

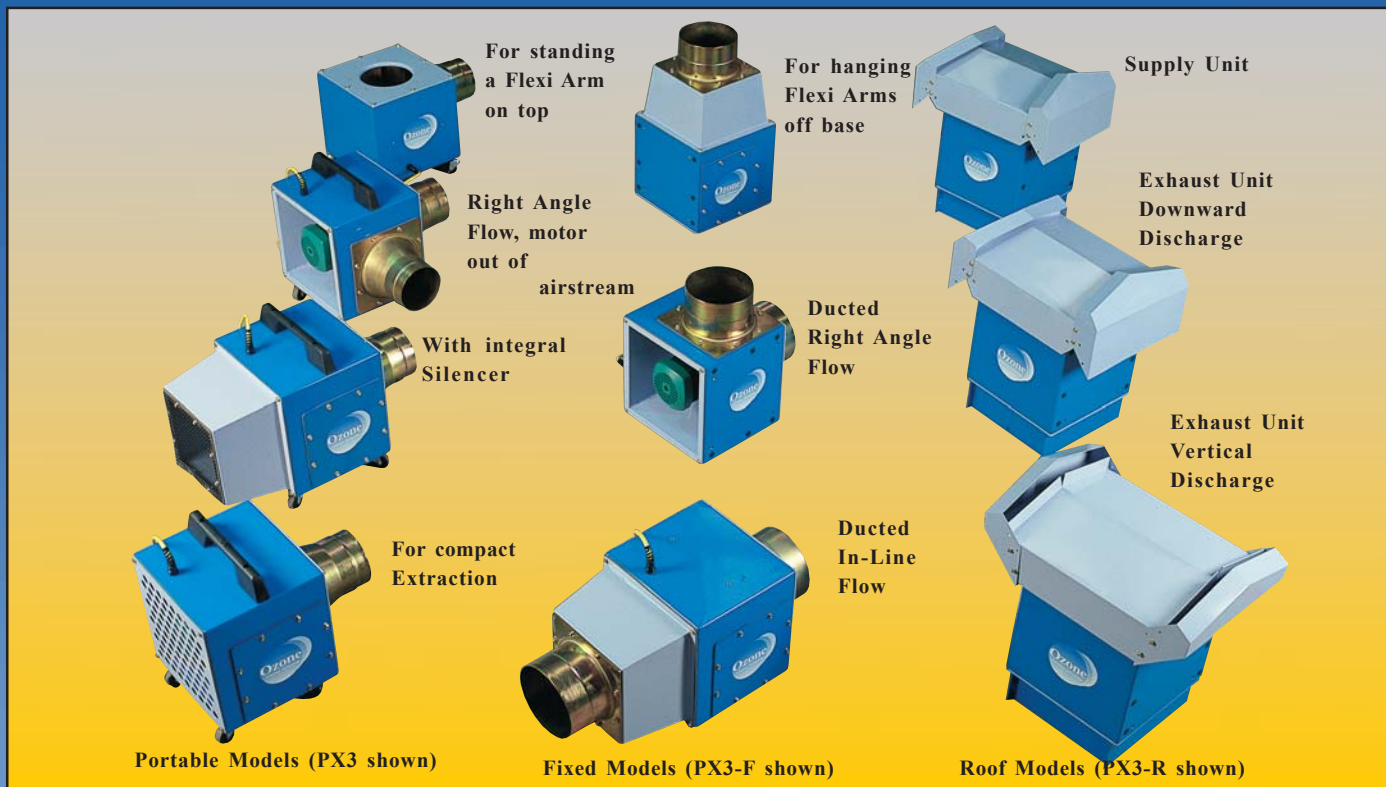


Pollution Extractors

... with the patented triple flow feature

At-source extraction of fumes, gases and other pollutants

Pollution Extractors



Portable Models

PX3, PX4

These purpose built Extractors are designed from the ground up, placing primary importance on safety and versatility.

Ozone Extractors incorporate a number of unique, innovative design features, the most significant being the patented **triple flow** system. This allows the Extractor to be site assembled into three different configurations and highlights the versatility that is the hallmark of the Ozone range. Traditional right angle flow removes the motor from the airstream. In-line flow is surprisingly quiet and compact.

The corrosion resistant case fully encloses the motor, protecting it from damage and increasing safety for the operator. Safety guards, carry handle and wheels are also supplied as standard. An inbuilt silencer keeps noise levels to a minimum.

The high performance rotors are dynamically balanced. The backward inclined "self cleaning" blades ensure performance remains consistently high.



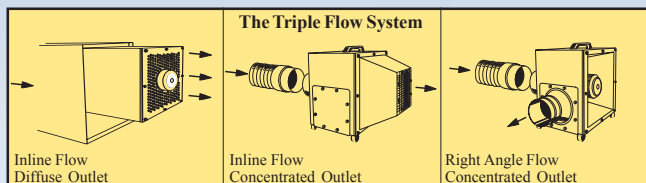
Twin inlet hoses to a PX4



Model PX3 is typically used with a 5 metre long 150 mm diameter Magnetic Hose Kit. The larger PX4 with its greater flow and pressure is suited to longer lengths of hose or twin inlet systems.

The Extractor can even be mounted on wheels with a Flexi Arm attached. These products can be used to extract and/or blow.

Ozone Pollution Extractors. An outstanding combination of quality, safety and value.



The operator can tailor a single product into any of these 3 configurations at any time. In-line flow is quiet and compact and gives a diffuse or concentrated outlet. Right angle flow removes the motor from the airstream and gives a concentrated outlet.

Pollution Extractors

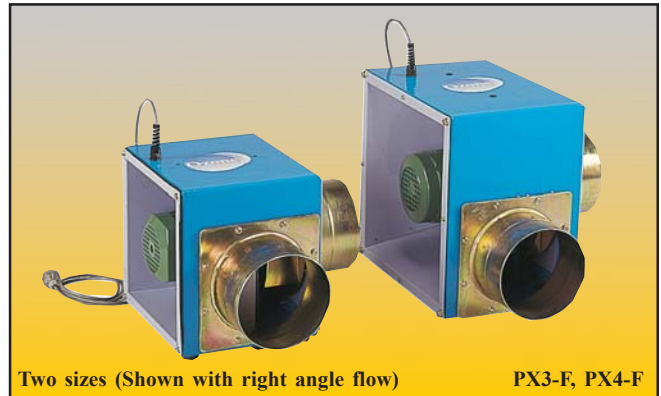
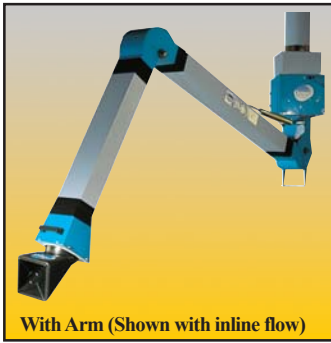
"At source extraction" of fumes, gases and other pollutants

Pollution Extractors

Fixed Models

PX3-F, PX4-F

Ozone's Fixed Pollution Extractors have a unique "all enclosed" case which bolts directly to the mounting surface - no need to order additional brackets or adaptors. Flexi Arms, in turn, connect directly to the Extractor inlet. Isolation mounts, spigots and fasteners are all supplied with the Extractor. Complemented by a large range of user friendly accessories, the Ozone system leaves little to chance.



Because they are designed as an integral part of the Ozone range, the Extractors connect directly to Ozone Reels, Beams and Arms - no other parts need to be ordered. Both models feature the patented Triple Flow System, making them suitable for any application. They can be configured on-site to become either an in-line centrifugal or a right angle centrifugal Extractor.

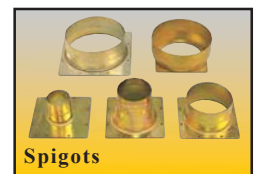
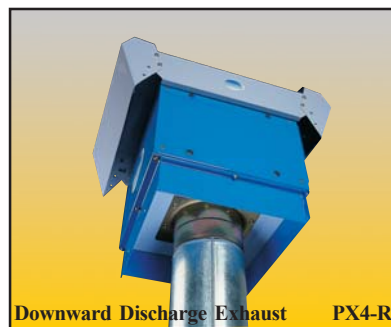


Roof Models

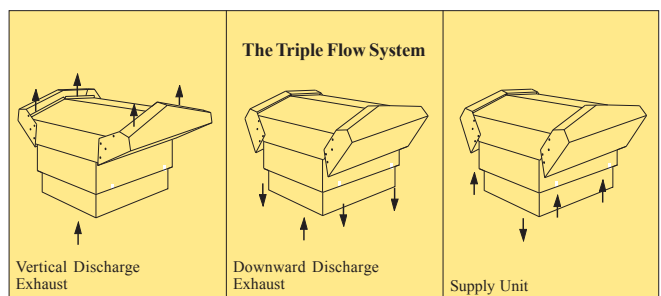
PX3-R, PX4-R

These high pressure centrifugal Extractors are custom built for roof mounting. By locating the Extractor out of the building, noise levels are kept to an absolute minimum - ideal for low roof workshops or classrooms. These fully corrosion and weather protected units are extremely simple to install.

Like the portable and fixed stablemates, Ozone's Roof Mounted Extractors can be configured in three ways - vertical discharge, downward discharge and as a fresh air supply unit - amazing three-in-one versatility.



The finish is a polymer baked coating over zinc steel. All rotors are dynamically balanced. All roof models can be operated with or without ducting. When ducting is required it connects directly to the 200 mm spigot supplied - a wide range of other sizes is also available.



The operator can tailor a single product into any of these 3 configurations at any time. Vertical Discharge is ideal for exhaust of heavily polluted air and Downward Discharge for exhaust of less polluted air. The Supply Unit is ideal for providing fresh outdoor air, blown into the workspace.

Duct Kits

Twin Flexi Arm systems are simple using an Ozone Duct Kit. Everything is supplied in Kit form. Five sizes available up to 6 m in length. Fixed Extractors bolt directly to the Duct Kits. Alternatively, Roof Extractors can be used with a riser duct to the roof. The US300 accessory is a unique flexible hose section with the same profile as the Duct Kits - ideal for bends around columns or corners.



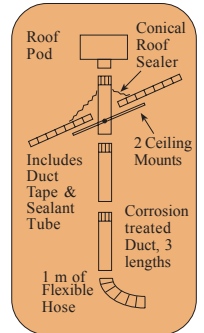
Flexi Arms

Flexi Arms are the perfect partner for Ozone Pollution Extractors. They are the only Arms on the market with absolutely no flexible hose. With this "all solid" design, high performance and minimal maintenance are guaranteed. With a 360° swivel mounting plate, flexible self-supporting joints and a unique rotating inlet hood, the Arm can be positioned anywhere the operator wishes.



Roof Kit

The professional solution for discharging pollutant to atmosphere. Simply connects to the outlet of a Fixed Extractor and includes all necessary components including conical roof sealer. The Kit has an overall length of 4 metres. The roof pod discharges vertically and prevents rain from entering the duct system.

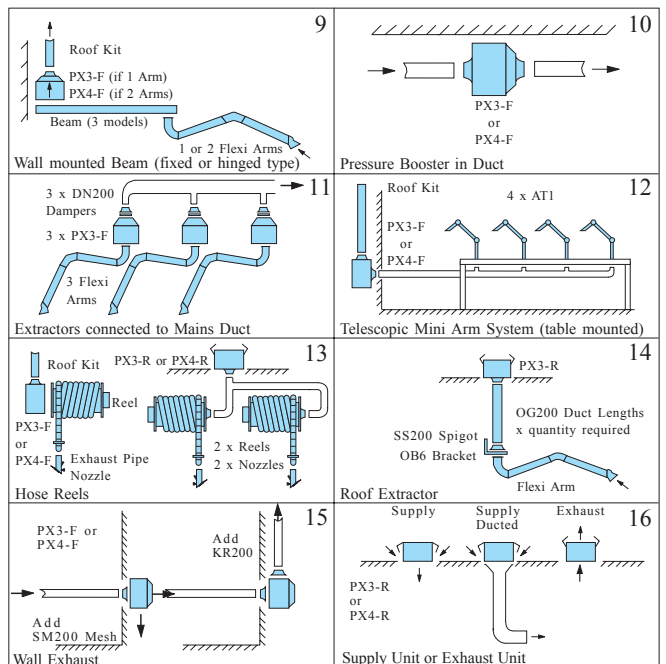
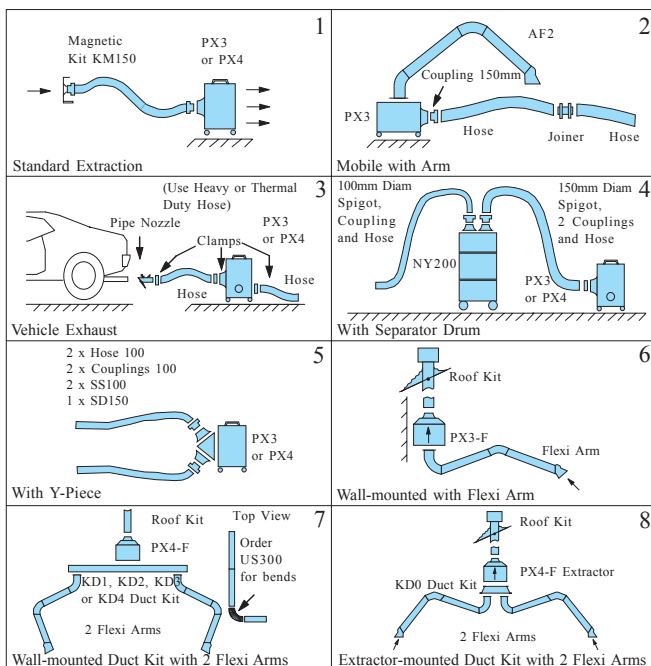


Nozzles and Hose

Ozone provides an amazing array of Nozzles and Hose for use with Pollution Extractors. Magnetic, Suction and Vehicle Exhaust Pipe Nozzles are available in various diameters. Ozone Hose is suitable for welding fume, dust, vehicle exhaust and low static applications.



Applications



Ozone products are shown in blue. All necessary connections are included with the products so they simply bolt together. The "words" in each box fully describe the set of Ozone products to be ordered for a complete system. See Accessories section for codes.

Data Table

Product Code → Type	PX3	PX4	PX3-F	PX4-F	PX3-R	PX4-R
	Portable		Fixed to wall		Roof Mount	
Power (watts)	550	1100	550	1100	550	1100
Dimensions, as standard – Width W (mm)	360	460	360	460	400	500
(case only no spigots) – Length L (mm)	325	325	325	325	580	740
– Height H (mm)	360	460	360	460	590	655
Weight, case only (kg)	21	30	21	29	29	40
Sound Pressure Level, 1m front, ducted inlet/outlet, inline flow (dBA)	63	67	63	67	61	66
Spigots included as standard, (no. x diam in mm)	2 x 150	2 x 150	2 x 200	2 x 200	1 x 200	1 x 200
Triple Flow Feature	Yes	Yes	Yes	Yes	Yes	Yes
Wheels, handle, mesh guards for spigots	Yes	Yes	No	No	No	No
Max flow when extracting, free inlet/outlet (l/s)	500	600	500	600	575	600
Recommended total flow (l/s, number of inlets)	200 (1 inlet)	400 (2 inlets)	200 (1 inlet)	400 (2 inlets)	200 (1 inlet)	400 (2 inlets)
Flow with KM150 on inlet (5m x 150mm hose, nozzle) & 2 x 90° bends (l/s)	270	380	270	380	270	380
Maximum pressure (Pa)	800	1600	800	1600	800	1600
Option Code ↓						
	– Single Phase (10m flex, plug)	Standard	Standard	Standard	Standard	Standard
3	– Three Phase (bare motor terminal)	Option	Option	Option	Option	Option

How To Order Pollution Extractors

Choose Extractor code from above table

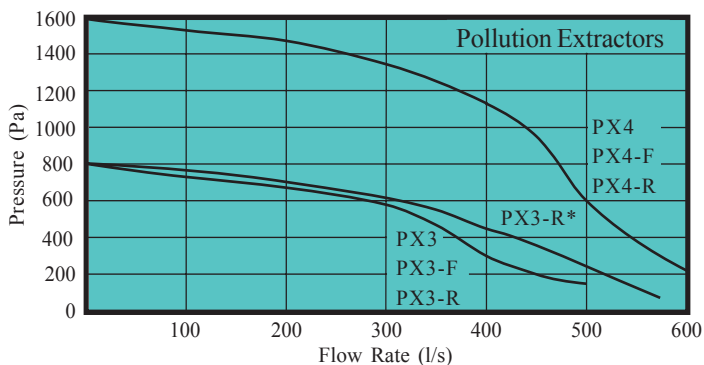
Leave blank if single phase, **3** if three phase

Then choose Accessories from the diagrams opposite

Example 1: Application 1 on previous page. Order: PX3, KM150

Example 2: Application 6 on previous page. Order: PX3-F, AF3, KR200.

Note: if ordering for overseas, also specify phase, voltage and frequency



Tested with 200mm ducted inlet (PX3-R, PX4-R) or 300mm square ducted inlet (PX3-R*), AMCA or BS type C. Tested with right angle flow, 200mm diameter ducted inlet and outlet (PX3, PX3-F, PX4, PX4-F), AMCA or BS type D. Curves show fan total pressure. Set equal to total system losses. This equals internal system loss (inlets + ducts + transitions) plus outlet loss (velocity pressure at system outlet).

Technical and Safety notes

- Pollution Extractors must be configured to Right Angle Flow, to remove the motor from the airstream, if there is any risk of inadvertently extracting pollutants which are explosive, corrosive or hot.
- If requiring a low static system, order Low Static Hose. Electrically bond between the hose/duct/extractor at all connections and then earth. Check bonding/earthing using a Resistance (ohm) meter, periodically.
- Use only Heavy Duty Hose for Welding. Use Heavy or Thermal Duty for Vehicles.
- Read Instruction Manuals provided before operating products.
- This brochure describes **standard** products, designed for use in non-hazardous areas and for use with nuisance pollutants which are not explosive, flammable, hot/incendiary, mixtures of sparks and combustibles, corrosive or toxic. If risk of toxic pollutants (concentrations in breathing zone above exposure standards/TLVs), also consider: ducting outside, product after-filters, outlet monitors, or personal respirators. Requests for non-standard products or particular capture/filtration efficiencies or filters, must be stated in writing on customer's final order and if accepted will be restated on Ozone's invoice.
- It is impossible to list all the potential safety issues associated with pollution control. Ozone is a supplier of standard products, not a consultant or contractor. We rely on the customer and their agents to safely select products, design connected systems, and install/operate/maintain these products and systems, to suit **their** pollutant. Customers should consult and comply with relevant National and State laws/regulations/standards.
- Extractor and Flexi Arm patents are pending.

How To Order Accessories

<p>Type</p> <p>Magnetic 100mm x 2.5m Magnetic 150mm x 5m Suction 100mm x 2.5m</p> <p>Includes 2 couplings</p> <p>Magnetic & Suction Kits</p>	<p>Diameter x Length</p> <p>100mm x 2.5m 150mm x 5m 100mm x 2.5m</p> <p>Code</p> <p>KM100 KM150 KC100</p>	<p>Suits 5m x 150mm diameter Hose or Magnetic Kit</p>
<p>Diameter</p> <p>100mm 150mm 200mm</p> <p>Code</p> <p>NE100 NE150 NE200</p>	<p>Exhaust Pipe Nozzle</p>	<p>Y Piece SD150</p>
<p>Model KDO</p> <p>Duct Kits</p>	<p>Length</p> <p>0.6m 1.5m 3.0m 4.5m 6.0m</p> <p>Code</p> <p>KD0 KD1 KD2 KD3 KD4</p>	<p>Square Flexible US300</p> <p>Models KD1 to KD4 (bolt to wall)</p>
<p>Includes weather proofing and mounting brackets</p> <p>Roof Kit KR200</p>	<p>Spare Duct lengths OG200</p> <p>Beams</p>	<p>Model</p> <p>3m Fixed 3m Hinged 6m Hinged</p> <p>Code</p> <p>BF3 BH3 BH6</p>
<p>Type</p> <p>Flexi 2m Flexi 3m Flexi 4m</p> <p>Code</p> <p>AF2 AF3 AF4</p>	<p>Arm Bracket OB6</p> <p>Arms</p>	<p>AT1</p> <p>50mm diameter</p> <p>Round NN50</p> <p>Transparent NT50</p> <p>Mini Arms and Nozzles to suit</p>
<p>Includes spigot & clamp</p> <p>Vehicle Exhaust Hose Reels</p>	<p>Type</p> <p>Electric Remote Manual</p> <p>Code</p> <p>RE RR RM</p>	<p>Includes Wheeled Dolly and Lever Lock</p> <p>Separator Drum NY200</p>
<p>Type</p> <p>1 x 100 2 x 100 1 x 150 1 x 200 1 x 300 Mesh Guard</p> <p>Code</p> <p>SS100 SD100 SS150 SS200 SS300 SM200</p>	<p>Spigots</p>	<p>Diameter</p> <p>50mm 100mm 150mm 200mm</p> <p>Joiner Code</p> <p>UJ50 UJ100 UJ150 UJ200</p> <p>Cuff Code</p> <p>UC50 UC100 UC150 UC200</p> <p>Clamp Code</p> <p>UK50 UK100 UK150 UK200</p> <p>Joiners</p> <p>Couplings</p> <p>All 5m lengths</p>
<p>Diameter</p> <p>50 mm 100 mm 150 mm 200 mm</p> <p>Heavy Duty</p> <p>HH100 HH150 HH200</p> <p>Regular Duty</p> <p>HR50 HR100 HR150 HR200</p> <p>Low Static</p> <p>HL50 HL100 HL150 -</p> <p>Thermal Duty</p> <p>HT100 HT150 HT200</p> <p>Hose</p>		

Useful Conversions

- 1m = 1000mm = 3.38 feet
- 1kg = 1000g = 2.20 pounds
- 1Pa = 0.102mm water = 0.004 inches water
- 1L/s = 3.60m³/hr = 2.12cfm
- 1kW = 1000W = 1.34hp

Ozone Pollution Technology,
Sydney Head Office, 212 Silverwater Road,
Silverwater NSW 2128, Australia.
Phone 02-9748 7748
Fax 02-9748 7749
E-mail sales@ozonetec.com
Website http://www.ozonetec.com