

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

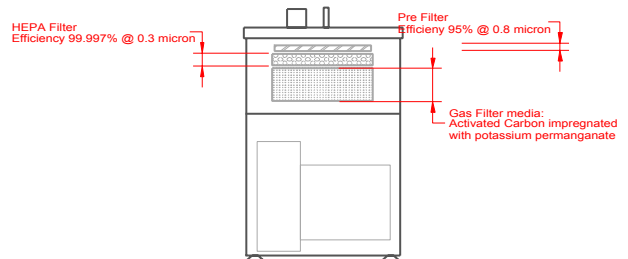
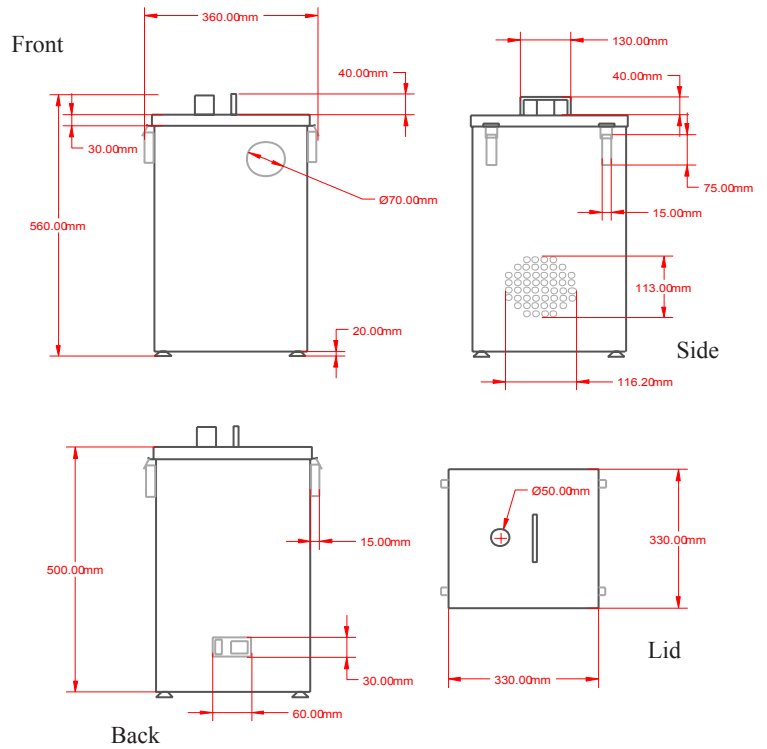
US:
 25 irons @ flow rate of 22-30 L/M
 5 flexi arms

Blower / Pump

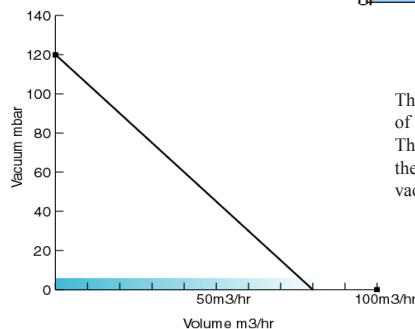
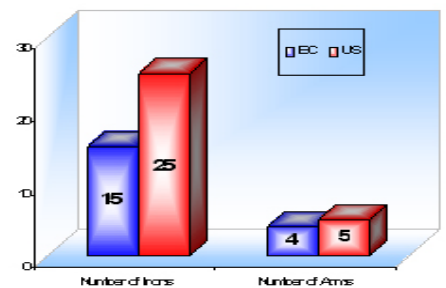
Side Channel Blower
 40,000 life hours
 Pressure 120m/bar
 0.2k Output
 Airflow 70m³/hr
 IP54 Synchronous (brushless) motor

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

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