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FIRE | RESCUE | MEDICAL | HSE

Single Shower Negative Pressure Decontamination Units

Our self-contained 20' trailer occupies a 910 litre fresh water tank, hot water heater, 910 litre grey water tank, and a 12.5 Gallon per/min. distribution pump. The negative pressure unit has a peak air flow of 1600 CFM through a 432 sq./inch HEPA filter. Protecting the HEPA filter and ensuring the ultimate protection are a pleated filter and pre-filter. The Dirty room also contains a portable HEPA Vacuum to efficiently remove contaminants from the body.

The trailer consists of three separate and distinct partitions, all with varying degrees of negative pressure.

1. Clean Room
2. Single unit shower room
3. Dirty room where the negative pressure unit is housed.

Shower water is heated with a 225 litre hot water tank. 2-30 lb. Propane tanks are used to supply the hot water tank.

Water is filtered and captured in the front storage tank, and can be emptied or disposed through a 2 ½ "cam-loc fitting. Air is scrubbed using a 99.9 % efficient HEPA filter discharging out the back of the trailer. The negative pressure unit discharge can be fitted with a 14" canvas ducting to direct the clean air flow.

The trailer is not intrinsically safe and must never be located in a classified area. The location of the trailer should be positioned close enough to the work or project area while maintaining a safe distance from a hazardous atmosphere. The location should also be convenient for workers to access the decontamination trailer from a common area.

Required:

- 30-amp service (3 prong Marincos CS636 50amp, 125/250 Volt, also compatible with Hubble Connector)
- Fresh Water supply
- Grey Water disposal – May discharge to ground if meeting the following criteria:
 - ✓ contaminant can be filtered
 - ✓ discharge criteria are met (proper filter micron)
 - ✓ be approved to discharge to ground
 - ✓ can be discharged as not to create another hazard (water flowing to an undesired location)



Other Unit Details

- LED Lighting
- Heat Traced and Insulated to withstand the Canadian Elements
- Secure
- Posi-temp water taps in Showers
- Cleaning Equipment that includes; Mop bucket and Mop, Brooms and cleaning agents
- Supply of consumables that include; Shampoo, body soap, hand soap and disposable bath towels to get you started. **PD Service can supply these consumables upon request.**

Service

- Rental – Total Group offers daily, weekly and monthly rentals
- Set-up & Tear-down – Total staff will ensure the trailer is set-up and operational for the exposed workers. Safe Work Procedures are also available to ensure the safe operation of decontamination units when staff are not present.
- Maintenance – For projects Total is available for maintenance visits that include fresh and grey water management, HEPA Filter Treatment, cleaning, replenishing consumables.
- Delivery – dispatched from Central Alberta by competent staff. One call to Total Groupo dispatch and one of the most demanding tasks of worker protection is looked after. From delivery to set-up, from operation to tear-down your worry-free service is a phone call away.



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Dirty Room / Negative Pressure



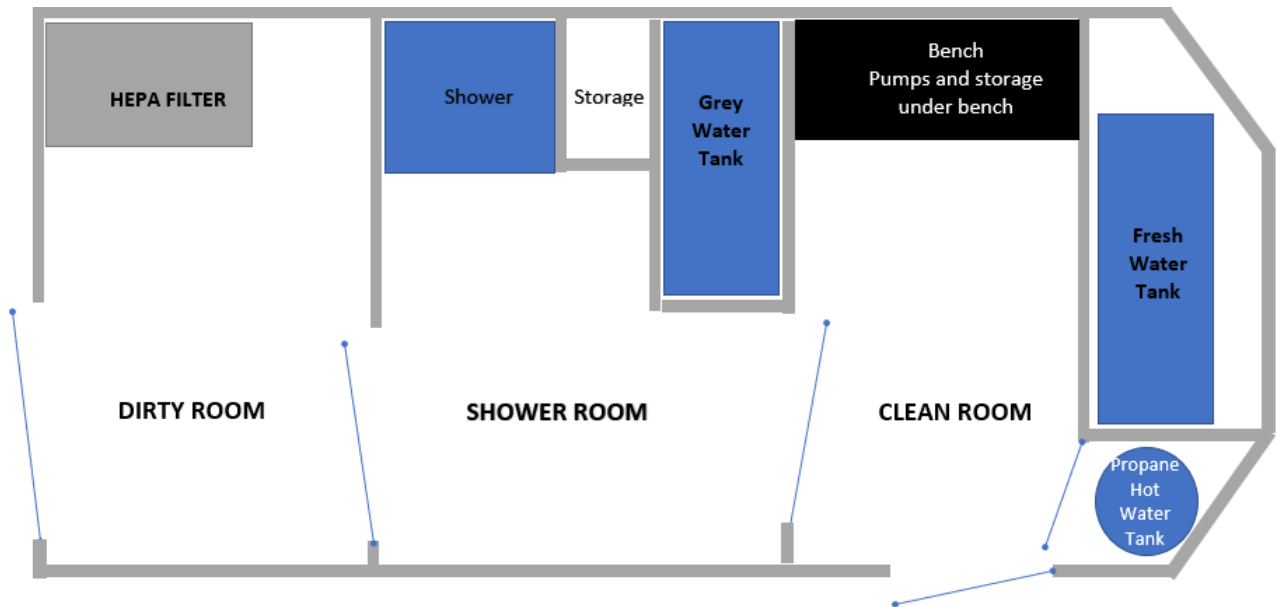
Single Shower Room



Clean Room



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Two Shower Negative Pressure Decontamination Unit

Our self-contained 24' trailer occupies an 1800-liter fresh water storage, 1800 liter grey water storage, 40-gallon Electric hot water heater and a 25 Gallon per/min. distribution pump. The Unit has a heated make-up air inlet in Utility room to effectively move air from clean area back to the Dirty room where the HEPA filter removes the contaminant. The negative pressure unit has an air flow of 1000 ft³/min through a HEPA filter. Protecting the HEPA filter and ensuring the ultimate protection are a pleated filter and pre-filter. The Dirty room also contains a portable HEPA Vacuum to efficiently remove fibers on the body.

The trailer consists of three separate and distinct partitions, all with varying degrees of negative pressure.

1. Clean Room
2. Shower Room – 2 private shower rooms with incorporated changing area (as per picture above)
Shower room also has a sink.
3. Dirty room - Negative pressure unit and HEPA Vacuum.

Each room is heated with base heaters which are temperature controlled, well-lit (LED Lighting) and each room separated with a door.

The trailer is **not** intrinsically safe and must never be located in a classified area. The location of the trailer should be positioned close enough to the work or project area while maintaining a safe distance from a hazardous atmosphere. The location should also be convenient for workers to access the decontamination trailer from a common area.

Required:

- 50-Amp service (3 prong Marincos CS636 50amp, 125/250 Volt, also compatible with Hubble Connector)
- Fresh Water supply
- Grey Water disposal – May discharge to ground if meeting the following criteria:
 - ✓ contaminant can be filtered
 - ✓ discharge criteria are met (proper filter micron)
 - ✓ be approved to discharge to ground
 - ✓ can be discharged as not to create another hazard (water flowing to an undesired location)



Other Unit Details

- Weight – 4500 KG
- Dimensions – **H** - 11'6", **W** – 8'6", **L** - 30'
- External LEDS Lighting above doorways
- Heat Traced and Insulated to withstand the Canadian Elements
- Secure
- Electronic Level Indication for Grey Water tank
- Posi-temp water taps in Showers
- Cleaning Equipment that includes; Mop bucket and Mop, Brooms and cleaning agents
- Supply of consumables that include; Shampoo, body soap, hand soap and disposable bath towels to get you started. **Total Group can supply these consumables upon request.**

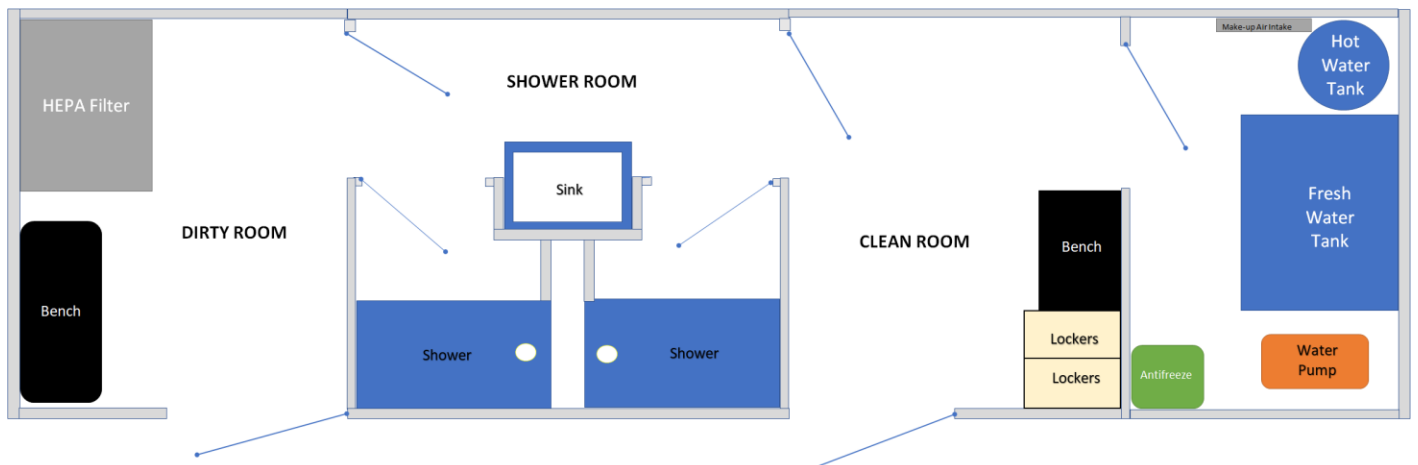
Service

- Rental - Total offers daily, weekly and monthly rentals
- Set-up & Tear-down – Total staff will ensure the trailer is set-up and operational for the exposed workers. Safe Work Procedures are also available to ensure the safe operation of decontamination units when staff are not present.
- Maintenance – For projects Total Group is available for maintenance visits that include fresh and grey water management, HEPA Filter Treatment, cleaning, replenishing consumables.



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Delivery – dispatched from Central Alberta by competent staff. One call to Total dispatch and one of the most demanding tasks of worker protection is looked after. From delivery to set-up, from operation to tear-down your worry-free service is a phone call away.



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Three Shower Negative Pressure Decontamination Units

Our self-contained 32' trailer occupies an 880-liter fresh water storage, 60-gallon Electric hot water heater, 880 liter grey water storage, and a 25 Gallon per/min. distribution pump. The negative pressure unit has an air flow of 1000 ft³/min through a HEPA filter. Protecting the HEPA filter and ensuring the ultimate protection are a pleated filter and pre-filter. The Dirty room also contains a portable HEPA Vacuum to efficiently remove fibers on the body. The trailer consists of three separate and distinct partitions, all with varying degrees of negative pressure.

1. Clean Room
2. Shower Room – 3 private shower rooms with incorporated changing area (as per picture above)
Shower room also has a sink.
3. Dirty room - Negative pressure unit and HEPA Vacuum.

Each room is heat controlled with thermostats in each room, well-lit (LED Lighting) and each room separated with a door. The dirty room also has a secondary air vent to assist with maintaining a comfortable air exchange and negative pressure.

The trailer is not intrinsically safe and must never be located in a classified area. The location of the trailer should be positioned close enough to the work or project area while maintaining a safe distance from a hazardous atmosphere. The location should also be convenient for workers to access the decontamination trailer from a common area.

Required:

- Minimum 50-amp service
- 3 prong Marinco CS6364N 50 Amp, 125 Volt//250 Volt (Compatible with Hubble Connectors)
- Fresh Water supply
- Grey Water disposal – May discharge to ground if meeting the following criteria:
 - ✓ contaminant can be filtered
 - ✓ discharge criteria is met (proper filter micron)
 - ✓ be approved to discharge to ground
 - ✓ can be discharged as not to create another hazard (water flowing to an undesired location)



Other Unit Details

- Total Weight of Unit – **8600KG empty**
- Dimensions – **W – 8'0", H – 10'6", L – 36'0"**
- External LEDS Lighting above doorways
- Heat Traced and Insulated to withstand the Canadian Elements
- Secure
- Electronic Level Indication for Fresh and Grey Water tanks
- Posi-temp water taps in Showers

Service

- Rental – Total Group offers daily, weekly and monthly rentals
- Set-up & Tear-down – Total staff will ensure the trailer is set-up and operational for the exposed workers. Safe Work Procedures are also available to ensure the safe operation of decontamination units when staff are not present.
- Maintenance – For projects Total is available for maintenance visits that include fresh and grey water management, HEPA Filter Treatment, cleaning, replenishing consumables.
- Delivery – hassle free, dispatched from Central Alberta by competent staff. One call to Total Group dispatch and one of the most demanding tasks of worker protection is looked after. From delivery to set-up, from operation to tear- down your worry-free service is a phone call away.





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