

PORTABLE AIR CLEANER

MASTER



For Capturing:

- WELDING FUMES
- GRINDING DUSTS
- DRY DUSTS
- SOLDERING DUSTS
- POWDERS

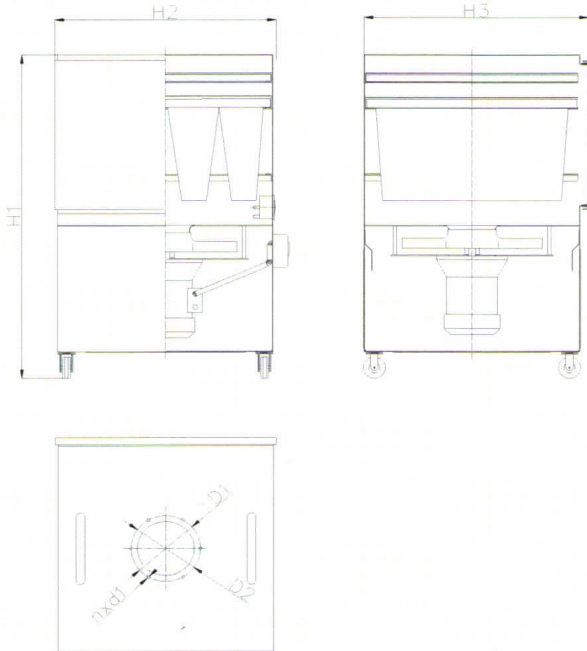
Features:

- 1000m³h@Hood
- Spark Trap
- Large Wheels
- Cassette Filter
- Compact Size
- Arm Diameter: 160mm
- Arm Lengths: 2m, 3m

Filtering Unit MASTER

The Portable Filtering unit MASTER is designed to exhaust and filter dry impurities. A highly efficient filtering cartridge (cassette EU4) makes it possible to use everywhere for processes such as welding, grinding, polishing, cutting of metals and plastics and more. The MASTER is not designed for filtering the air from corrosive, caustic and explosive gases and dusts. Its purpose is to use in places where continuous use is not required. The housing of the MASTER is manufactured of welded steel sheet. It is completely painted with polyester-epoxy powder paint. Inside there is an aluminium mesh (pre-filter), which protects the cartridge from sparks and pre filters the air. Next there is main cassette filter with filtration class EU4. The filter area is designed with a possibility to use different filters using different level of filtration. Unit is fitted with 4 swivel castors, which allow to move it around small work areas. The MASTER filtering unit is also equipped with a heavy duty Electrical on/off switch. A self-supporting Fume Arm model 1620P (160mm x 2m), 1630P (160mm x 3m) or sleeve arm 1620EP can be mounted at the top of the unit.

Dimensions



Dimensions	Unit	
H1	[in] / [mm]	40.87 / 1038
H2	[in] / [mm]	24.53 / 623
H3	[in] / [mm]	24.88 / 632
D1	[in] / [mm]	6 / 160
D2	[in] / [mm]	7.68 / 195
d1	[in] / [mm]	M6 metric thread
n	[-]	6
H (for 1620EP)	[ft.] / [m]	10 / 3,05
R (for 1620EP)	[ft.] / [m]	6.89 / 2,10

Technical Data

BOXAIR		
Airflow with arm*	[cfm] / [m³/h]	600 / 1000
Weight 1 (without arm)	[lb] / [kg]	137 / 62
Weight 2 (with 1620P arm)	[lb] / [kg]	168 / 76
Motor power supply (voltage)	[V] / [ph] / [Hz]	240 / 1 / 50
Motor power	[HP] / [kW]	2 / 1.5
Filters:		
Preliminary (metal)	[in] / [mm]	23x23x0.8 / 596x596x20
Cassette Filter	[in] / [mm]	23x23x11.5 / 596x596x292

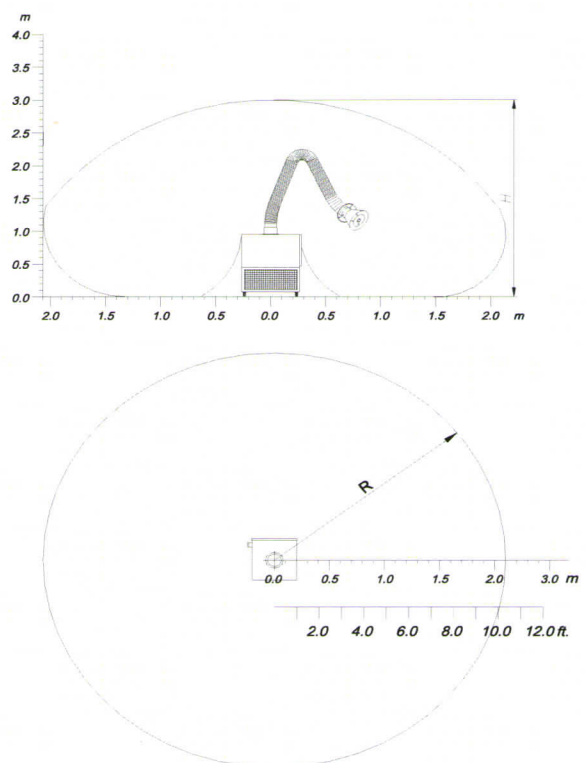
Construction Features

- Heavy Duty welded construction
- Heavy Duty Swivel Castors
- Possibility to use different types of cassette filters
- Easy access to the filters
- Low Center of Gravity to prevent tipping
- Built in Spark trap
- 1,5kW Motor
- Multiple motor voltages available
- Thermal overload for motor

Performance Features

- Recommended optionally supplied standard arm sizes
 - Arm Option 1: Sleeve 1620EP
 - Arm Option 2: 160mm x 2m
 - Arm Option 3: 160mm x 3m
- 2 Stage filtration
 - Stage 1: (1) Metal Mesh Filter
 - Stage 2: (1) Cassette Cartridge
- G2 Filter Efficiency
- 78dB(a) level @ 1m

Working Area



Working area (with sleeve arm 1620EP).

Contact us today for free advise & consultation!

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