Zintac

Standard Equipment

- Weight: 30kg
- Filter condition Gauge
- Noise level: below 50dba
- Integral silencer with air exhausted through top of unit
- Standard Filter set (see below)
- 50mm Diameter inlet
- Safety relief valve
- Thermal trip

Electrics

- 230v 1ph 50hz or 110v 1ph 60hz
- 2m Power Cord
- Fused IEC illuminated switch
- Full load current: 3.1amps

Warranty

- 12 month warranty
- 12 month COSHH Certification (when installed by BOFA engineers)

Standard Filter Set

Pre Filter
95% efficiency @ 0.8micron

Combined Filter
HEPA 99.997% @ 0.3 micron
Gas Filter media
Activated carbon impregnated with potassium permanganate

Maximum number of Irons / Flexi arms

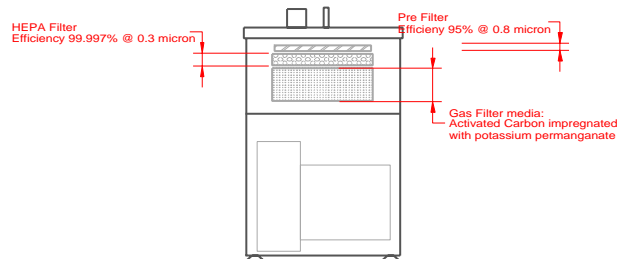
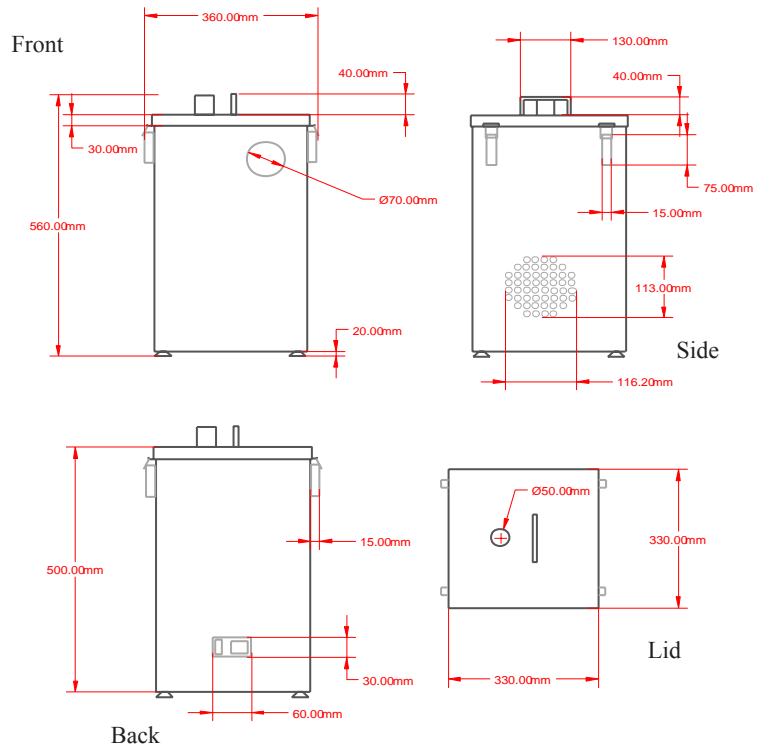
- EC:**
15 irons @ flow rate of 22-30L/M
4 flexi arms
- US:**
25 irons @ flow rate of 22-30 L/M
5 flexi arms

Blower / Pump

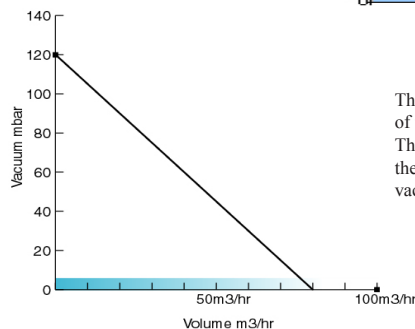
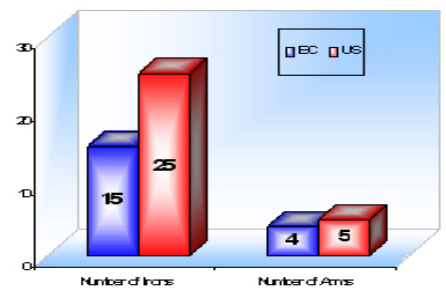
- Side Channel Blower
- 40,000 life hours
- Pressure 120m/bar
- 0.2k Output
- Airflow 70m³/hr
- IP54 Synchronous (brushless) motor

Options

VOC detection



The chart opposite shows the maximum number of soldering irons and flexi arms that the System 15 is capable of extracting from.



The chart opposite shows the performance of the pump within the System 15. The performance curve also highlights the effect of new filters on the System 15 vacuum capabilities