

DOWNDRAUGHT BENCH WITH PULSE CLEANING



// FEATURES

- Integrated workbench with dust extraction system.
- Pulse-cleaned filter system for high dust volumes
- 3 standard sizes
- Various filtration options

// CONSTRUCTION

- 2mm steel, fully welded
- Powder coated

// APPLICATIONS

Designed for high volume dust extraction applications; complete with integral filter system with air-powered filter cleaning.

Typically for manual processes but can be integrated with other systems.



DOWN
DRAUGHT



EC FAN
TECHNOLOGY



DUST
EXTRACTION



FUME
EXTRACTION

FEATURES



// THE AIRBENCH FOR HIGH VOLUME DUSTS

AirBench RP is a heavy duty downdraught bench designed specifically for high volumes of non-explosive dusts.

// FILTER OPTIONS

3 standard filtration options allow us to select the most appropriate solution for your dust issue.

A final H13 HEPA filter is fitted as standard in the RPL variant.



// SIMPLE FILTER CLEANING

Filters are cleaned using compressed air; cleaning is triggered at the push of a button.

A pulse clean system removes the dust cake from each filter in turn, emptying the dust into removable trays for disposal

// CONTROLS

Supplied as standard with a simple push-button start/stop system. Filter cleaning is operated using the same 2-button system. RP can be also supplied with timed run or centrally controlled, daisy chained systems.

Speed control is available as a simple option. Every unit is fitted with filter condition monitoring via a pressure loss gauge.

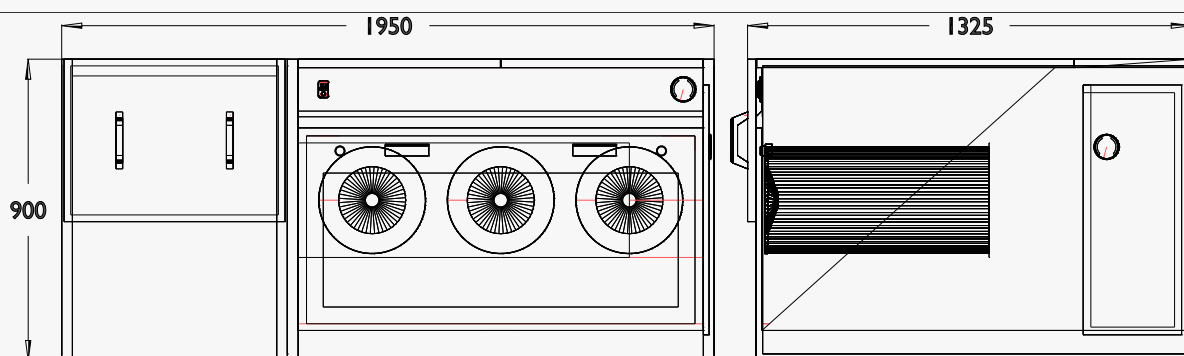


// LARGE VENTILATED AREA

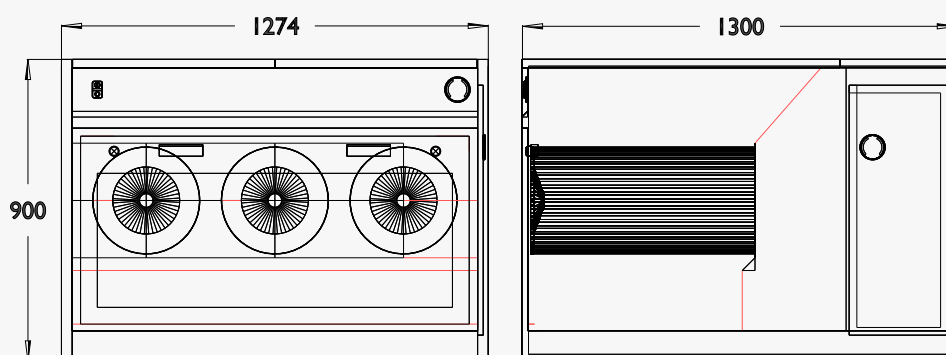
RP types all provide a ventilated area of 1200 x 900mm, allowing operators to work across a large part of the bench surface and remain protected.

DIMENSIONS

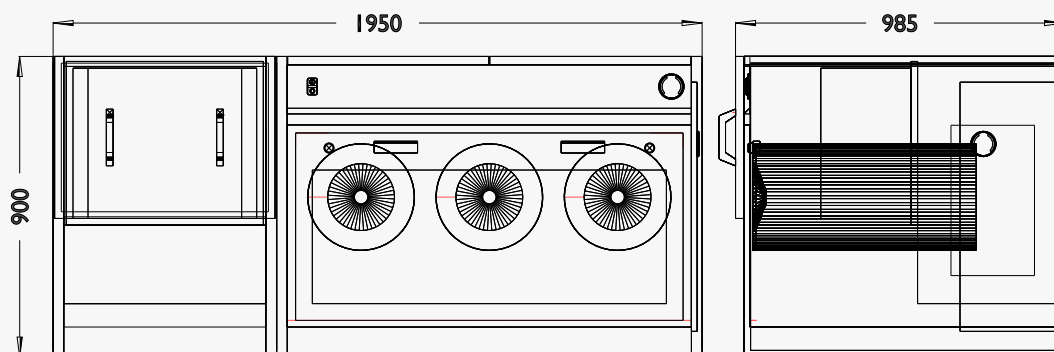
// RPL1212



// RP1212



// RP1920



// TECHNICAL DATA

MODEL	OVERALL			VENTILATED AREA		POWER kw	VOLUME @100Pa
	WIDTH A	DEPTH B	HEIGHT C	WIDTH D	DEPTH E		
RPL1212	1950	1300	900	1210	956	1.25	4250
RP1212	1274	1300	900	1210	956	1.25	4250
RP1920	1950	985	900	1210	956	1.25	4250

SPECIFICATIONS

// FILTER OPTIONS

FILTER CLASSIFICATION		FILTERS		FITTED TO UNITS
		PRE	FINAL	
M	General Dusts		F7	RP1212, RP1920
ML	Fine/Hazardous Dusts	F7	H13	RPL1212

// GENERAL

POWER SUPPLY	240v/1ph	MOTOR	Backward Curved Centrifugal Fan with EC Motor
AIR SUPPLY	Clean, dry air at 5bar	FINISH (STD)	Textured grey powder coat
NOISE LEVEL	<70dBA at 1m (excludes pulse)		

// OPTIONS

Speed control	Castors
Airline interlink	Enclosures
Timed run	Racking
Height adjustment	Alternative power supply (110v / 415v)
Special filter configurations	See airbench.com/accessories

// SEE ALSO

Carbon Filter Effectiveness

Accessories