

**NOISE**

**FUME**

**DUST**

**VENTILATION**

**MONITORING**

**✓CONTROLHIRE**

# HAZARD CONTROL SPECIALISTS

## ENGINEERING

Control Hire has our own in-house Mechanical and Ventilation engineering team who are experts in our all of our products and applications. Whether it is product advice or fully certified ventilation plans Control Hire has the team that can help.

## INSTALLATION

We offer a complete installation and dismantle service for our entire hire fleet. Our expert team can provide turnkey solutions for any of your project requirements.

## FILTER SERVICE

Through our on-site filter services, Control Hire offers filter change outs with our equipment, making it easier to protect your workers throughout your project.

## ON-SITE SUPPORT

Our technical sales and engineering team are always ready to provide you with on-site support. Control Hire does not just provide you with the latest equipment but also the technical support and service to go along with it.



NOISE



VENTILATION



FUME



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DUST

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](https://www.controlhire.com.au)



# NOISE CONTROL WALL



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

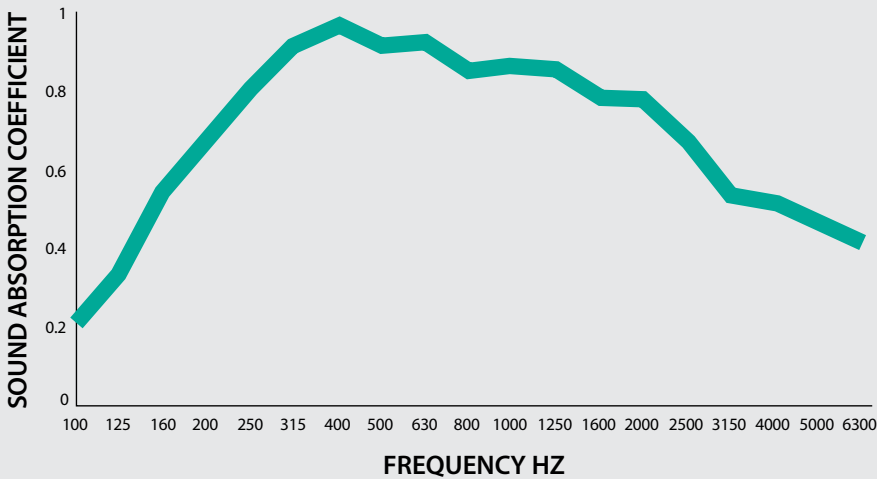
### SPECIFICATIONS

NOISE ABSORPTION	85%
Tested	AS ISO 354-2006
Performance	250Hz 81%, 500Hz 92%, 1000Hz 87%, 2000Hz 78%
Assembled Panel Height	2000mm
Assembled Panel Width	2200mm
Assembled Panel Thickness	100mm
Weight	23kg (per section)
Site Conditions	Non-combustible, UV / Water Resistant



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



# 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



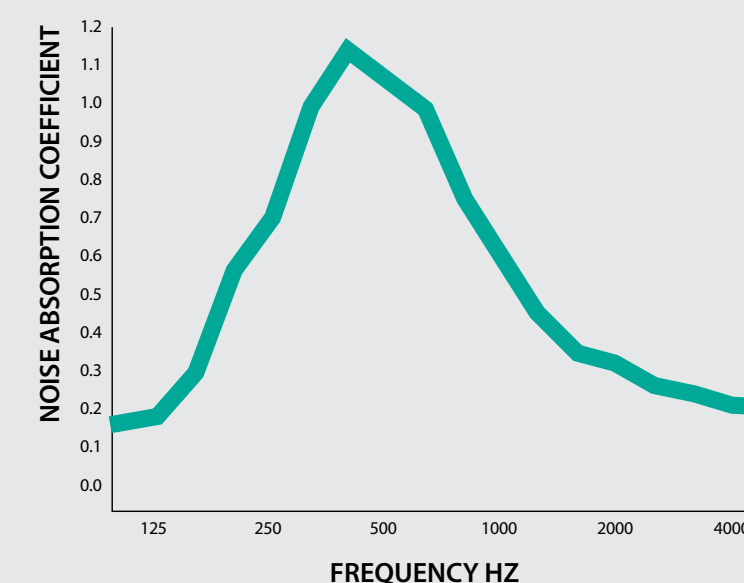
## XL CUTTING STATION

### SPECIFICATIONS

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

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.

## NOISE ABSORPTION - 62% NOISE ABSORPTION







### AXIAL FAN 500MM

#### SPECIFICATIONS

Airflow	11,880 m <sup>3</sup> /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 <sup>3</sup> /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 <sup>3</sup> /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 <sup>3</sup> /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 <sup>3</sup> /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 <sup>3</sup> /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 <sup>3</sup> /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 <sup>3</sup> /hr
Fumes	Hot / Flammable
Duct	300mm, up to 90m
Power	415V, 20A



## EXHAUST FUME EXTRACTION KIT

### SPECIFICATIONS

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



## 3400M<sup>3</sup>/HR AIR SCRUBBER

### SPECIFICATIONS

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



## 5800M<sup>3</sup>/HR AIR SCRUBBER

### SPECIFICATIONS

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



## MOBILE WELDING FUME FILTER

### SPECIFICATIONS

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



## TWIN ARM MOBILE WELDING FUME FILTER

### SPECIFICATIONS

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



# MONITORING



## SILICA DUST MONITOR

### SPECIFICATIONS

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



## ENVIRONMENTAL DUST MONITOR

### SPECIFICATIONS

Particle	Dust
Range	PM1, PM2.5, PM4.25, PM10
Resolution	0.1µg/m <sup>3</sup>
Data	GPS Cloud Service
Sampling	5 mins
Power	Solar Battery, 240V
Weight	7.0kg



## 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



## NOISE MONITOR

### SPECIFICATIONS

Measurement	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



## ENVIRONMENTAL NOISE MONITOR

### SPECIFICATIONS

Measurement	LAeq (optional LCeq, LAFmax or LASmax)
Accuracy	Class 1 (IEC 61672-1)
Sampling	1-60 seconds
Data	GPS Cloud Service
Power	Solar Battery, 240V
Weight	1.15kg



## 6 IN 1 GAS DETECTOR

### SPECIFICATIONS

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





# 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 <sup>3</sup> /hr Air Scrubber
Site Conditions	Fire/Water Resistant



## LARGE CUTTING STATION

### SPECIFICATIONS

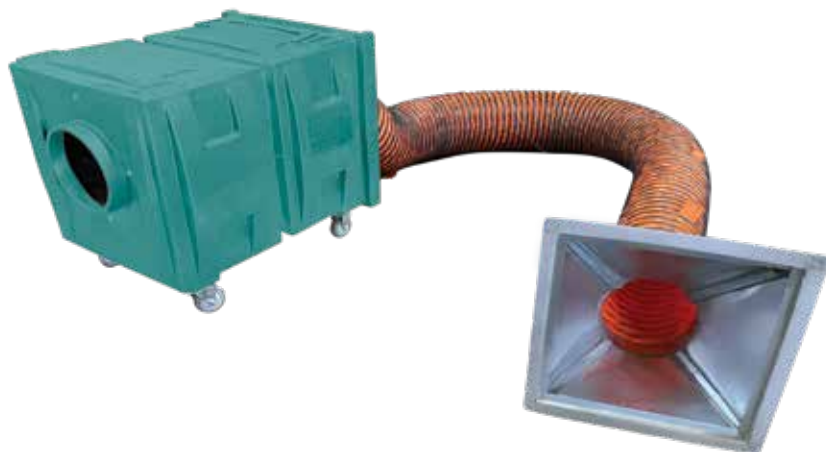
Length	3250mm
Width	2400mm
Height	2100mm
Option	3800m <sup>3</sup> /hr Air Scrubber
Site Conditions	Fire/Water Resistant



## XL CUTTING STATION

### SPECIFICATIONS

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



## 3400M<sup>3</sup>/HR AIR SCRUBBER

### SPECIFICATIONS

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



## 5800M<sup>3</sup>/HR AIR SCRUBBER

### SPECIFICATIONS

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

# DUST







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



Warringah Freeway Upgrade



Campbelltown Hospital – Sydney



The New Sydney Fish Markets



M6 Stage 1

# HIRE EXPERIENCE



**NSW**

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**VIC**

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