

THE INTELIAIR™ i2m AND i3m FUME EXTRACTION ARMS



The Intelaiir I2M and I3M self-supporting fume extraction arms are designed to deliver quality and performance whilst ensuring maximum value.

- The i2M and i3M Arms will suit a range of applications from welding and grinding to food production and stone masonry.
- The i2M and i3M Arms are built with a robust steel box section frame with sprung cantilever operation.
- The i2M and i3M Units are designed to offer the best flexible operation as multi-point applications or as a moveable extraction hood.

KEY FEATURES



360° Swivel Joint



Composite Flanged Hood



Heavy Duty Flexible Duct



Robust Internal Cantilever



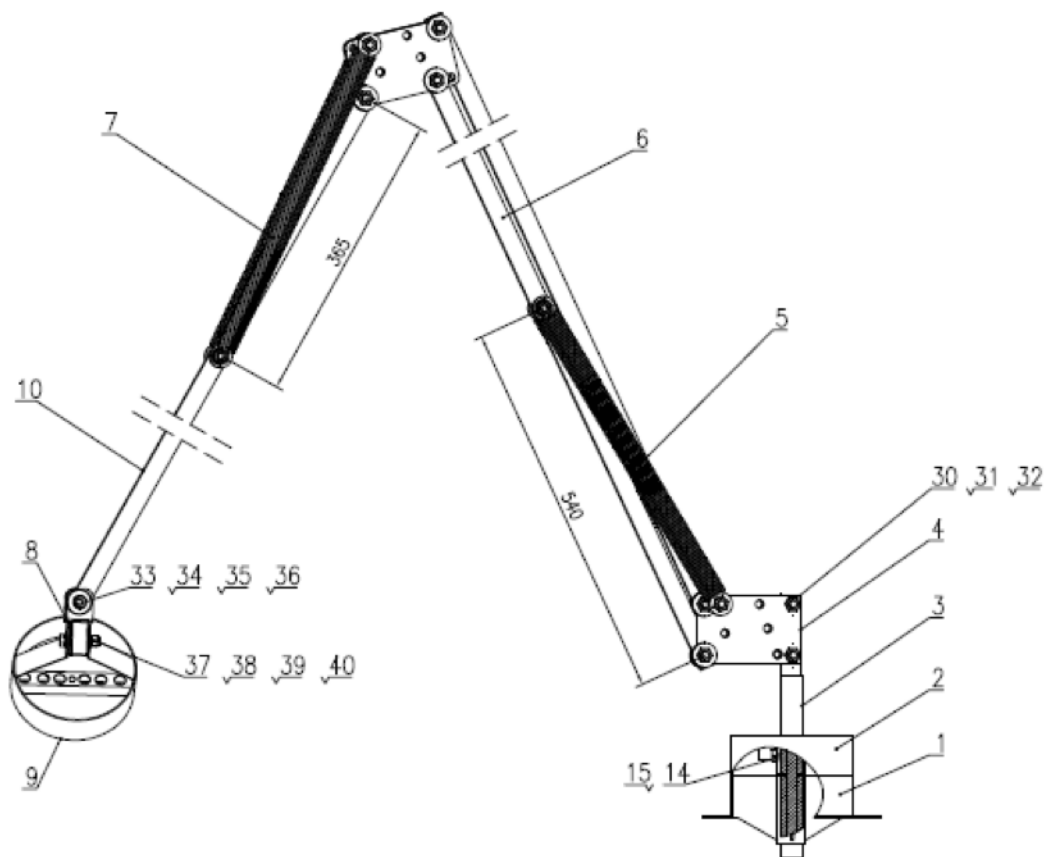
Hood Damper



Bracket for Wall or Stanchion Mounting

SPECIFICATIONS

	i2m	i3m
Air Volume	1,000m ³ /hr	1,000m ³ /hr
Pressure Drop	500pa	700pa
Ducting	PVC	PVC
Length	2 metre	3 metre
Hood Damper	Included	Included
Wall Bracket	Included	Included



The i2M and i3M Arms are supplied complete with mounting Bracket

The i2M and i3M Arms are supplied complete with Hood Damper and Durable PVC Hose

The i2M and i3M Arms are delivered ready to install

The i2M and i3M units can be delivered to suit the requirements of the most demanding customers

THE INTELIAIR™ INTELLIGENT CONTROL SYSTEM



The InteliAir Intelligent Control System is designed to give a combination of energy savings and flexibility to compliment your extraction needs

The InteliAir Intelligent Control System can be used in any Dust, Fume or Ventilation application.

The InteliAir Intelligent Control System offers cutting edge technology to the fume extraction industry.

The InteliAir Intelligent Control System can be offer with new extraction systems or retro fitted to an existing system.

KEY FEATURES



Master Control Unit



Damper Control Unit



Current Sensing Switches



InteliAir Control Switch



InteliAir Dust Extraction Dampers



InteliAir Pneumatic Control Dampers

Automatically detect demand and react accordingly.

Undertake scheduled tasks such as 'Clean' which involves the fans to be operated at full capacity with all connected positions open in order to remove dust or particulate that could have been deposited within the ductwork.

Be configured so that a minimum number of positions can be open through 'Booster' points in recognition of the fact that minimum duct velocities may need to be achieved.

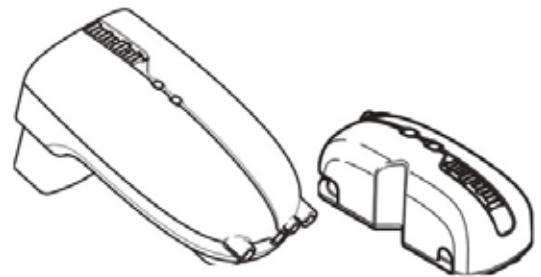
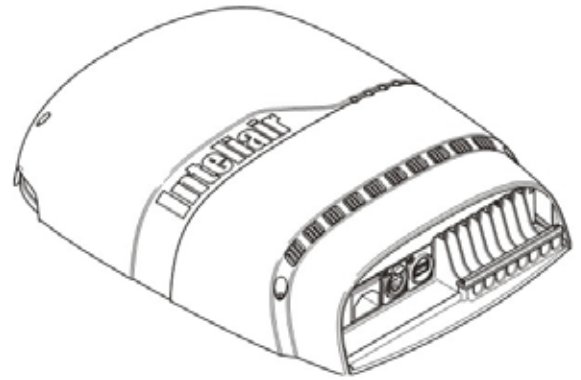
Be separated into Zones allowing different sections of the system to operate according to different rules.

Incorporate 3rd Party actuator controlled power open/spring close dampers.

Incorporate almost any 3rd Party 24v switches ranging from rocker style manual switches to PIR Sensors, thermostats and air quality sensors.

Provide an RSS Feed to subscribe for operating updates and for interlinking with BMS Systems.

Present operating data in graph format to visually indicate operating performance and energy cost over hour, day, week, month and year timelines.



THE INTELIAIR™ i20 AND i40 DUST COLLECTION UNITS



The Intelair I20 and I40 Units are multi-pocket bag filtration units designed to deliver quality and performance whilst ensuring maximum value.

The I20 and I40 Units will suit a range of applications from wood working and grinding to food production and stone masonry.

The I20 and I40 Units are fitted with an auto shaking cleaning system which operates as the unit is switched off, ensuring long term high performance.

The I20 and I40 Units are designed to offer the best quality work shop environments for the harshest environments.

KEY FEATURES



Auto
Cleaning
Function



Fully
Welded
Construction



Acoustically
Lined fan
chamber



Robust
Internal
Cantilever



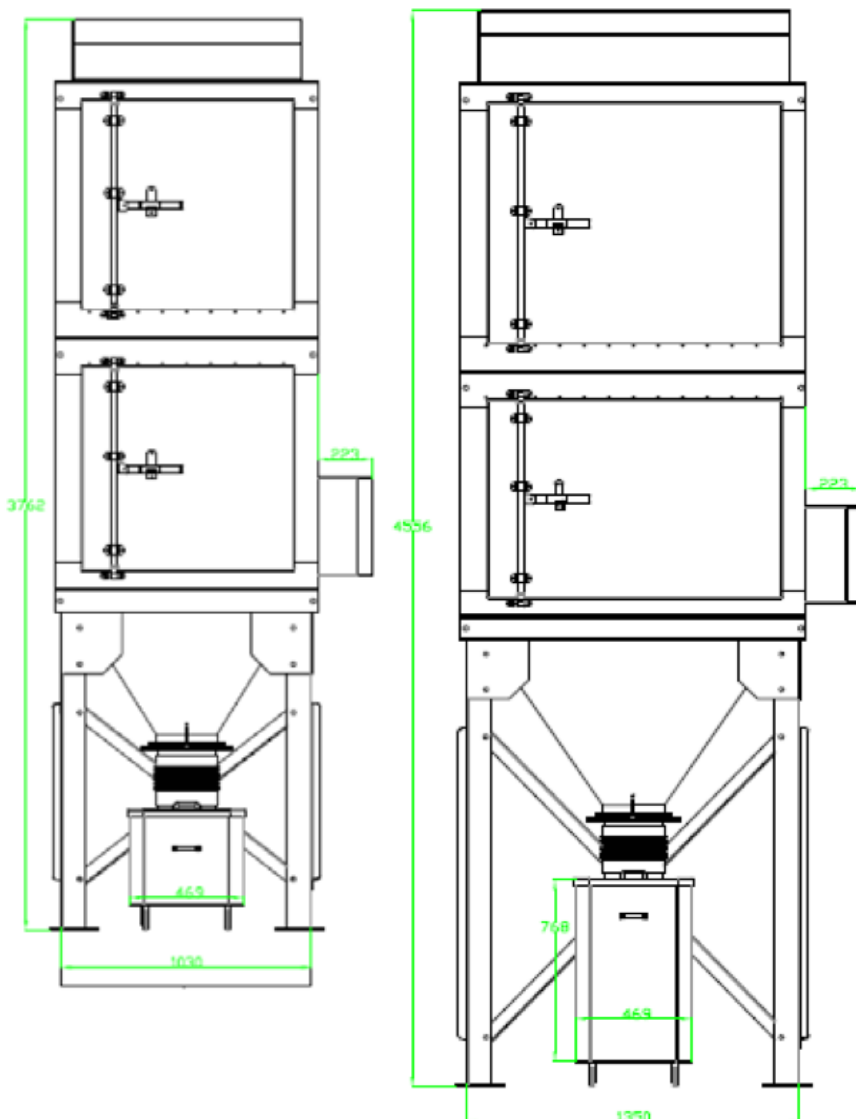
Bin Balance
System



Explosion
Relief
Panel

SPECIFICATIONS

	Inteliair I20	Inteliair I40
Air Volume	3,000m ³ /hr	6,000m ³ /hr
Motor Rating	5.5kW	11kW
Filtration	20m ² Polyester Needle Felt	40m ² Polyester Needle Felt
Bin Capacity	80 litre	160 litre
Cleaning System	Auto Shaking	Auto Shaking
Starter	DOL	Star / Delta
Power Supply	415v / 3ph / 50hz	415v / 3ph / 50hz



The I20 and I40 Units are supplied complete with a full control panel containing the fan starters and cleaning controllers.

The I20 and I40 Units are supplied complete with Explosion Relief Panels as standard

The I20 and I40 Units are supplied with Bin Balance pipes to allow for the use of plastic bin liners.

The I20 and I40 units can be delivered to suit the requirements of the most demanding customers