

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

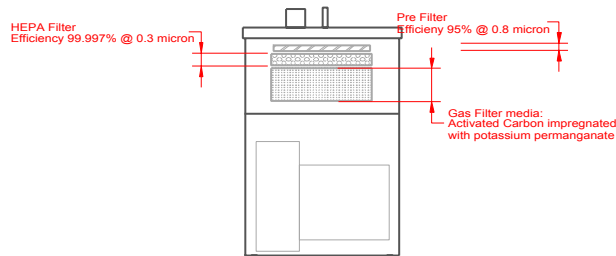
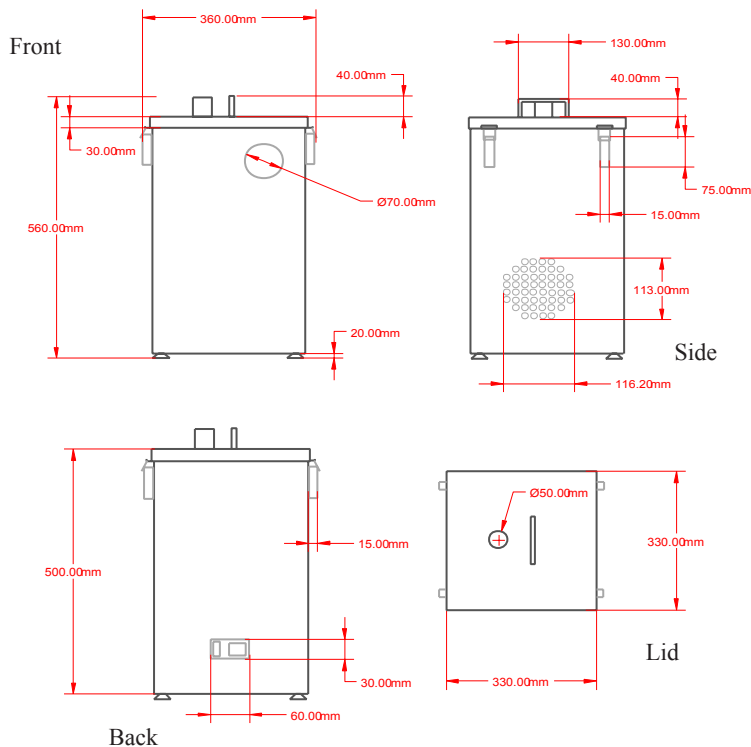
0.2k Output

Airflow 70m3/hr

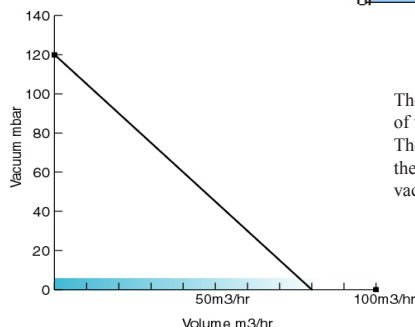
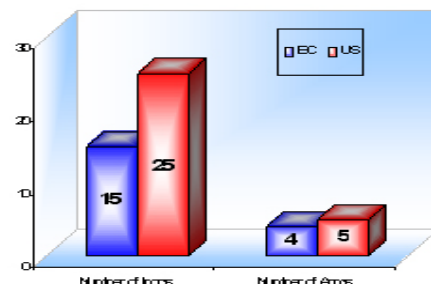
IP54 Synchronous (brushless) motor

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