



NB38, NB39, ET2, KU50

LI2, AM0, NT38, NQ50

These unique workcentres are designed for staff and technicians who work mainly at a desk or table in a commercial environment. It is critical that fumes, dusts and gases are captured at source before they reach the breathing zone. These products clean the air in the operator's personal workspace, protecting health and safety and improving productivity.

Enclosures

Models ET2, ET7

Transparent Enclosures contain pollutant by developing an "air curtain" across their opening. Two sizes are available, both ergonomically designed to suit either seated or standing operators. Ozone Enclosures feature excellent optical quality, strength and corrosion resistance.



ET2, KH50

Ideal for chemists, laboratory technicians, graphic artists using toxic pens, hospitals using ultrasonic baths, solvent drying, hearing aid manufacturers, plaster work, museums for cleaning

artifacts, microscope usage, pathology labs, micro abrasive blasting, dental mould pouring, mould pressing, instrument use and many other applications. The Hand Glove Pack accessory converts the ET7 Enclosure to a fully contained glove box. A Low Static Polish accessory prevents dust buildup on the inside surface and maintains optical quality.



ET7, KH100



ET7 & Hand Glove Pack

Desk Hoods

Models NB38, NB39

These technologically advanced Desk Hoods simply connect to the front edge of the workbench. They are the first choice in extraction for intricate, dust generating work with handheld tools. Ideal for jewellery manufacturers, dental laboratory technicians, hearing aid manufacturers, goldsmiths.

Model NB39 incorporates a telescopic section and is supplied with two hoods, both reversible, resulting in four different configurations. Model NB38 can be used with either forward or reverse extraction and includes a transparent shield. Both models have pre-filters for reclaiming workpieces.



NB39



NB39



NB38, LA2

Personal Air Cleaners

Workcentres for Laboratories, Hospitals, Dental Technicians, Jewellers, Salons, etc.

Arms

AT1, AM0, KU50, NU50

Two self-supporting Arms are available with a wide range of nozzles. These versatile and innovative Arms are suitable for laboratory chemicals, fumes in manicurist's salons, dental technicians, glue fumes, hairdressers, beauty therapists, dental surgeries, patient degassing in hospitals, laser surgery plumes, odours in mortuaries and many other applications.

The Universal Nozzle, model NU50, can be configured in three different shapes by the operator. It connects to Arms or Hose. Fabricated from anodised aluminium, it provides strength, lightness and corrosion resistance.



Tubular Arms:
AM0 as standard AM0 + Round Nozzle AM0 + Transparent Nozzle



Telescopic Arms
AT1 + Transparent Nozzle AT1 + Round Nozzle AT1 as standard AT1 + Slot Nozzle AT1 + Universal Nozzle



Universal Nozzles

The Tubular Arm, model AM0, is constructed from flexible, polished stainless steel. With its small diameter and 500 mm overall length it is ideal for light pollutant applications. It is supplied with a manual shut-off damper and mounting bracket and suits several Ozone nozzles.

The remarkable Telescopic Arm, model AT1, is extremely flexible. The Arm has two elbow joints, two swivel joints, and a 200mm long telescopic section. This combination of joint technology allows the Arm's inlet to be positioned anywhere the operator wishes. The elbow joints feature a positive locking system. The AT1 includes damper and bracket and suits numerous Ozone nozzles.



Manicurist's Salon

Capture Hoods & Separators Models NQ50, NY50



Capture Hood NQ50

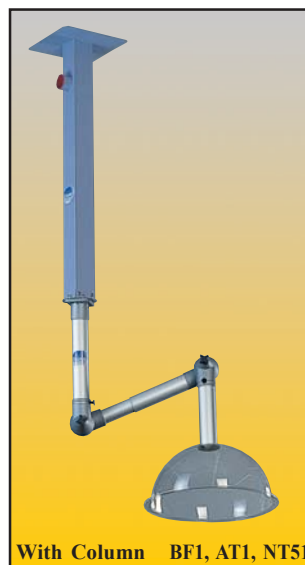
The Capture Hood is suitable for a wide range of applications including: dental lathes, jewellers' lathes, buffing wheels, grinding wheels, etc. When connected to an LI2 Cleaner, it creates your own Personal Dust Collector.



Separator NY50

For high pollutant loads (with Capture Hoods or Desk Hoods), the Separator can be used. Its cyclonic action increases filter life and aids retrieval of precious particles. A removable bucket simply clips to the base.

Hanging Arms & Columns BF1



With Column BF1, AT1, NT51

Arms can also "hang" from the ceiling or wall. When fitted to the ceiling the BF1 Column is typically used.

Combining an Arm with the large Transparent Hood NT51 is ideal for dental surgeries, hairdressing salons, etc.



Wall Mounted AT1, NT51

Personal Air Cleaners

Workcentres for Laboratories, Hospitals, Dental Technicians, Jewellers, Salons, etc.

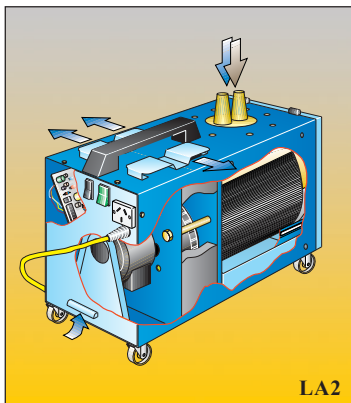
Portable Cleaners Models LI2, LR2, LA2, LL2

Ozone Portable Cleaners are compact filtration units which drive the inlet systems shown on the previous pages. All 4 models include High Efficiency Particulate filters - which are *cleanable* - a unique feature which is vital for low running costs. They also include activated carbon gas filters.



Model LI2 is the quality solution for connection to one or two Telescopic Arms, or one to four Tubular Arms.

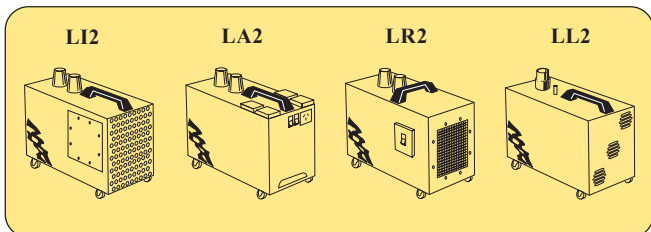
Model LR2 is a whisper quiet unit for one Telescopic Arm or two Tubular Arms. It includes a variable speed motor.



Model LA2 is a high pressure product for use with dust and is perfect for Desk Hoods. Its turbine motor has special long life auto cut-out brushes. The operator simply plugs the handtool into the socket and the Cleaner automatically starts when the tool is used. Includes a dust drawer.



Model LL2 includes an ULPA filter for capturing debris, bacteria and smoke from laser surgery plumes. It is used either with flexible hose or a Tubular Arm. Includes a 2.5m² pre-filter for long life and a 100,000-hour motor.



Central Cleaners Models DD7, GS8, PD7

Larger Cleaners are available for multiple inlet systems. Model DD7 is a high flow Dust Cleaner with Arms, Enclosures or Capture Hoods. Featuring a maintenance free continuous duty motor, inbuilt filter cleaning system and slide out dust drawer.


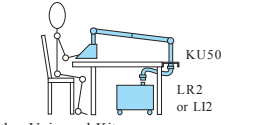

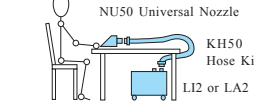
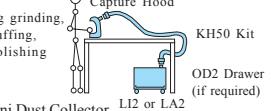
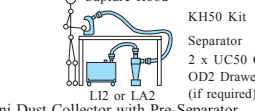
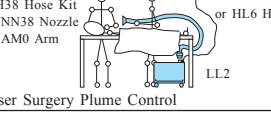
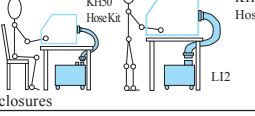
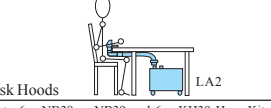
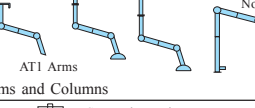
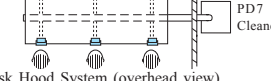
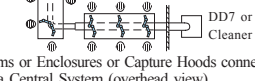


Model GS8 is a high flow Cleaner where the primary pollutant is a gas or vapour. A four stage pre-filtering process removes particulates, protecting the main dry scrubbing gas filter. A massive 16kg of replaceable media ensures long filter life.

Model PD7 is a high pressure Cleaner for multiple Desk Hoods. It features a continuous duty motor, multi-stage turbine, inbuilt filter cleaning system and slide out dust drawer.



Applications

<p>1 or 2 Telescopic Arms (AT1 + KH50) 1 to 4 Tubular Arms (AM0 + KH38)</p>  <p>With 1 to 4 Arms</p>	<p>2</p>  <p>With a Universal Kit</p>
<p>3</p>  <p>Tubular Arms for Manicurists</p>	<p>4</p>  <p>Universal Nozzle with hose</p>
<p>5</p>  <p>Mini Dust Collector</p>	<p>6</p>  <p>Mini Dust Collector with Pre-Separator</p>
<p>7</p>  <p>Laser Surgery Plume Control</p>	<p>8</p>  <p>Enclosures</p>
<p>9</p>  <p>Desk Hoods</p>	<p>10</p>  <p>Arms and Columns</p>
<p>11</p>  <p>Desk Hood System (overhead view)</p>	<p>12</p>  <p>Arms or Enclosures or Capture Hoods connected in a Central System (overhead view)</p>

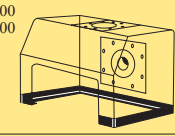

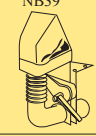
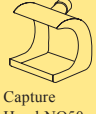


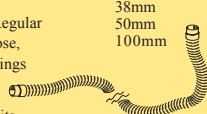
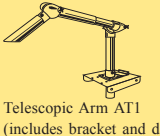
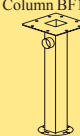

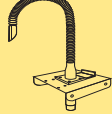


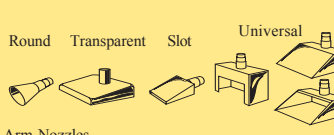
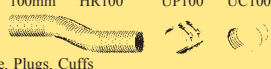
Ozone products are shown in blue. All necessary connections are included with the products so they simply bolt together. The "words" in each box fully describe the set of Ozone products to be ordered for a complete system. See Accessories section for codes.

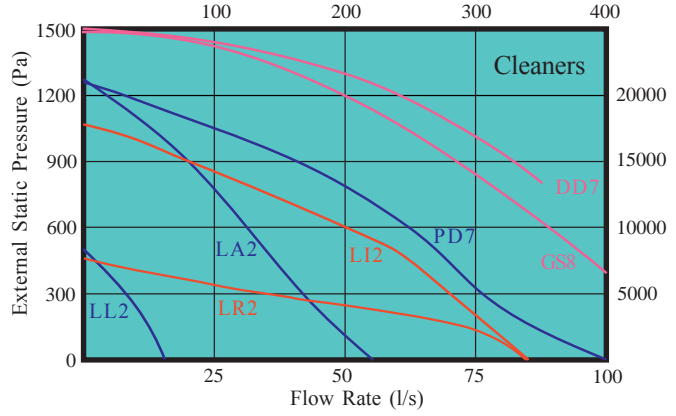
Data Table

Cleaner Code →	LI2	LA2	LR2	LL2	DD7	PD7	GS8
Type	Portable Cleaners			Central Cleaners			
Common Applications (number of kits in brackets)	AT1 Arms (2) ET2 Enc (2)	Desk Hoods (2) -	AM0 Arm (2) AT1 Arm (1)	KH38 Kit (1) HL6 Hose (1)	AT1 Arms (10) Capture Hood (6)	Desk Hoods (6) -	AT1 Arms (10) ET2 Enc (8)
Dimensions, as standard – Width W (mm)	320	320	320	320	740	740	740
(case & wheels only) – Length L (mm)	570	520	570	585	700	700	980
– Height H (mm)	450	450	450	450	1030	1030	1030
Weight, as standard (kg)	24	16	14	21	135	150	175
Filter media area-particulate filter only (m ²)	2.5	2.5	2.5	2.5+ULPA(1.6)	10	10	0.8
Includes Gas Filter as standard (or accessory)	Yes	Yes	Yes	Yes	(Accessory)	(Accessory)	Yes (granules)
Includes Dust Drawer as standard (or accessory)	(Accessory)	Yes	(Accessory)	(Accessory)	Yes	Yes	-
Sound Pressure Level, semi-reverberant, 1m front, ducted inlet (dBA)	64	65	58	48	69	72	71
Inlet spigots, as standard, number x diam (mm)	2 x 50/38	2 x 50/38	2 x 50	1 x 38, 1 x 6	1 x 150	1 x 100, 3 x 50	1 x 200
Maximum flow, Filtered Cleaner (l/s)	85	55	85	14	475	100	450
Recommended Flow, (l/s)	50	40	25	12	200	70	200
Extractor type	Cent. Rotor	Brush	Cent. Rotor	Turbine	Cent. Rotor	Turbine	Cent. Rotor
Motor life, maximum (hours)	100,000	2,000	20,000	100,000	100,000	100,000	100,000
Power (watts) x phase. (includes switch, 10m flex, AC plug)	550 x 1	1100 x 1	100 x 1	200 x 1	1100 x 1	2200 x 1	1100 x 1
Mounting method, as standard	Mobile	Mobile	Mobile	Mobile	Fixed	Mobile	Mobile
Filter Cleaning Method, as standard	Manual	Manual	Manual	Manual	Vibro	Vibro	Re-fill

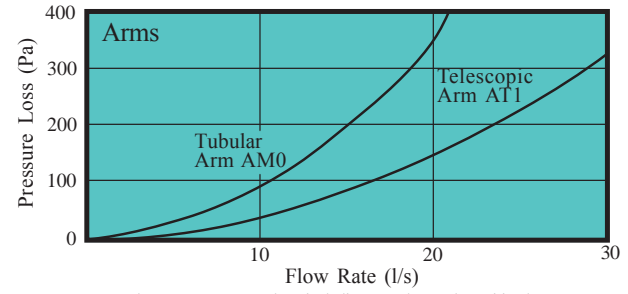
Choose inlet systems from previous pages. Then choose Cleaner from table below. This shows typical number of Kits connected per Cleaner. (More Kits can be connected if plugs applied when not in use).

Kit Name	Enclosures		Desk Hoods		Arms		Arm Kit	Capture Hood	Laser Surgery Hose	Separator	
Kit Code	ET2	ET7	NB38	NB39	AT1	AM0	KU50	NQ50	KH38	HL6	NY50
Hose Diam (mm)	50	100	38		50	38 or 50	50	50	38	6	50
Min Flow (l/s)	25	50	15		20	12	20	30	12	0.5	40 max
Cleaners	LI2	2	1		2	4 (38)	2	2			1
	LA2			2				1			1
	LL2					1 (38)			1	1	
	LR2	1			1	2 (50)	1				
	DD7	5-8	3-4		6-10		6-10	6			
	PD7			6							
GS8	5-8	3-4		6-10	16	6-10					

Code ET2 ET7 W x L x H 580 x 400 x 400 690 x 690 x 600 	NB38  Includes prefilters, mount, plugs NB39 
 Capture Hood NQ50  Dust Drawer OD2  Separator NY50	Diameter 38mm 50mm 100mm Code KH38 KH50 KH100  Hose Kits
 Telescopic Arm AT1 (includes bracket and damper)  Column BF1	 KU50 Universal Kit Includes Arm, Nozzle, 2 couplings 2.5m x 50mm Regular Hose
 Tubular Arm (includes bracket and damper) Use with KH50 Kit (if LR2 Cleaner). Use with KH38 (if LL2 or LI2 Cleaner)	 Hand Glove Pack OH7 For LI2 or LR2  Silencer Q12
 Arm Nozzles Round Transparent Slot Universal Nozzle Type Round NN50 Square Transparent NT50 Slot NO50 Universal NU50 Round Transparent NT51 Telescopic Arm NN50 NT50 NO50 NU50 NT51 Tubular Arm NN38 NT38	Cartridges Combo (Main + Gas) CC21 Cellulose, Main Polymer, Main ULPA Gas Granules Portable CC21 - - CY26 - Central - CR7, CR8 CP7, CP8 - CG8
Diameter 6mm 38mm 50mm 100mm Hose (5m) HL6 HR38 HR50 HR100 Plugs UP6 UP38 UP50 UP100 Cuffs - UC38 UC50 UC100  Hose, Plugs, Cuffs	Spare Filter Cartridges - - - - -



Use left hand/bottom axes for LI2, LR2. Use right hand/bottom axes for LA2, LL2, PD7. Use left hand/top axes for DD7, GS8. Curves show static pressure at Cleaner inlet. Set equal to static pressure of upstream system (system losses + velocity pressure at inlet). Tested with clean filters, ducted inlet (LI2, LR2, PD7 100 mm diameter, DD7 150mm, GS8 200mm, other models 50mm), diffuse outlet, standard Cleaner at end of system (AMCA or BS type C).



Curves show system pressure loss, including entry loss and transition loss to 50mm diameter downstream duct, for standard Arms with standard Nozzle.

Technical and Safety notes

1. Increase "Min Flow" figures: for KU50, ET2, ET7 to 30L/s, 40L/s, 75L/s, respectively, if 0.5m/s face velocities required or if capturing dusts. When connecting Cleaners to Enclosures or the Universal Nozzle, position the Cleaner a suitable distance away and outside any hazardous areas.
2. Read Instruction Manuals provided before operating products.
3. 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.
4. 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.

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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