

NOISE

FUME

DUST

VENTILATION

MONITORING

ENGINEERING

✓CONTROLHIRE

WHAT WE DO

Our Specialists visit you to identify hazardous areas pertinent to your particular project and formulate effective strategies to manage the health and safety of your workers and the neighbouring community.

ENGINEERING SOLUTIONS

Our certified Engineering Team understand that every site has different needs: from dust/fume filtration and ventilation to noise attenuation and more - whether you're working in underground basements, tunnels or high-rise construction. Our team will work out the optimal equipment setup and working conditions to keep your project going: on track and safe.

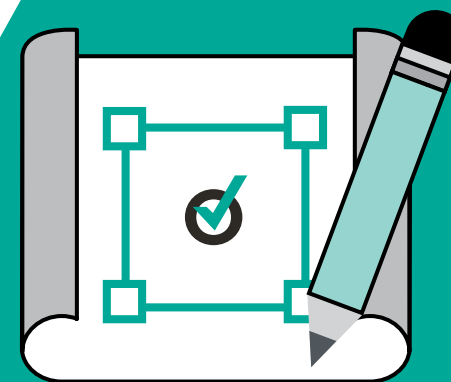
INSTALLATION & COMMISSIONING

With a range of state-of-the-art equipment and machinery at your disposal, Control Hire will install and commission any recommended apparatus. Prioritising situational positioning, required power supply, water sourcing, air pressure. Ducting length, and more to ensure your site is setup for success.

ONSITE MAINTENANCE & SERVICE

We know how sites operate - as work progresses, situations change - flexibility and adaptability are key to managing anything the job can throw at you. From filter changes to equipment servicing, Control Hire will keep the wheels spinning from the first day on the job, until the job's done.

HAZARD CONTROL HIRE



ENGINEERING SOLUTIONS



INSTALLATION & COMMISSIONING



ONSITE MAINTENANCE & SERVICE

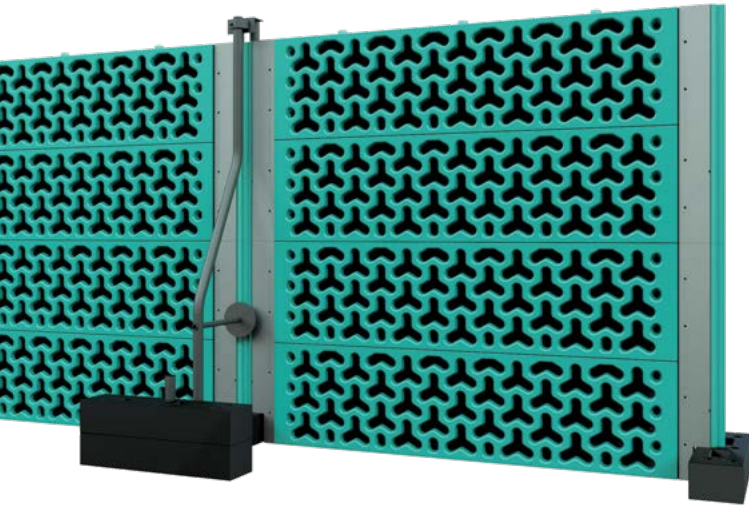
NOISE FUME DUST VENTILATION MONITORING ENGINEERING

59 POWERS ROAD SEVEN HILLS NSW 2147 02 8610 5677
9-11 ORMOND AVENUE SUNSHINE VIC 3020 03 9966 3794
27 TRANSPORT STREET YATALA QLD 4207 07 2802 1779

CONTROLHIRE.COM.AU

NOISE CONTROL WALL

FULLY CUSTOMISABLE: ANY HEIGHT – ANY LENGTH – ANY PROJECT



Noise Absorption Side



Noise Reflective Side

Control Hire's NOISE CONTROL WALL is the first of its kind, an all in one temporary solution when it comes to noise attenuation.

With performance superior to anything else available in the temporary noise barrier space you can rest assured that you are putting the community and your workers first when it comes to unnecessary noise exposure. The key to noise attenuation is Noise Absorption. Control Hire's Noise Wall achieves an 85% absorption rate or Noise Reduction Coefficient (NRC) which is higher than anything else available in the temporary market today.

The wall traps the soundwaves and dissipates them inside the panel, the absorption is extremely effective at the most sensitive of ranges to the human ear 500Hz, 1000Hz and 2000Hz.

TEMPORARY NOISE WALL

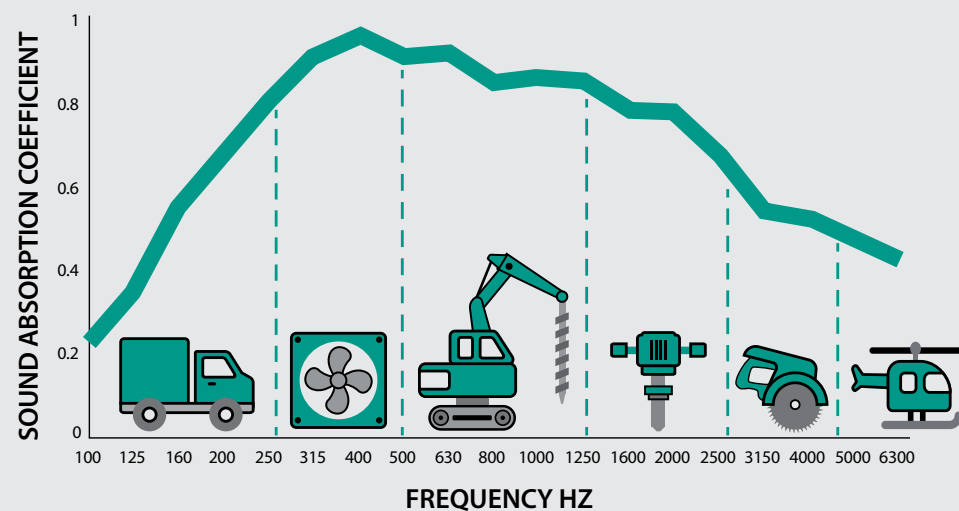
SPECIFICATIONS

NOISE ABSORPTION	85%
Tested	AS ISO 354-2006
Performance	250Hz 81%, 500Hz 92%, 1000Hz 87%, 2000Hz 78%
Height	2m, 3m, 4m+ customisable
Width	Any
Assembled Panel Thickness	100mm
Weight	23kg (per section)
Site Conditions	Non-combustible, UV / Water Resistant
Wind tested	4687:2022 (NATA certified)



Sustainability is important to Control Hire which is why our NOISE CONTROL WALL is made from RECYCLED MATERIALS and the ability to completely recycle the product at the end of its life.

NOISE ABSORPTION - 85% NOISE ABSORPTION



NOISE



Little Collins St, Melbourne CBD



NOISE

Control Hire specialise in noise reduction, with temporary sound barriers, cutting stations, generator and pump enclosures available.



ACOUSTIC NOISE BARRIER

SPECIFICATIONS

Noise Absorption	62%
Height	2000mm
Width	1300mm
Weight	6.3kg
Site Conditions	Fire / Water Resistant



ACOUSTIC MOBILE FOLDING FRAME

SPECIFICATIONS

Noise Absorption	62%
Height	2100mm
Width	2 x 1240mm folded
Weight	36kg
Site Conditions	Fire / Water Resistant



SMALL CUTTING STATION

SPECIFICATIONS

Noise Absorption	62%
Length	2400mm
Width	2400mm
Height	2100mm
Site Conditions	Fire / Water Resistant



LARGE CUTTING STATION

SPECIFICATIONS

Noise Absorption	62%
Length	3250mm
Width	2400mm
Height	2100mm
Site Conditions	Fire / Water Resistant



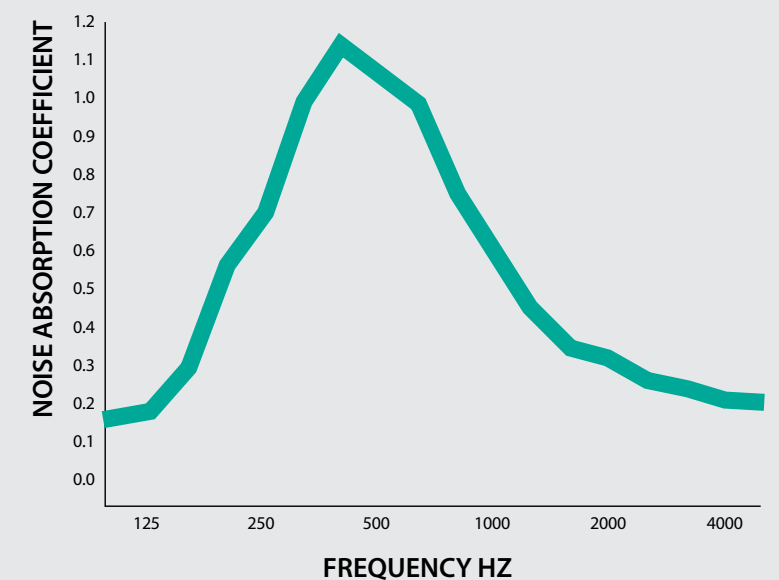
XL CUTTING STATION

SPECIFICATIONS

Noise Absorption	62%
Length	4800mm
Width	2400mm
Height	2100mm
Site Conditions	Fire / Water Resistant

NOISE ABSORPTION - 62% NOISE ABSORPTION

Temporary construction noise barriers are sound-blocking equipment that protects workers from noise pollution and prevents sound waves from passing directly from construction noise or traffic noise to residences and businesses within the area.





AXIAL FAN 500MM

SPECIFICATIONS

Airflow	11,880 m ³ /hr
Motor Size	2.2kW
Plug	240V, 15A
Duct	500mm
Dimensions	510L x 575W x 700H
Weight	69kg



AXIAL FAN 800MM

SPECIFICATIONS

Airflow	30,000m ³ /hr
Motor Size	5.5kW
Plug	415V, 32A
Duct	800mm
Dimensions	700L x 850W x 1000H
Weight	140kg



AXIAL FAN 1000MM

SPECIFICATIONS

Airflow	46,300 m ³ /hr
Motor Size	11.0kW
Plug	415V, 32A
Duct	1220mm
Dimensions	800L x 1106L x 1183H
Weight	221kg



AXIAL FAN 1250MM

SPECIFICATIONS

Airflow	73,700 m ³ /hr
Motor Size	18.5kW
Plug	415V, 32A
Duct	1400mm
Dimensions	800L x 1356L x 1458H
Weight	368kg



CENTRIFUGAL FAN 300MM

SPECIFICATIONS

Airflow	6,000 m ³ /hr
Motor Size	2.0kW
Plug	415V, 32A
Duct	300mm
Dimensions	840L x 715W x 702H
Weight	100kg



CENTRIFUGAL FAN 500MM

SPECIFICATIONS

Airflow	16,000 m ³ /hr
Motor Size	5.5kW
Plug	415V, 32A
Duct	500mm
Dimensions	1560L x 950W x 1450H
Weight	348kg



CENTRIFUGAL FAN 600MM

SPECIFICATIONS

Airflow	32,000m ³ /hr
Motor Size	15kW
Plug	415V, 32A
Duct	600mm
Dimensions	1705L x 1250W x 1500H
Weight	500kg



VENTILATION

Control Hire specialise in ventilation control, with a focus on maintaining the correct air quality on site. We have a range of axial, drum and centrifugal fans.





FUME

Fume extractors, filtration, and ventilation provided by Control Hire are available for hire. Fume extraction and filter equipment are excellent on-site solutions for dangerous fumes.



FUME EXTRACTION KIT

SPECIFICATIONS

Air Flow	6000m ³ /hr
Fumes	Hot / Flammable
Duct	300mm, up to 90m
Power	415V, 20A



EXHAUST FUME EXTRACTION KIT

SPECIFICATIONS

Airflow	6000m ³ /hr
Fumes	Diesel Exhaust
Duct	300mm High Temp / 100mm Exhaust Flex, up to 90m
Power	415V, 20A



3400M³/HR AIR SCRUBBER

SPECIFICATIONS

Air Flow	1700 - 3400m ³ /hr
Filters	Carbon (Fumes) / HEPA (Dusts)
Fan	1.5kW
Power	240V, 10A



5800M³/HR AIR SCRUBBER

SPECIFICATIONS

Air Flow	5800m ³ /hr
Filters	Carbon (Fumes) / HEPA (Dusts)
Fan	2.2kW
Power	415V, 20A



MOBILE WELDING FUME FILTER

SPECIFICATIONS

Air Flow	1300m ³ /hr
Filters	HEPA (Dusts)
Arm	3m, 160dia
Power	240V, 10A
Weight	110kg



TWIN ARM MOBILE WELDING FUME FILTER

SPECIFICATIONS

Air Flow	2600m ³ /hr
Filters	HEPA (Dusts)
Arm	2 x 3m, 2 x 160dia
Power	415V, 10A
Weight	180kg



SOUND LEVEL MONITOR

SPECIFICATIONS

Measurements	Leq, Lmax, Lmin, Lden
Dynamic Range	26 dB - 133 dB
Sample rate	48 kHz
Connectivity	WiFi, Bluetooth, 4G/LTE
Power	5V - 57V DC / battery and solar charger
Weight	800g
Dimensions (mm)	214H x 94W x 55D



VIBRATION MONITOR

SPECIFICATIONS

Axis	X, Y, Z
Frequency	0.5 - 250 Hz
Velocity	+ 300mm/s
Measurements	PPV, PPA, PVS, VDv, Veff, Vper, KBFmax, KBFTm, Velocity Traces
Data	GPS Cloud Service
Power	Battery, 6 weeks
Weight	260 grams



DUST MONITOR

SPECIFICATIONS

Measurement range	0 to 100,000 µg/m3
Measurement sensitivity	1 µg/m3
Flow rate	2.0 litres/minute ± 0.1 lpm
Data storage	Secure data centre
Alarm message types	E-mail, SMS, personal dashboard
Connectivity	Wireless WiFi, Network LTE / GSM
Dimensions (mm)	483H x 178W x 108D



NOISE MONITOR

SPECIFICATIONS

Measurements	LAF, LAS, LCpeak
Sampling	0.125 seconds / 1 second
Data	Wifi / 4G + Cloud Service
Power	5VDC (Micro USB) / 24VDC
Weight	1.5kg
Standards	IEC61672-2-2002



SILICA DUST MONITOR

SPECIFICATIONS

Particle	Respirable Crystalline Silica
Range	1µm - 10µm
Display	RCS mg/m ³ time weighted average
TWA	15mins, 1,4,8,12 Hours
Sampling	1-60 seconds
Power	Battery, 240V
Weight	8.2kg



6 IN 1 GAS DETECTOR

SPECIFICATIONS

Gas	O ₂ , CO ₂ , H ₂ S, NO ₂ , CO, LEL
Range	O ₂ (0-30%vol), LEL (0-100% LEL), CO (0-2000ppm), H ₂ S (0-200ppm), CO ₂ (0-50,000ppm), NO ₂ (0-20ppm)
Humidity	0%-95%
Temperature	-20°C to 122°C
Battery	12 - 18 hours
Weight	880 grams
Bump Test	Gas Cylinder

MONITORING



NEW REAL-TIME MONITORING SUITE NOISE - DUST - VIBRATION

DUST

Control Hire specialise in a range of dust filtration, dust suppression and dust collection units.



FOG LANCE L3

SPECIFICATIONS

Distance	20m
Water Droplet	50 - 60 µm
Controls	Remote
Tilt / Oscillation	30° - 60° / 270°
Water Flow	21L/min
Power Plug	3-phase, 32A



DUST CANNON V12

SPECIFICATIONS

Distance	35m - 65m
Water Droplet	50 - 60 µm
Controls	Remote
Tilt / Oscillation	18° - 40° / 350°
Water Flow	16 - 100L/min
Power Plug	3-phase, 32A



DUST CANNON V22

SPECIFICATIONS

Distance	70m - 90m
Water Droplet	50 - 60 µm
Controls	Remote
Tilt / Oscillation	18° - 40° / 350°
Water Flow	119 - 350L/min
Power Plug	3-phase, 32A



ODOUR CANNON V12SO

SPECIFICATIONS

Distance	30m - 50m
Water Droplet	50 - 60 µm
Controls	Remote
Tilt / Oscillation	0° - 52° / 350°
Water Flow	4L/min
Power Plug	3-phase, 32A



10KVA GENERATOR

SPECIFICATIONS

Appliance	Fog Lance L3
Outlets	2 x 15A, 1 x 20A
Fuel Tank	6.1L Petrol
Power	6.4kW



45KVA GENERATOR

SPECIFICATIONS

Appliance	V12 Cannon Range
Outlets	2 x 32A, 3 x 15A
Fuel Tank	190L Diesel
Power	33kW



SMALL CUTTING STATION

SPECIFICATIONS

Length	2400mm
Width	2400mm
Height	2100mm
Option	3800m ³ /hr Air Scrubber
Site Conditions	Fire/Water Resistant



LARGE CUTTING STATION

SPECIFICATIONS

Length	3250mm
Width	2400mm
Height	2100mm
Option	3800m ³ /hr Air Scrubber
Site Conditions	Fire/Water Resistant



XL CUTTING STATION

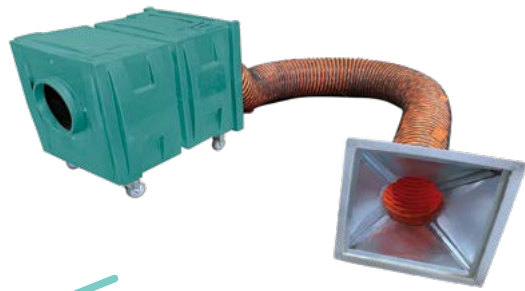
SPECIFICATIONS

Length	4800mm
Width	2400mm
Height	2100mm
Option	3800m ³ /hr Air Scrubber
Site Conditions	Fire/Water Resistant

DUST



DANGER
NO ENTRY
AUTHORISED
PERSONNEL ONLY



3400M³/HR AIR SCRUBBER

SPECIFICATIONS

Air Flow	3400m ³ /hr
Filters	HEPA (Dusts)/Carbon (Fumes)
Fan	1.5kW
Power	240V, 10A



5800M³/HR AIR SCRUBBER

SPECIFICATIONS

Air Flow	5800m ³ /hr
Filters	HEPA (Dusts)/Carbon (Fumes)
Fan	2.2kW
Power	415V, 20A

10,000M³/HR AIR SCRUBBER

SPECIFICATIONS

Air Flow	10,000m ³ /hr
Filters	HEPA (Dusts)/Carbon (Fumes)
Fan	5.5kW
Power	415V, 32amps



TRUSTED BY



M6 Stage 1



Campbelltown Hospital – Sydney



Sydney Metro – Western Sydney Airport, Clyde, Bringelly, Aerotropolis, Orchard Hills, St Marys, Airport Terminal



Warringah Freeway Upgrade



The New Sydney Fish Markets

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FRESH FOOD & DINING
OPPORTUNITIES
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HIRE EXPERIENCE

NSW

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02 8610 5677

VIC

9-11 ORMOND AVENUE, SUNSHINE
03 9966 3794

QLD

21 TRANSPORT STREET, YATALA
07 2802 1779

**WE SUPPLY
NATIONWIDE**

CONTROLHIRE

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