



**ALLENS** Industrial  
Products  
PTY LTD



# User Guide for SMH 3 Stage Personal Decontamination Unit

This guide covers the following models: DCU 150 -  
3 Stage Mobile Decontamination Unit



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V5  
Gas Appliance and Gas  
Installation Maintenance



# Index

<b>1. Foreword</b> .....	<b>4</b>
1.1 Guide to pictograms used .....	4
1.2 The unit.....	4
1.3 Intended use.....	4
<b>2. Safety information</b> .....	<b>5</b>
<b>3. Technical specifications</b> .....	<b>6</b>
3.1 Technical drawings .....	6
3.1.1 Dimensions .....	7
3.2 Technical data.....	9
3.2.1 NPU technical data .....	10
3.2.2 NPU filter technical data .....	10
<b>4. Standard operating procedures</b> .....	<b>11</b>
4.1 Transport of the unit .....	11
4.1.1 Procedure for coupling the DCU to the towing vehicle .....	11
4.1.2 Procedure for uncoupling the DCU from the towing vehicle.....	14
4.2 Set-up of the unit.....	15
4.3 Power & Gas supply procedures.....	16
4.3.1 Procedure for installing the gas cylinder.....	16
4.3.2 Procedure for a mains electrical connection .....	17
4.3.3 Procedure for a generator supply .....	18
4.4 Operating the equipment fitted on the DCU .....	19
4.4.1 Powering up the DCU.....	19
4.4.2 Filling the fresh water tank.....	20
4.4.3 Connecting the mains water supply.....	21
4.4.4 Operating the water heater.....	21
4.4.5 Operating the shower.....	22
4.4.6 Operating the freshwater tank pump system.....	22
4.4.7 Operating the waste water pump system.....	22
4.4.8 Operating the Negative Pressure Unit (NPU) .....	24
4.4.9 Operating the heating system .....	24
4.5 Shut down of the unit.....	25
4.5.1 Procedure for water heater drain down/frost protection .....	25
4.5.2 Procedure for shutting down the NPU .....	26
4.5.3 Procedure for draining the water storage tank .....	26
4.5.4 Return of the unit after rental.....	27

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<b>5. Maintenance of the unit .....</b>	<b>28</b>
5.1 Regular inspections .....	28
5.1.1 Pre-use checks .....	28
5.1.2 Daily checks .....	28
5.1.3 Weekly checks .....	28
5.2 Maintenance.....	29
5.2.1 Maintaining the chassis .....	29
5.2.2 Procedure for changing water filters .....	29
5.2.3 Procedure for changing NPU pre-filters .....	30
5.3 Servicing regime .....	31


Please note, we make every effort to ensure that the information provided in all our material is accurate and up to date, but to the extent permitted by law, we do not accept any legal responsibility for any errors, omissions or misleading statements. If you have any questions about any part of this user guide, please do not hesitate to contact Allens Industrial Products or SMH direct for more information.


# 1. Foreword

This user guide must be read in conjunction with any safety warning labels or signs on the unit, and any use of the unit must also be in line with site controls and any local/national legislation controlling the work to be completed.

Please note that any non-observance of this user guide may invalidate any warranty associated with the product.

## 1.1 Guide to pictograms used

 Text in a box like this is information critical to the safe operation of the unit

 Text in a box like this is a recommendation to help users to operate the unit in the most efficient/effective way

## 1.2 The unit

The unit as bought/hired consists of:


1. The unit and all fixtures and fittings
2. This user guide

## 1.3 Intended use


SMH Decontamination Units are mobile units incorporating a minimum of a three stage decontamination facility (1 x 'clean' area, 1 x shower area, 1 x 'dirty' area) for use during the controlled removal of hazardous dust containing substances (i.e. silica, lead or mould and other harmful dusts).

## 2. Safety information


This section provides a summary of all the safety information provided throughout the user guide.


 All personnel engaged in decontamination must follow the health and safety protocols described in the current legislation and guidance within their country & state of operation.



 National towing laws take precedence over any statements made in this user guide.


 When towing a DCU, ensure the gas cylinder has been removed from the gas cylinder storage cupboard and that the water tank(s) have been drained. The towing weight of the DCU could be exceeded if gas cylinders are left in the storage cupboard or there is water in the tank.


 The DCU must not be used if the certification for gas, DOP, electric and clean air is not present.

 Individual units may have power supply procedures that differ from the below. Please ensure you have read any annexes to the User Guide and if you have any questions, please check with Allens Industrial Products before using the unit.

 The following maintenance procedures and advice for the procedures must be followed to ensure that the unit is kept in good working order.

 Filters should be changed under controlled conditions by a qualified, competent person wearing full PPE and RPE.  
 Filters must be disposed of in accordance with local regulations for the removal of Hazardous Dust containing materials and within any site-specific method statements.

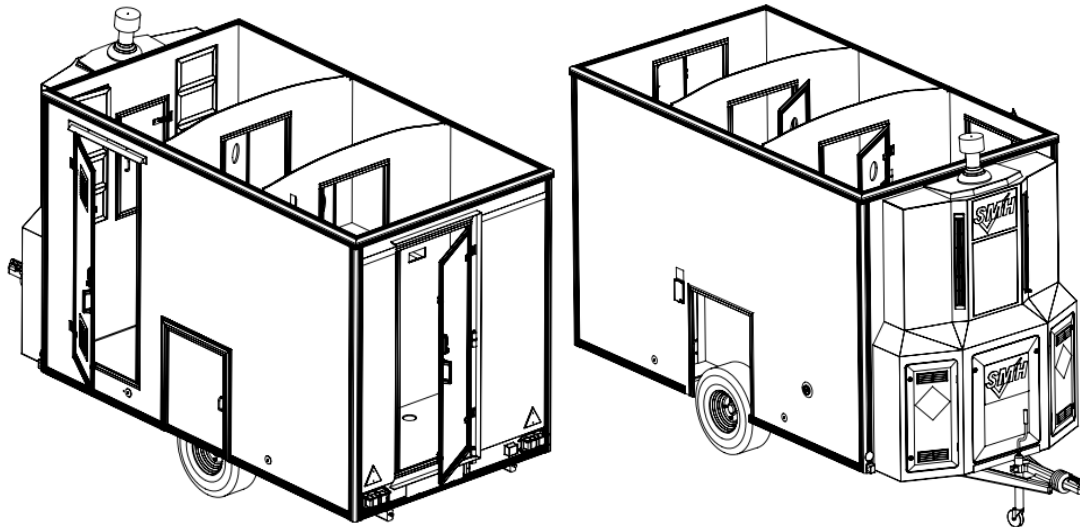
 The DCU should be examined and serviced at least once every six months.

 The on-board generator is designed to supply power to the DCU and not designed to power other items such as power tools and additional appliances.

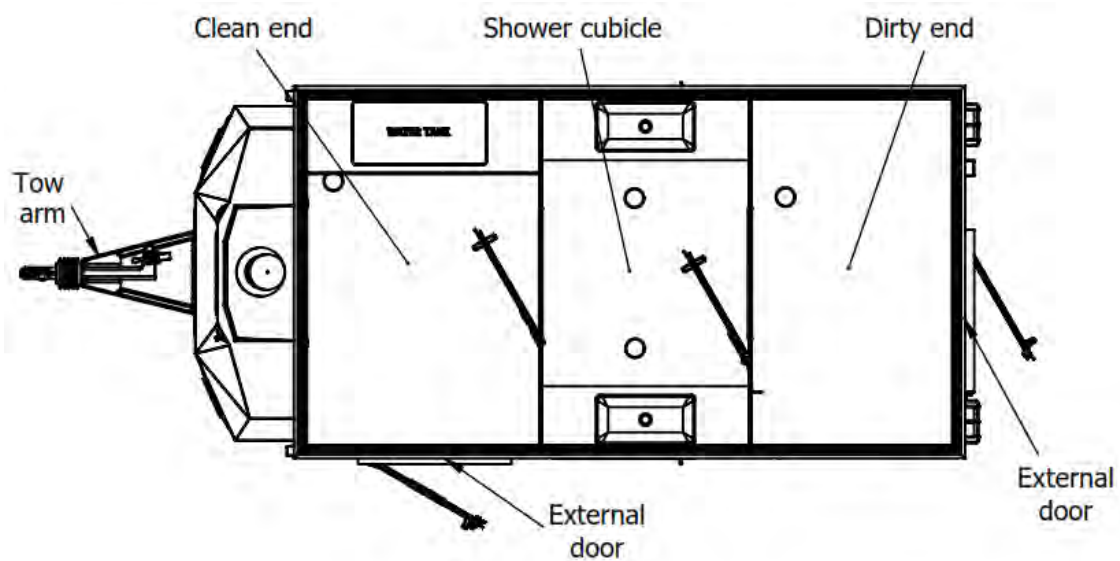
## 3. Technical specifications

### 3.1 Technical drawings

Please note, all drawings are indicative only – individual units may differ.



Notices on the unit indicate the 'clean' and 'dirty' ends and make it clear that unauthorised entry is prohibited. All drain outlets and electrical connections are also labelled to clearly identify them.



### Dirty end

- Sensor Light
- Waste Pump Activation switch
- Mirror
- NPU
- Drain
- Rigid GRP bench
- Electric heater
- Self-closing door

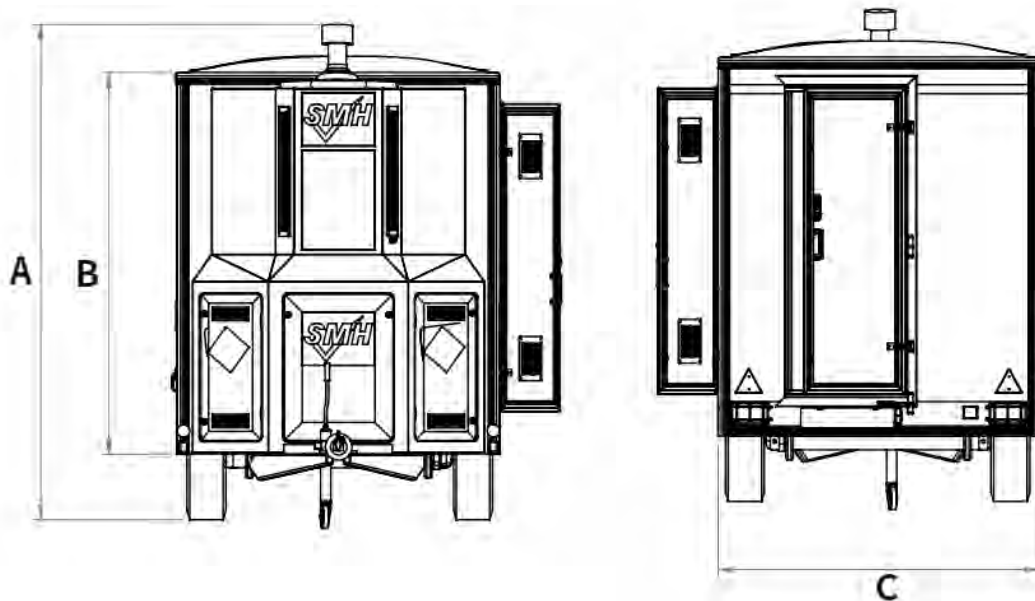
### Shower area

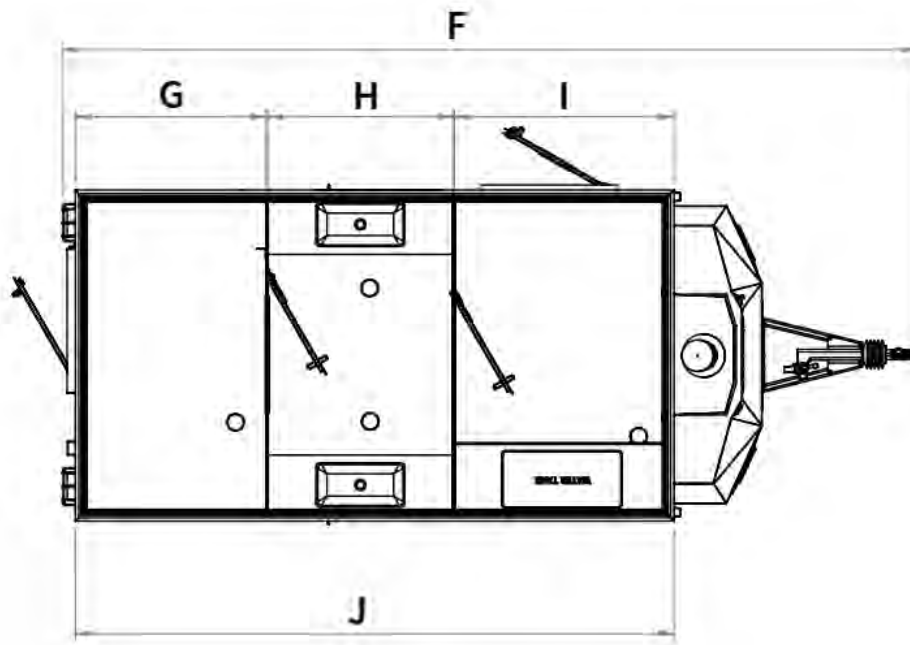
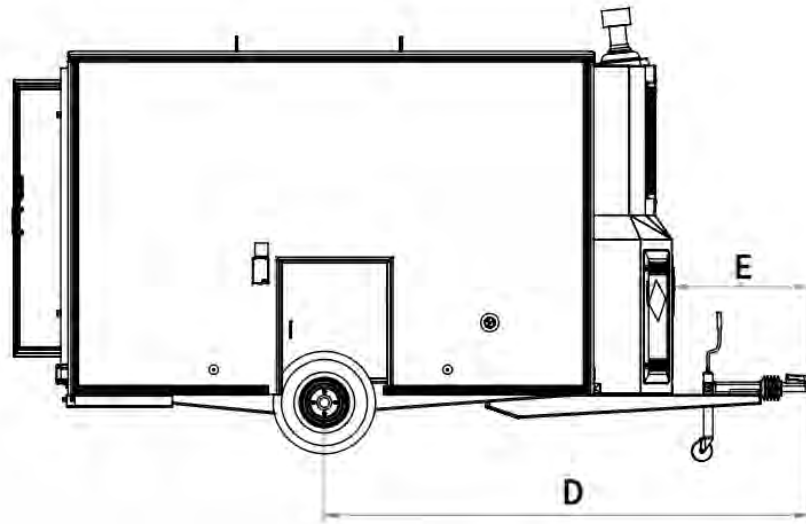
- Sink
- Shower
- Drain
- Light
- Self-closing door

### Clean end

- Sensor Lights
- Drain
- Lockable personal lockers
- RPE charging points
- Bench seat with water tank access
- Cupboard storage
- Electric heater
- First aid kit
- Water heater Control Panel
- Circuit Breaker / RCD Box (this may be found in the outer compartment above the wheel in some models)
- Tyre Puncture Sealant
- Self-closing door from shower area

### 3.1.1 Dimensions





Dimension	3 Stage DCU 150
External height (A)	2710
Internal height (B)	1900
External width (C)	1400
Axle to tow hitch (D)	2700
Spoiler to tow hitch (E)	850
Overall length (F)	4200
Length of clean end (G)	1000
Length of shower area (H)	1000
Length of dirty end (I)	1000
Internal length (J)	3000



## 3.2 Technical data

Features		3 Stage DCU 150
Areas (clean, shower and dirty)	3	
Showers	1	
WC (chemical toilet, wash basin, water)	No	
Lockers (of which have electric supply)	4	
Negative Pressure Unit	230 m <sup>3</sup> /hr	
Oil filled radiator	1	
Water tank	1	
Electrical		
Mains supply or generator voltage	230v	
Supply frequency	50Hz	
Maximum demand (excluding electric showers)	25A	
Electric water heater	Optional	
Gas		
LPG - Nautilus On Demand Hot Water Unit.	1	
Refer Hot Water Unit Instructions for specifications		
Chassis, towing and weights		
Axles	1	
Unladen weight (kg)	720	
Maximum laden weight (kg)	750	
Maximum design speed (km/hr)	140	
Wheels and tyres	175 R 13C	
Lights bulkhead square D type	3	

### 3.2.1 NPU technical data

Decon 500	
Case	Polypropylene
Case colour	White
Voltage (v)	230
Calculated load current (a)	1
Motor power (w)	162
Average airflow (m <sup>3</sup> /h)	
Average airflow (cfm)*	404
Variable speed control	Optional
Differential pressure gauge (pa)	0-1250
Hour meter	No
Isolation on/off switch	No
Fitted RCD 30ma	No

### 3.2.2 NPU filter technical data

Decon 500	
HEPA filter (mm)	305x305x150
HEPA efficiency H14	99.995%
HEPA initial pressure drop (pa)	280
Pre-filter (mm)	296x296x47

## 4. Standard operating procedures

The purpose of the SMH decontamination unit standard operating procedures is to provide guidance for the correct and safe method of use of the units.

**!** All personnel engaged in decontamination must follow the health and safety protocols described in the current legislation and guidance.

Please note, all photographs are indicative only – individual units may differ. If in any doubt, please contact Allens Industrial Products or SMH Products direct.

### 4.1 Transport of the unit

We recommend that the following checks are made before any towing journey is begun:

- Is the towing vehicle suitable for the height, weight and size of DCU to be towed?
- Is the weather/route suitable for towing? For example, high winds or steep inclines could have an adverse effect on towed units.
- Are the tyre pressures correct on both the towing vehicle and the DCU?
- Is the correct number plate displayed on the DCU?
- Are the 7 core cable and plug undamaged? – Do all lights work?
- Once the DCU is coupled to the towing vehicle:
  - Is the breakaway cable undamaged and correctly connected to a suitable point on the tow bar or towing vehicle?
  - Are all the lights on the DCU undamaged and working correctly?
  - Are the jockey wheel and any corner steadies fully wound up and secure?

As soon as possible after the commencement of the journey, check that the brakes react as anticipated.

**!** National towing laws take precedence over any statements made in this user guide.

#### 4.1.1 Procedure for coupling the DCU to the towing vehicle

**!** When towing a DCU, ensure the gas cylinder has been removed from the gas cylinder storage cupboard and that the water tank(s) have been drained. The towing weight of the DCU could be exceeded if gas cylinders are left in the storage cupboard or there is water in the tank.



Position the towing vehicle beneath the tow hitch of the decontamination unit (DCU).



Using the jockey wheel lower the tow hitch coupling onto the towing vehicle's ball hitch by turning the jockey wheel handle clockwise.



Lift the tow hitch handle as the jockey wheel is lowered onto the towing vehicle ball.



Ensure that the safety locking mechanism has latched into place; this is indicated by the green indicator on the tow hitch coupling.



Fully retract the jockey wheel by turning the winder clockwise.



Release the jockey wheel clamp handle on the jockey wheel bracket.



Fully retract the jockey wheel shaft up into the A-frame and tighten the jockey wheel clamp.



Attach the safety breakaway cable from the DCU to the towing vehicle's tow hitch.



Connect the 7 pin plug from the DCU to the towing vehicle's 7 pin socket.



Release the DCU handbrake on the tow hitch coupling.



Check that all running lights are now operational on the DCU.



Ensure that all of the corner steadies have been lifted before towing.



Ensure that all doors and hatches are locked and secure before transit, and fit the towing vehicle's registration plate to the registration plate holder on the rear of the DCU.

#### 4.1.2 Procedure for uncoupling the DCU from the towing vehicle



Apply the handbrake on the DCU. You will then need to remove the safety breakaway cable from the towing vehicle and the 7 pin running light connection from the towing vehicle.



Release the jockey wheel clamp handle and lower the jockey wheel to the ground, tighten the jockey wheel clamp handle.



Turn the jockey wheel handle anti-clockwise to lift the DCU from the tow hitch ball coupling on the towing vehicle.



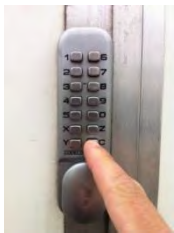
Lift the tow hitch coupling handle to release the safety locking mechanism and to detach the DCU.

## 4.2 Set-up of the unit



When the DCU is detached from the vehicle, release the handbrake and position the DCU on solid level ground.

It is then essential to re-apply the handbrake.



In order to open the DCU door, use the key pad (**the default code is C12XYZ**) and then the high and low level utility door locks using the utility door key supplied.



Remove the DCU entry and exit steps, wheel brace and power supply leads.



Lower the 4 corner steadies which are situated beneath the unit by placing the wheel brace onto the lowering nut of the corner steady and winding.



Turn the wheel brace anti-clockwise to lower the legs into position. Do not attempt to enter the vehicle until the corner steady's are fully lowered as this could cause damage to the 'A' frame / jockey wheel assembly.



Place the DCU steps at the entry and exit points of the DCU ensuring that they are on stable, level ground.





Ensure that the DCU has all of the required certification for gas, DOP, & electrical install. These documents can be found in the certificate holder located on the internal wall of the clean end chamber, or in the vehicle document pack provided.

*A clean air clearance certificate will only be required once a new unit is operable and should be available after each use of the DCU.*

**!** The DCU must not be used if the certification for gas, DOP, electric, and clean air clearance is not present.

## 4.3 Power & Gas supply procedures

### 4.3.1 Procedure for installing the gas cylinder



Open the front door cupboard located on the front left of the trailer, and locate the gas installation pipe-work and gas cylinder brace.

Gas cylinders must be installed outside on level ground.



Examine the flexible low pressure gas hose for any signs of splitting or degrading and to ensure the hose is safe to connect.



Check that the valve hand-wheel is closed on the gas cylinder by turning it clockwise. Remove the protective plug from the gas cylinder. The cylinder coupling is a left handed thread for connection.





Fit the flexible gas bull nose connector to the female valve coupling on the gas cylinder; ensure that the connection is tight by winding the black hand grip on the connection hose. Open the valve hand-wheel on the gas cylinder



Open the front hatch of the DCU that houses the water heater and water/waste pump.



Open the Peglar lever ball valve on the gas supply pipe work to supply the gas water heater.

See section 4.4.4, operating the water heater, below to continue the gas installation.

### 4.3.2 Procedure for a mains electrical connection



The DCU 240v 15amp mains power, inlet socket can be located on the panel beside the utility cupboard.



Using the 240v, 15amp power cable provided, connect the female end to the 15amp inlet socket



Connect the 240v 15amp male end plug to a mains supply socket outlet. You can then switch on the power outlet.



If 15amp supply connection is unavailable, use the 15-10amp **Ampfibian** 10amp to 15amp Adapter (supplied with the DCU) to allow connection to a 10amp mains power supply.



The consumer unit / circuit breaker panel can be found either in the offside wheel arch cupboard or within the personal lockers located inside the clean end of the DCU.



To test the mechanical operation of the RCD, press the test button mounted on the RCD safety device; the device should trip when the unit is powered.

### 4.3.3 Procedure for a generator supply



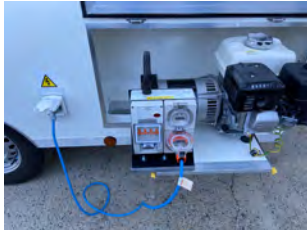
Locate the generator housing cupboard at side rear of DCU next to the mains power inlet.

Using the yellow latches, ensure the generator tray is unlocked so that the unit can slide out so it can be easily accessed for connection and starting.

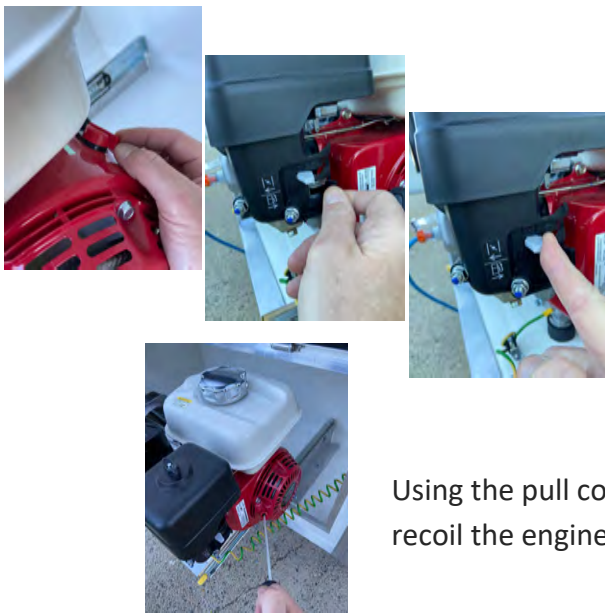




Using the short "generator connection cord" 15amp cable supplied, connect the 3plug, male screw fitting (orange) to the 15amp outlet on the generator. This screw fitting will prevent the plug from vibrating out of its connection.



Connect the 15amp female end of the "generator connection cord" to the 15amp mains power inlet on the DCU - located adjacent to the generator housing cupboard.



1. Switch on the generator on/off switch located on the rear of the generator (red switch).
2. Ensure the black fuel switch is pushed to open the fuel flow.
3. For cold starts, ensure the choke is pushed to on (choke can be returned to closed once generator is running)

Using the pull cord starting mechanism on the generator, continue to recoil the engine until the generator starts.

## 4.4 Operating the equipment fitted on the DCU

### 4.4.1. Powering Up the DCU

Once Mains Power or Generator Power has been connected, the DCU appliances must be powered up to operate. Ensure all appliances are plugged in and isolation switches are turned on including:

\* Ensure the NPU (Negative Pressure Unit) found in the dirty end - has its cover removed and is plugged and GPO turned on.

\* Ensure the NPU isolator switch is turned on also and that the NPU begins operating. This switch is located above the NPU in the dirty end, just below the waste pump timer button.



- \* Water Pump - found in front hatch.
- \* Waste Pump - also found in the front hatch



- \* The 12volt isolation switch for heater - found in gas boiler door in clean end.



- \* SMH DCU's are fitted with sensor lights that activate when movement is sensed and turn off after a period when no movement is sensed. There is **no switch** for these lights.



#### 4.4.2. Filling the Fresh Water Tank



The fresh water tank is situated within the clean end of the DCU. To fill the water tank, lift the large flap, then the second smaller flap to reveal the water entry point below.

**NOTE: The water tank pump unit requires a minimum amount of water within the tank to operate. If the pump is not working, fill the tank further until the pump kicks in.**



Before filling the fresh water tank, ensure that **the water drain valve** is closed. This valve is located at the front of the DCU to the left of the drawbar. Once drain valve is closed, proceed with filling the water tank.



### 4.4.3 Connecting Mains Water Supply



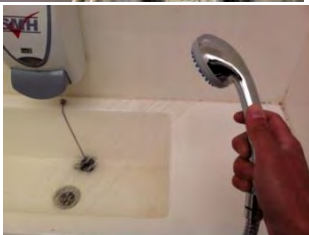
If using mains water - connect the mains water hose (using a standard quick release garden hose connector) to the 1/2" male tap connector mounted to the front of the DCU.



Connect the opposite end of the hose to a mains water feed. The water heater requires a minimum of 1bar to operate correctly.



Ensure that all of the DCU water drain valves are closed (both Cold & Hot Drain Valves) These drain valves are located at the front of the DCU in between the drawbars.



Turn on the water supply and enter the DCU from the clean end, ensure that the water runs freely from the shower heads by opening the shower tap located on the sink unit or mounted to the shower wall.

### 4.4.4 Operating the water heater

**NOTE: This DCU is fitted with a Nautilus Suburban "on demand" gas water heater that heats water as it flows.**



Ensure electrical and water supplies are connected and functioning. To operate the water heater, proceed to the clean end chamber. Locate the digital control panel for the "suburban" hot water unit situated above the door hatch for the gas boiler on the front wall of the DCU. The digital display should be showing if power is running to the unit. If not, press the power button at the left of the control panel.



Whilst the shower is not in use, the panel will indicate that heating is OFF on the control panel as per image to the left.

Once the shower is started and hot water demanded, the unit will automatically begin to heat and indicate this on the control panel with heat waves in bottom right hand corner as per image to the right.

**NOTE: For further information on operation of the Nautilus Suburban hot water unit, refer to the deciated Suburban Nautilus instruction manual included in the vehicle documentation pack.**

ON DEMAND CONTROL CENTER

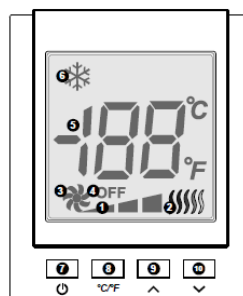
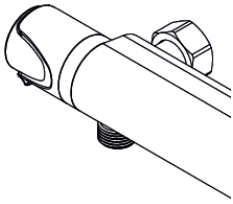


Figure 12

DISPLAY DESCRIPTION	
1	2 BURNERS
2	FLAME This icon is displayed when FLAME is established.
3	BLOWER This icon is displayed when the BLOWER is running.
4	OFF STATUS INDICATOR This icon is displayed when the Water Heater is in standby mode, ready to be used.
5	SETTING TEMP INDICATOR: OUTLET WATER TEMP INDICATOR A. When setting the water temperature, the temperature display will flash. After SET Temperature is selected, the display stops flashing after a few seconds. B. When the demand for hot water has been determined, the display will return to the SET Temperature. C. When the water heater is turned off, the display "OFF" will be displayed.
6	FREEZE PROTECTION This icon is displayed when the FREEZE PROTECTION MECHANISM is engaged.
BUTTON DESCRIPTION	
7	ON/OFF Power Button. Switch from turning unit ON or turning unit OFF.
8	SWITCH Hold for 5 seconds to switch between degrees (°) Celsius or degrees (°) Fahrenheit.
9	UP INCREASE SET Temperature by 1 degree increments. Setting range is 50°C/95°F to 50°C/122°F.
10	DOWN DECREASE SET Temperature by 1 degree increments. Setting range is 50°C/95°F to 50°C/122°F.

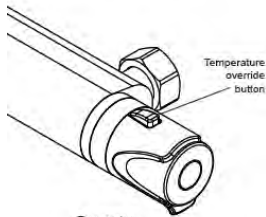
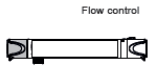
#### 4.4.5 Operating the shower **NOTE: This DCU is fitted with Benito Bar shower mixer.**

The shower bar has two toggle controls. Left side is for FLOW, Right side is for HOT/COLD WATER MIXING.



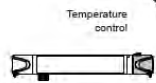
To start the shower, rotate the flow control (left-hand side) anti-clockwise. For max flow, rotate the flow control anti-clockwise until it stops. (see image at left)

To stop the water flow, rotate the flow control clockwise until the water stops flowing (see image at left).



To adjust the water temperature, rotate the temperature control (right-hand side), clockwise for a cooler shower or anti-clockwise for a hotter shower. (see image at left).

To overcome the maximum temperature stop, depress the temperature override button on the temperature control and rotate clockwise past the '38°C' position.

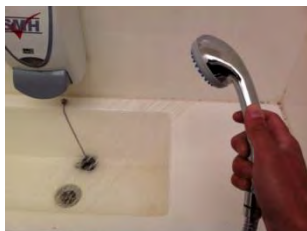


#### 4.4.6 Operating the fresh water tank pump system



Refer to power supply procedures 4.4.1 and procedure for filling the water tank 4.4.2, before continuing through the next section.

**⚠ NOTE: The water tank pump unit requires a minimum amount of water within the tank to operate. If the pump is not working, fill the tank further until the pump kicks in.**



The water tank pump is controlled by a pressure switch that activates when the taps are closed. Open the shower tap inside the DCU to ensure that the pump system is in operation.

#### 4.4.7 Operating the waste water pump system



The waste water system removes contaminated water from the shower cubicle and dirty end. The waste water pump is encased within a sealed compartment for insulation purposes.



Remove the waste water drain hose (supplied with the unit) and connect it to the waste outlet found at the front, next to the draw bar. Feed it into a suitable drain. Where suitable drainage is unavailable, you will need to use waste water collection tanks.



Check that clean 25 micron and 5micron water filters have been installed into the water filter housings and that they are tightened firmly, but not too tight using the filter spanner provided. Also ensure that the o-rings are in place between these housings and the screw retains prior to tightening so that a seal is formed and suction can take place.



Ensure that gauze filter within the small round black housing is also clean and clear of filtered debris.



The waste water control switch is found in the dirty end cubicle and is activated by pressing prior to the user entering the shower compartment.

**If multiple people are showering one after another, then the timer switch should be pushed by each user as they enter the shower cubicle.**



When the shower system is in use, ensure that the waste water pump has been activated.

The waste pump will continue to run for the maximum duration set to continue clearing waste water after the a shower is finished.

#### 4.4.8 Operating the Negative Pressure Unit (NPU)



The negative pressure unit is located in the dirty end of the DCU



The negative pressure unit is located beneath the bench seat.



Remove the filter plate by unclipping the over centre clips.



Place the cover plate where it will not cause an obstruction, underneath the bench seat.



Plug the NPU into the 240v 10amp socket outlet provided and the unit will activate.

**⚠ NOTE: The NPU is designed to operate for the entire time the DCU is in use to ensure a state of negative pressure and filtration at all times/ The NPU will only power down once power is disconnected from the DCU.**



The NPU pre-filter should be changed at least daily to prevent any failure to the negative pressure system.

See 5.3 below.



## 4.4.9 Operating the heating system



The DCU heating system can be manually operated; an oil filled radiator is situated in both the clean end of the DCU on the front wall (image 1) and under the bench seat in the dirty end of the DCU (image 2).



The tube heaters can be switched off at the isolation switches each heater has, or at the bus board/circuit breakers feeding the electrical installation which is clearly marked to which circuit supplies the heaters. The circuit breaker board is located in the clean end.



Mains supply sockets are situated within the personal lockers of the DCU. The supply sockets are to be used for charging powered respirators only.

## 4.5 Shut down of the unit

✓ Following the correct procedure is not only important to ensure the safe shut down of your unit – it will also extend the life of your unit, avoiding unnecessary damage and potentially costly repairs.

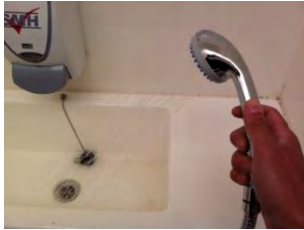
### 4.5.1 Procedure for water heater drain down/frost protection



Turn off the mains water supply tap.



Disconnect the 1/2" hose connector from the 1/2" male tap connector on the front of the DCU.



Open all of the hot and cold shower taps.



Open all of the hot and cold drain valves to ensure clean water is drained from the unit.

#### 4.5.2 Procedure for shutting down the NPU



Once use of the DCU is complete, seal the NPU using the transit cover plate to prevent fibre release during transportation.

#### 4.5.3 Procedure for draining the water storage tank



Ensure the water storage tank is fully drained by opening the water drain tap located at the front of the DCU.

**⚠ NOTE: The fresh water tank must be emptied prior to the DCU being towed as the weight of the water can damage the DCU in transit.**


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#### **4.5.4 Return of the unit after rental**

DCUs must be returned clean and free from any dust or debris, in a decontaminated state, i.e. with a full clearance certificate and a clean pre-filter fitted to the NPU, and without damage.

Any customer returning a unit in an unsuitable state as deemed by the receiving branch will be liable to additional charges.

## 5. Maintenance of the unit

 The following maintenance procedures and advice for the procedures must be followed to ensure that the unit is kept in good working order.

 All units should be maintained in 'an efficient state, in efficient working order and in good repair'. Hirers and users should be prepared to demonstrate how they maintain their equipment.

### 5.1 Regular inspections

#### 5.1.1 Pre-use checks

Visual checks of electrical equipment for obvious defects should be carried out before each use, including:

- The compatibility of electrical power sources;
- An earth fault loop impedance test;
- The voltage and plug pins of electrical equipment are compatible; and
- Ensure that the jockey wheel bolts are fully tightened and have not become loose due to misuse.

#### 5.1.2 Daily checks

The following daily operational checks should be carried out by a suitably trained supervisor before the beginning of each shift:

- Adequate supplies of water, gas and electricity;
- Adequate shower pressure and temperature;
- Operation of the heating system;
- Operation of the NPU, including checking the pressure gauge to ensure that the HEPA is not blocked;
- Conditions that might affect the use of the DCU facilities, e.g. frozen pipes; and
- The airflow must be checked.

#### 5.1.3 Weekly checks


Every week, users should conduct a visual check of electrical equipment for damage or wear and tear.


## 5.2 Maintenance

### 5.2.1 Maintaining the chassis

We recommend that the chassis is kept clean and free from dirt, and moving parts are kept well lubricated in order to keep the chassis of the unit in good working order between servicing.

### 5.2.2 Procedure for changing water filters

 Filters should be changed under controlled conditions by a qualified, competent person wearing full PPE and RPE.  
Filters must be disposed of in accordance with local regulations for the removal of asbestos-containing materials and within any site-specific method statements.

 It is a requirement of SMH Products that only liquid soap is to be used with the shower facilities in our DCUs; the use of bars of soap can cause a blockage in the water filter cartridge.



Regular checks of the waste water filters should be undertaken to prevent the failure of the waste pump system.



Ensure that the water filters are immersed in water and remove the filter bottle from the filter bottle bracket; turn the bottle anti-clockwise and unscrew the bottle from the bracket.



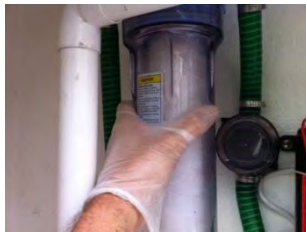
Remove the filter bottle 'O' ring, located in the recess of the internal bottle housing.



Empty the contents of the waste water bottle into an approved asbestos waste bag and follow your company procedures for the disposal of asbestos containing materials.



Refit a new water filter ensuring filter bottle 'O' ring is fitted back into place.



Screw the water filter bottle back onto the filter bottle bracket, the bottle must have a tight seal between the bottle holder flange and 'O' ring seal to prevent any air leaking into the pump system.



Use the supplier filter spanner to unscrew and screw the filter housing out of and into place.

### 5.2.3 Procedure for changing NPU pre-filters



Filters should be changed under controlled conditions by a qualified, competent person wearing full PPE and RPE.

Filters must be disposed of in accordance with local regulations for the removal of asbestos-containing materials and within any site-specific method statements.



Cut the pre-filter out of the NPU. Fit a new pre-filter into the NPU and seal it with cloth tape.



Place the dirty pre-filter in an approved asbestos bag and follow your company procedures to dispose of asbestos containing materials.

## 5.2.4 Maintenance of Gas Appliances and Gas Installation

### Gas Appliance:



### **CAUTION**


For your safety, ALL repairs and/or maintenance of unit should be performed by your dealer or an authorized service technician.

### Gas Installation:

Consumer Instructions (Per AS/NZS 5601.2:2013):

- Check connections at the appliances, regulators, hoses and cylinders periodically for leaks using soapy water, or its equivalent.
  - *NOTE: This should be done at least annually. It is recommended that this is only performed by a competent person or licenced gas installation technician.*
  - **DO NOT USE A MATCH OR A FLAME WHEN CHECKING LEAKS**
  - *Persons should familiarise themselves with the odour of unburnt LP Gas to assist in the early detection of leaks.*
- Close cylinder valve when appliances are not in use or whilst refuelling is in progress.
- In the event of fire, immediately close cylinder valve if safe to do so.
- Ensure valve is closed and fit gastight sealing plug to all spare cylinders not connected, whether full or empty.
- All additions or alterations to the LP Gas system shall be performed by an authorised person.
  - *NOTE: Appliances should not be altered without the authorisation of the manufacturer.*
- All permanent ventilators, flues and vents shall be checked regularly to ensure they are clear, open and unrestricted.
- In the event of an accidental gas leak, close cylinder valve and ventilate the area using a safe method until the air is clear.
- Flexible hoses should be inspected regularly by a competent person.

## 5.3 Servicing regime

 The NPU should be examined and serviced at least once every six months.

 We recommend that the DCU is examined and serviced at least every twelve months.

Please note:

- Any replacement parts must be supplied by and fitted in an SMH branch or an SMH-recommended service centre.
- Any modifications made to an SMH product after the product has been sold will void any product liability claim against us.
- Any use of the product other than that outlined in section 1.3, above, voids any product liability claim against us.