

# 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

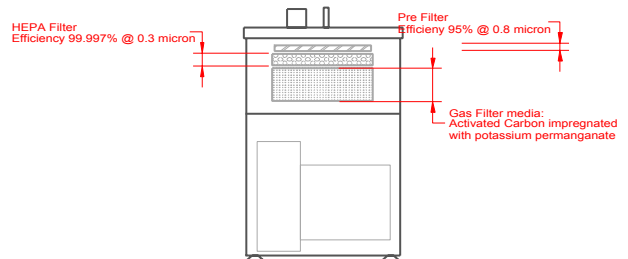
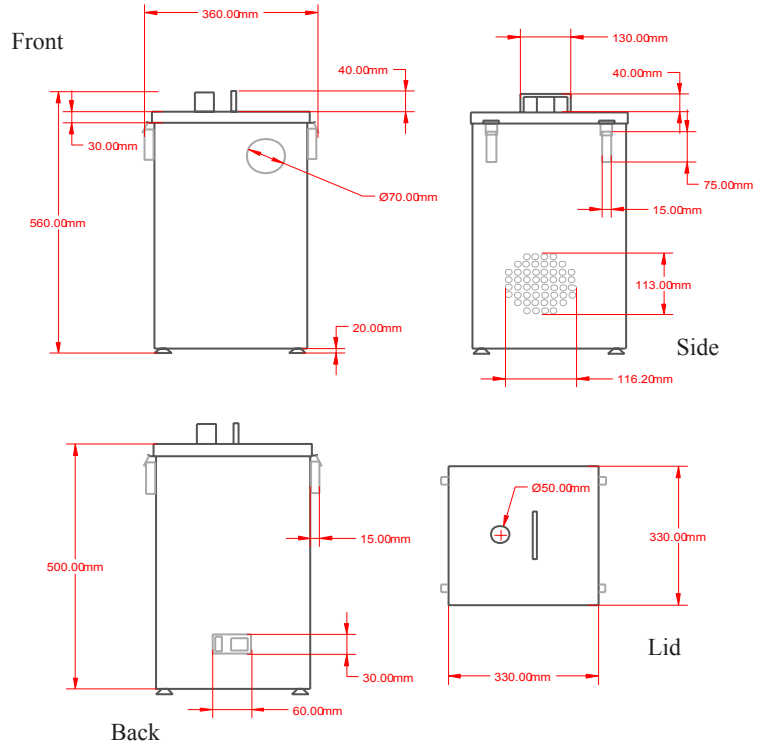
- EC:**  
15 irons @ flow rate of 22-30L/M  
4 flexi arms
- US:**  
25 irons @ flow rate of 22-30 L/M  
5 flexi arms

## Blower / Pump

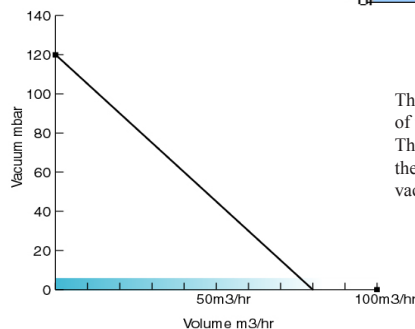
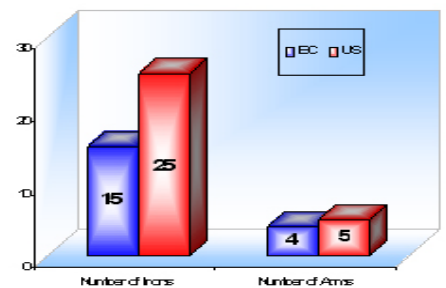
- Side Channel Blower
- 40,000 life hours
- Pressure 120m/bar
- 0.2k Output
- Airflow 70m<sup>3</sup>/hr
- IP54 Synchronous (brushless) motor

## 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