BOFA AD100 iQ

Technical specification

1. iQ Display **2.** On / off switch **3.** Power cable **4.** Signal / interface cable
5. Castors **6.** Door hinge **7.** Hose inlet connection -
125mm
8. Exhaust outlet
9. Motor cooling inlet **10.** Door latch **11.** Motor cooling outlet **12.** Standby button

Airflow through filters

Chemical filter
HEPA filter
Pre filter
Clean air
Contaminated air
Particulate

EU US
Dimensions (HxWxD) 1205 x 615 x 790mm 47.44 x 24.21 x 31.10"
Cabinet construction Brushed stainless steel / Powder coated
mild steel
Brushed stainless steel / Powder coated
mild steel 500cfm / 100mbar
Airflow / Pressure 850m³/hr / 100mbar 500cfm / 100mbar
Electrical data 230v 1ph 50/60Hz Full load current: 12.8
amps / 2.2kw
115v 60/50Hz Full load current: 19.5 amps /
2.2kw
Noise level < 63dBA (at typical operating speed) < 63dBA (at typical operating speed)
< 58dBA - with rear silencing boxes fitted (at
typical operating speed)
< 58dBA - with rear silencing boxes fitted (at
typical operating speed)
Weight 140kg 309lbs
Approvals CE cUL, UL

Surface media area 30m² approx (322.8ft²)
Filter media Glass fibre
Filter media construction Maxi fold construction with webbing spacers
Filter housing Zintec mild steel
Filter efficiency 95% @ 0.9 microns
Inlet size 125mm (0.41ft)
Dropout chamber size 58 litres
Filter media pleat size 200mm (0.65ft)

Surface media area 7.5m² approx (80.7ft²)
HEPA filter media Glass fibre

HEPA media construction Maxi pleat construction with webbing spacers
Filter housing Zintec mild steel
Treated activated carbon 34kgs (74.8 lbs)
Filter efficiency 99.997% @ 0.3 microns

Model Voltage Part No. 24V Stop /
Start
Filter change /
System failure signal
VOC monitoring
On-board compressor
AD 1000 iQ
powder coated
230V L0762 A2001 A2002 A2003 A2007
AD 1000 iQ
powder coated
115V L0761 A2001 A2002 A2003 A2007
AD 1000 iQ
stainless steel
230V L0772 A2001 A2002 A2003 A2007
AD 1000 iQ
stainless steel
115V L0771 A2001 A2002 A2003 A2007

Model DeepPleat DUO pre filter Combined HEPA/Gas filter
AD 1000 iQ A1030222 A1030297