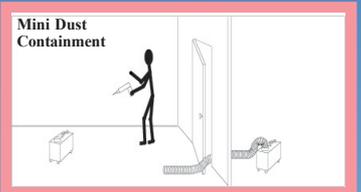
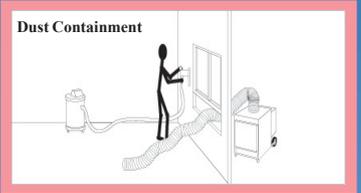
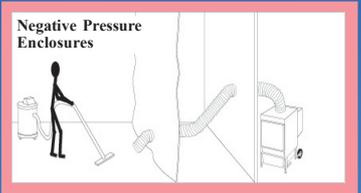
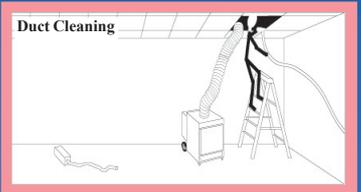




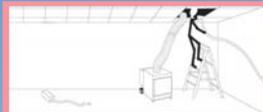
Duct Cleaning Unit with 300mm inlet Hose

ND8, KH300 Inlet Hose, SS301 Adaptor



Duct Cleaning Unit ND8

For capturing dust & debris, dislodged when cleaning the inside of a building's air duct system.



The new generation Duct Cleaning Unit, model ND8, is equipped with an impressive array of features. These include a slide-out 40 litre dust drawer, cleanable 20m² filter cartridge, 300mm top inlet for Hose, Canister or Flexi Arm inlet, and optional in-built filter cleaning system. The compact, all enclosed design fits through a standard doorway. The remarkably high flow rate is generated from a standard single phase power supply.

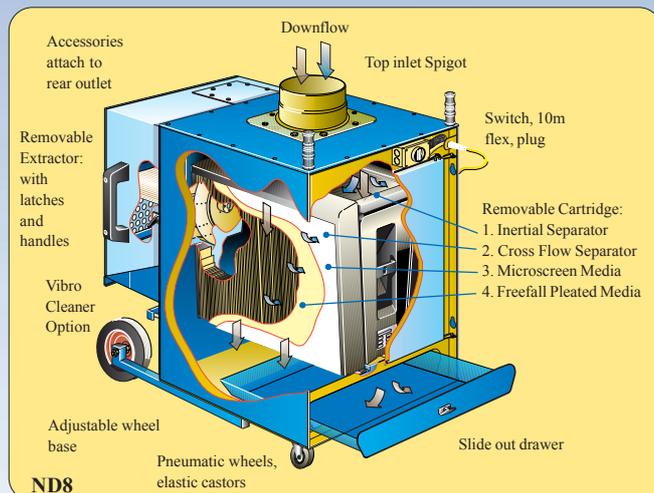
The clever Ozone Canister accessory stores a full 5 metre length of flexible hose and can be attached to the Cleaner inlet making it easy to move between duct registers. Simply pull out the



With Canister on inlet & Hose on outlet

necessary length of hose, leaving the unused hose neatly stored within the Canister.

When total protection is necessary, flexible hose can be simply added to the Unit's outlet to discharge filtered air outside the building. Alternatively, HEPA or ULPA-rated filters can be added. Gas odour filters are also available.



With Flexi Arm inlet & After Filters

The unique Ozone Flexi Arm accessory is ideal for quick relocation between duct registers. It is self-supporting, swivels 360° at the base and has a rotating inlet hood. The all-solid design ensures minimal dust contamination.

The Extractor and the Cartridge are easily removable from the product. This results in 3 separate components for lightweight transport.

Contractor Dust Collectors

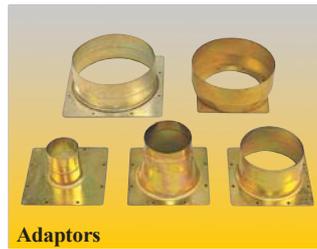
Duct Cleaning, Negative Pressure Enclosures, and Dust Containment

An Ozone Adaptor can be used to seal the hose inlet to a ductwork register. The 1000 litres per second extraction rate creates sufficient negative pressure within the duct system to prevent leakage. It ensures the dislodged dust and pollutant does not re-settle but travels along the duct and hose, then into the Unit's collection drawer.

The patented Ozone Channel Cartridge has a 4-stage filtration process. It includes an inertial separator, micro-screen and a massive 20m² of pleated media with ultra high efficiency.

Peak performance is easily maintained even while still on site by a semi-automatic, in-built Vibro Cleaner. This cleans the filter by combining the benefits of mechanical vibration and reverse flow compressed air.

The Vacuum Gulper accessory is useful for removing debris within ductwork and for cleaning the floor area, if necessary, at the end of the job.



Adaptors



Channel Cartridge



Vibro Cleaner Option



Vacuum Gulper

Negative Pressure Unit NL7

For creating negative pressure in a sealed enclosure, when removing toxic dusts.



This latest generation design is the professional choice for removing toxic pollutants, dusts, etc. By creating a negative



NL7, KH300

pressure within the enclosed workspace, dust is prevented from escaping to pollute the surrounding area. Designed with experienced contractors, the NL7 has 2 unique features: Filter Cleaning and Inlet Hose. Filter cleaning is in-built. The Vibro Cleaner maintains a large primary filter, using vibration and compressed air to transfer dust into a bin.

Therefore, the HEPA secondary filter lasts up to 30 times longer than on old style units. Savings in filter costs and maintenance time are dramatic.

Inlet Hose is connected between the Unit and the enclosure. Therefore, the installer has more flexibility in locating the NL7 next to the enclosure, away from it or even outside the building. Safety is increased, noise reduced and sealing the hose is simple. (Old style units must be located through the enclosure wall, due to the constant need to vacuum or replace pre-filters).

Other features supplied as standard include:

- Pneumatic tyres - for on-site manoeuvrability.
- Special high flow HEPA - DOP certified to 850L/s.
- HEPA seals exposed - for visual inspection.
- High pressure rotor (1500Pa) - double other brands.
- Variable flow rate - without sacrificing pressure.
- Sliding gate on inlet - to seal during transport.
- 80 litre dust bin - used with bin bags.
- Only 300mm hose required - other sizes available.

Larger models are also available with fully automatic filter cleaning and in-built compressed air, for large sites.

Dust Containment Unit NC7

For dusty work at a client's site. Using hose from outside the building, or recirculating inside.



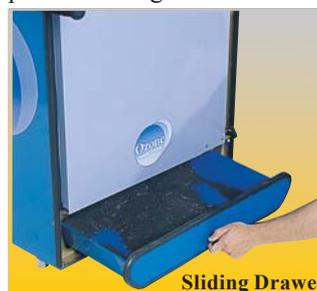
NC7-V, KH300

On-site work with power tools can create a significant dust problem, contaminating electronics, air conditioning systems, furnishings, walls, as well as compromising personnel health and safety.

Dust laden air is sucked by the NC7 out of the workspace, through hose, via a window or door. Therefore, fresh make-up air enters the

window/door and no dust escapes to adjoining areas. Dust in the workspace itself reduces dramatically. The contractor's visibility, productivity and respiratory health is also improved. Alternatively, the NC7 can be placed fully within the room to act as a mobile recirculator, to constantly clean the air.

At the heart of each Unit is the patented 10m² Ozone Channel Cartridge. An impressive four-stage process provides long filter life and efficiencies generally greater

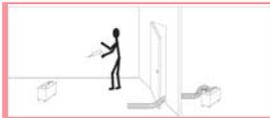


Sliding Drawer

than 99.9%. The Vibro Cleaner option allows quick and safe in-product filter cleaning. The Cage accessory is useful for storing tools, whilst the Silencer accessory significantly reduces noise. Dust is collected in a 40 litre drawer.

Dust Containment Unit NC2

For dusty work at smaller sites. Using hose from outside the room, or recirculating inside.



The compact NC2 is ideal for smaller rooms - renovating bathrooms, laundries, hospital rooms or hotel suites, for example. Like its larger stablemate, the NC2 Unit can be ducted to the room to stop dust escaping and to clean air in the room itself. In certain applications the hose inlet can be positioned quite close to the dust source for semi at-source extraction, improving operator visibility.

Alternatively, the NC2 Unit can be positioned within the room and used as an air recirculator to constantly clean the air. Recirculation is a simple method that yields good results in small spaces.



The NC2 is ideal for the busy contractor, with handle and wheels for portability. It includes rubber feet and an electric foot switch



NC2, KH100

The flame retardant filter is ultra high efficiency and also ideal for on-site welding fume control, in conjunction with a Hose Kit accessory. The filter is cleanable, keeping maintenance costs low. The compact case is robust and corrosion proof. A five litre dust drawer simply lifts out of the NC2 for emptying. The motor is an induction type, rated for continuous use.

Ozone Generators

CF1-4000

The perfect companion for a contractor's duct cleaning kit. Removes odours, bacteria and viruses from duct linings and insulation. Simply attach a hose to the spigot, and pump ozone gas into the duct section through the same access hole used to clean out dust and debris. The CF1-4000 sterilises the entire duct. Features a 3-layer laminate case and variable output (up to 4000mg per hour).

Also ideal for removing fresh paint odours and other similar work related smells.



CF1-4000

Other models available for continuous duct dosing.

HEPA Vacuum Cleaner

VH4

HEPA-Rated Vacuum Cleaner for cleaning up from dust removal sites. Supplied with plastic bags for safe dust disposal, and an inlet plug to seal the Cleaner when the Vacuum Kit is disconnected.

Unlike conventional cleaners, the HEPA filter is located before the motor, allowing the motor to be serviced without risk of contamination.



VH4

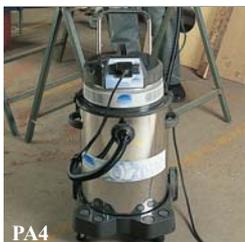
Includes a stainless steel bin and an 8-item tool kit. Lightweight for wheeling or carrying.

Power Tool Dust Collectors

PA4, PA5

Capturing dust from powertools the moment it occurs. Suitable for metal dust, fibreglass, plastics, wood, etc, from powertools fitted with dust extraction manifolds.

Featuring sophisticated electronics which automatically start and stop the Cleaner as the powertool is used. Simply plug the powertool into the socket on the Cleaner.



PA4

Model PA4 is used for electric powertools. Model PA5 is for pneumatic/air tools. Dust is captured through an efficient four-stage filtration process.

Floor Sweepers with Suction

VF5

Floor Sweepers are ideal for cleaning large floor areas, with a cleaning rate up to 2800m² per hour.

Model VF5 has a unique dual cleaning action. A large brush rotates against the floor, lifting debris into its two waste containers, whilst a battery driven extractor vacuums up fine dust into a cleanable cartridge filter. This battery extractor feature is essential for indoor use, as it stops the creation of fine airborne dust during the sweeping process.

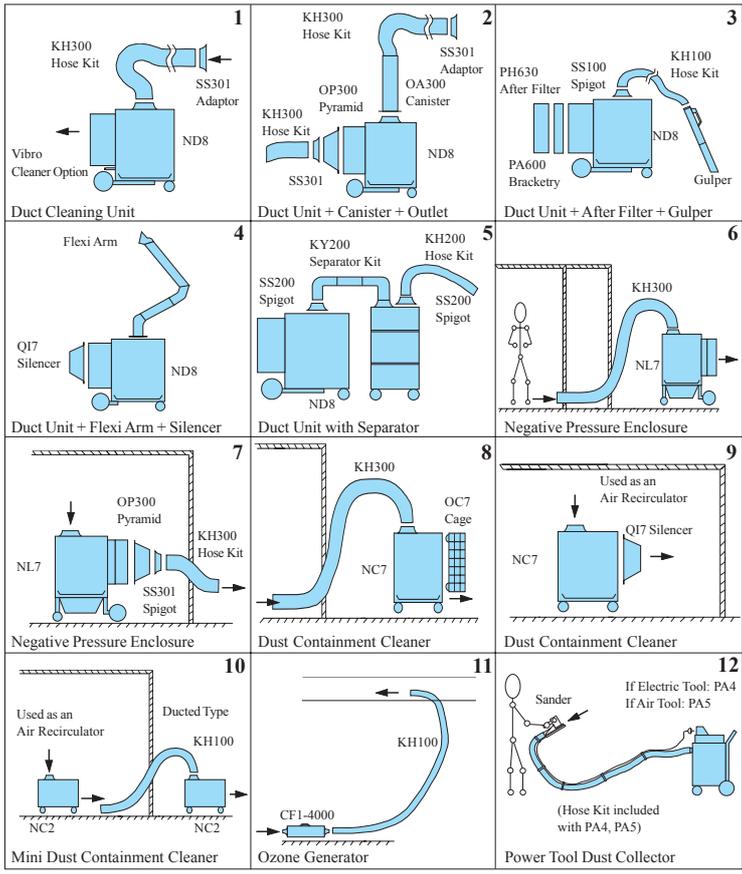


VF5

Data Table

Collector Code →	ND8	NL7	NC7	NC2	CF1-4000	VH4	PA4	PA5	VF5
Type	Duct	Neg Pressure	Dust	Containment	Ozone Gen	HEPA Vac	Electric Tool	Air Tool	Sweeper
Filter Media area, main filter only (m ²)	20	10	10	5	-	1.1 (HEPA)	2.3	2.3	0.7
Dimensions, as standard – Width W (mm)	730	740	740	320	140	470	470	470	750
(case & wheels only) – Length L (mm)	980	1130	700	570	550	500	500	500	1250
– Height H (mm)	1030	1030	1030	450	170	800	800	800	950
Weight, as standard (kg)	50+50+25	175	135	26	6	15	15	17	31
Sound Pressure Level, semi-reverberant, 1m front, ducted inlet (dBA)	74	69	73	65	-	67	67	67	50
Extractor (all 1-phase) – rated power (kW)	2.2	2.2	2.2	0.55	0.1	1.6	1.6	1.6	DC Brush, 12V
Container Capacity (litres)	40	80	40	5	-	50	50	50	38
Rated Flow, filtered product (l/s)	1050	850	850	130	40	60	80	80	40
Maximum Pressure, filtered product (Pa)	1500	1500	1500	1080	-	21,000	21,000	21,000	-
Maximum Flow, bare extractor (l/s)	1500	1500	1500	200	40	60	80	80	50
Spigots included (Nos) to suit Hose diameter (mm)	1 x 300	1 x 300	1 x 300	1 x 100	2 x 100	1 x special	1 x special	1 x special	-
Typical Inlet/Outlet connected (order accessories)	KH300, OA300, AF2	KH300	KH300	KH100	KH100	Vac Kit (included)	Hose & Vac Kit (inc)	Hose & Vac Kit (inc)	-
↓Option Code									
- Filter Cleaning – Manual	Standard	-	Standard	Standard	-	Standard	Standard	Standard	-
V – Vibro	Option	Standard	Option	-	-	-	-	-	Standard

Applications (illustrating use of accessories)

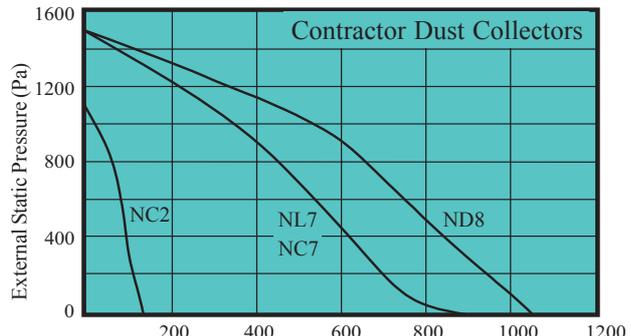


How to Order Accessories

Diameter	Code			
300	KH300	Holds 5 metre KH300 Hose Kit		
All with regular duty hose	200 KH200			
	150 KH150			
	100 KH100			
Hose Kit (5m long & 2 couplings)		OA300 Canister	AF2 Flexi Arm	
Diam	Face (mm)	Code		
300mm	360 x 360	SS301	Gulper NG100	
300mm	260 x 260	SS300		
200mm	260 x 260	SS200		
150mm	260 x 260	SS150		
100mm	260 x 260	SS100		
Adaptors/Spigots			Pyramid OP300	
Diameter	Clamps	Joiners	Hose	
300mm	UK300	UJ300	HR300	
200mm	UK200	UJ200	HR200	
150mm	UK150	UJ150	HR150	
100mm	UK100	UJ100	HR100	
Clamps, Joiners, Hose				Includes Drum, Lever Lock, Dolly, Duct, 1 x 200mm Spigot
Used with KH200 and SS200 to inlet of Separator Kit				
Separator Kit				KY200
Product	Pre-Filter	Main Filter		
ND8	MM8 (order 2)	CR8 or CP8		
NL7	-	CR7 or CP7		
NC7	MM7 (order 2)	CR7 or CP7		
Replacement Filters:				Large Products
Type	Max Flow (Required)	Code		
Standard Cartridge	PA4, PA5	2963GA		
HEPA Cartridge	VH4	2961GA		
Paper Bag (1)	VH4, PA4, PA5	2391AM		
Coarse Pad	VH4	2962SA		
Nylon Skirt	VH4, PA4, PA5	2680AM		
Plastic Bag (1)	VH4	2902PB		
Flat Filter	VF5	2681AP		
Round Cartridge	NC2	CR21		
Replacement Filters: Small Products				After Filters: for ND8, NL7, NC7

Technical and Safety notes

- For toxic dust removal refer to your national and local legislation, standards and codes.
- For Duct Cleaning procedure, refer to your national and local legislation, standards and codes, when available. Otherwise refer to Industry standard by NADCA (National Air Duct Cleaning Association)
- All models are single phase and operate under standard residential amperage.
- 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, or corrosive. If risk of toxic pollutants (concentrations in breathing zone above exposure standards/TLVs), then also consider: ducting outside, product after-filters, outlet monitors, or personal respirators. Any request for non-standard products, or for particular capture/filtration efficiencies or filters, must be stated in writing on the 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, Flexi Arm and Channel Cartridge patents are pending.



Curves show static pressure at Collector inlet. Set equal to static pressure of upstream system (system losses + velocity pressure at inlet). Tested with clean filters, inline flow, ducted inlet (NC2 100mm diam, other models 300mm), diffuse outlet, NL7 outlet guard removed, standard Collector at end of system (AMCA or BS type C).

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

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