



AP160 Steam Shower

User/Installation Manual


AP160 Steam Shower - User Manual

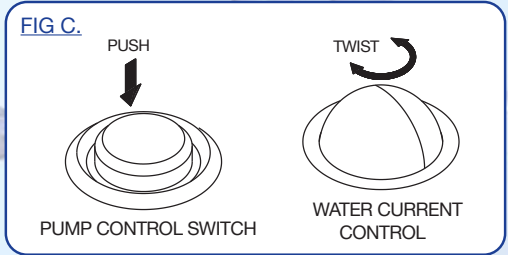
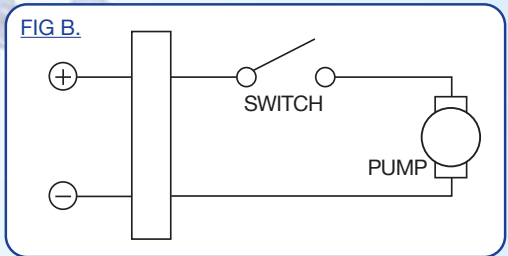
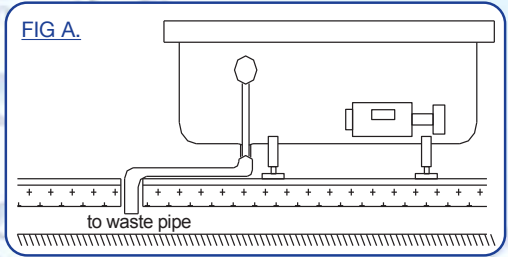
WARNING:

- 1) This product MUST be installed by qualified personnel, otherwise it will invalidate any guarantee supplied.
- 2) The power supply of this product must be earthed, it is recommended you install an RCD. Power input is AC 220V±10%,50Hz.
- 3) The water pressure to the AP160 shower must be equal and between 2-4 bar and the temperature of hot water supplied to the bathtub should be no higher than 70°C.
- 4) Do not operate the water pump with no water present as this will damage the pump seal gasket.
- 5) Please disconnect the shower from the mains before undertaking any maintenance.
- 6) Children, elderly people and the impaired must be supervised at all times when using this shower.
- 7) Only after strictly checking water intake pipes, steam pipes and connecting power cables and confirming all pipes and connections are in order should the product be switched on.
- 8) Electrical equipment not recommended by the manufacturers should NOT be connected to the machine. Unauthorised disassembling and repacking the already fixed wirings in the machine or removing and inserting new wirings and non approved parts is strictly prohibited.
- 9) It is recommended that a water softener should be fitted in hard water areas to prevent the build up of scale.
- 10) In hard water areas, the main steam generator should be cleaned and water scale cleared regularly. It is suggested that the main steam engine be checked every three months and cleaned according to the build-up. The procedure to clean is as follows: dilute 5-10 grams of citric acid with 1.4 litre warm water, dismantle the pipe connecting to the outlet of the main steam generator, add the citric acid solution, connect the steam pipe, leave for 60 minutes, then switch on the steam generator and heat for 30 minutes, finally switch off the steam generator and empty it.
- 11) The shower should be installed in strict accordance with local authority regulations and by qualified personnel.
- 12) The tub must be completely water tested before the start of any installation, otherwise warranty will become void.
- 13) Fixtures and fittings may become loose during transit. Please ensure that these are fully tightened before completing installation.
- 14) The guarantee covers part only and not labour costs.
- 15) Rack and shelves are not designed to take heavy loads
- 16) A pump, or pressure equalising valve, or water softener may be required on some installations.
- 17) The unit must be fully tested for any leaks before finalising installation.

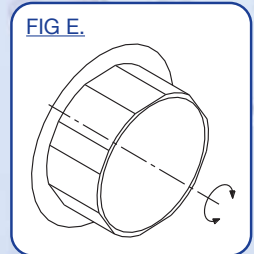
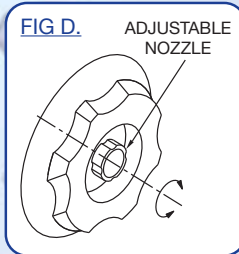
Aquaplus claim no responsibility for any faults that may arise should users violate the provisions of the instructions provided.

BATHTUB:

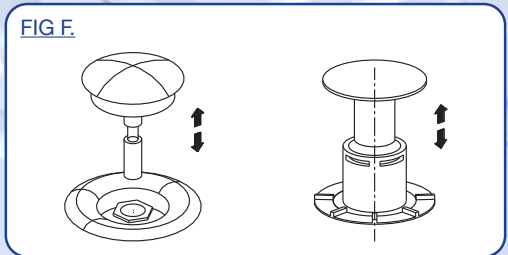
- 1) The hot and cold feed should be connected to full bore lever ball valves. Please make sure these are connected correctly at time of installation. Waste water is drained via the drainage hose that should be connected to your waste pipe (fig a). Ensure that the bath tub is level.
- 2) The bath's electricity supply is protected by a cut-off switch which uses air pressure to operate the switch and isolate the power in the event of any contact with water (fig b).
- 3) If you wish to use the foot massager whilst showering, place the foot massage unit in the bathtub, lift the cover, then turn the control knob to the position marked  to turn on the water jets. Rub your foot to and fro on the massage rollers in the unit to experience a relaxing foot massage.
- 4) The bath has 2 control knobs - the first is the electric pump control switch. This switches the water circulating pump on and off. Press once to start the pump, and press again to stop. The second control knob is the water intensity regulator dial, turn it clockwise and the water current increases, turning it anti clockwise decreases the intensity (fig c).



- 5) The bath contains a number of fully adjustable spray nozzles (fig d) for an underwater massage experience. The spray direction can be adjusted by rotating the central nozzle and you can adjust the intensity of the spray through the water current control knob on the side of the bath.
- 6) To drain the bath, rotate the knob (fig e) clockwise (about 30° - 45°), the water will drain out completely. To close the drain valve, rotate the knob anti clockwise to the same degree.



To clear the waste, lift up the plug, then the waste cover, clean and drop back into place. (fig f).



SHOWER:

1) This shower features a hand-held shower nozzle with six different spray styles as well as built-in high powered body jets for an all over hydrotherapy style massage (fig g).

The six different spray styles are clearly marked on the hand shower - to change style, simply rotate the outer ring of the shower head to the desired position. The built-in body jets are also fully adjustable, you can position the nozzle to any direction required.

2) The steam function of this shower can be used with essential oils, herbs, etc. for a true aromatherapy experience, using the built-in 'medicine box'.

Simply open the medicine box, version A or B depending on your shower (fig h), place in your oils or herbs and then switch on the steam function. The aromatherapy fragrance will combine with the steam and envelop the shower.

3) The shower is controlled by a single lever tap and a water distribution switch. To turn on the shower, lift the lever outwards towards you (fig i).

To adjust the hot and cold temperature turn the handle. Turn left for more hot water and right for cold (fig j).

The water distribution switch controls where the water is diverted to in the shower, turn the knob so that the arrow points the outlet you wish to use - overhead shower, hand shower, body jets or foot massager (fig k)

FIG G.

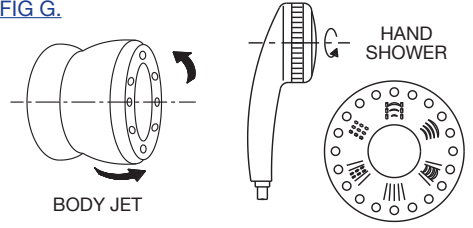


FIG H.

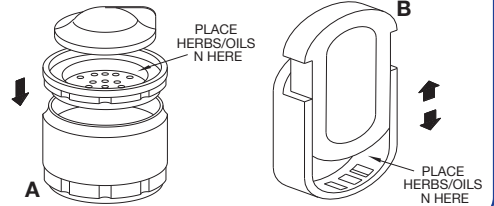


FIG I.

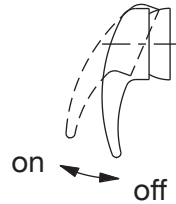


FIG J.

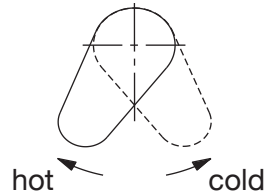
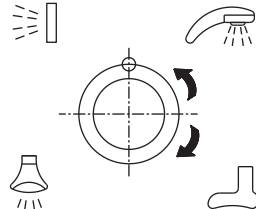
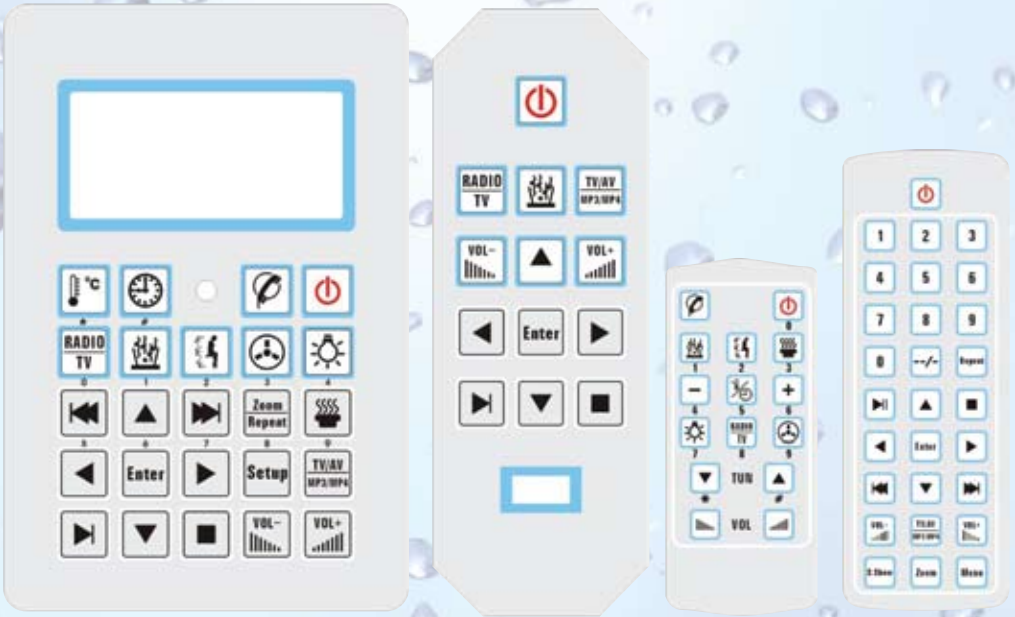


FIG K.



AP160 Steam Shower - Control Panels



Key

 POWER ON/OFF	 LIGHT	 FAN	 TELEPHONE
 STEAM	 TEMPERATURE SET	 SET UP	 BODY JETS
 RADIO	 TV/AV/MP3/MP4	 TIME SET	 ZOOM
 ENTER	 PLAY / PAUSE	 STOP	 STEAM HEATER
 BACK	 NEXT	 VOLUME +	 VOLUME -
 UP	 DOWN	 LEFT	 RIGHT

AP160 Steam Shower

OPERATING INSTRUCTIONS:

1) **System Booting:**

Press the Power On/Off button to switch on the shower. The LCD screen will light up, indicating the current screen room temperature, the lights will come on and the system will be in stand-by status.

2) **Steam Function:**

Press the Steam button to switch the steam function on and off. The LCD screen displays a steam symbol, indicating its working status. Please note: steam will not function normally in water shortages - a warning symbol will be displayed by the LCD screen in such instances.

3) **Temperature Setting:**

Press the Temperature setting button and the dynamic screen will display the previously set temperature for the steam shower. To adjust the shower to the required temperature, repeatedly press the temperature button, each press will increase the temperature by 2°C. The LCD screen usually shows ambient temperature of the shower. **If the actual temperature is higher than the set temperature the steam function will fail to start.**

4) **Water Pump and Steam Heat up Function:**

To start the water pump function press the Power on/off button. The LCD screen displays a water pump symbol indicating the pump is working correctly. Press the STEAM HEATER button to heat up the water. When the temperature is 38°C or lower, the heater can be switched to constant. In this mode, when the water temperature reaches 42°C the steam heater will be automatically switched off.

5) **Time Setting:**

The steam generator can also be run for a set length of time. To do this, press the Time setting button, the LCD screen will display the current time left for the steam shower and the time unit -min- (default value 20min). Continue press Temperature setting button to adjust required time for the steam shower, each press of the button increases the time by 5 minute increments.

6) **Spray Function:**

The system has three spray modes: body jets (upper, mid, lower), overhead shower, and circulating spray mode. Press the Spray button once to start the upper body jets, the LCD screen will display the corresponding symbol; press the Spray button the second time to start the mid body jets, again the LCD screen will display the mid jet symbol; press the Spray button the third time to start the lower jets - the symbol on the LCD screen will change to the corresponding icon.

To start the circulating spray mode simply press the Spray button a fourth time, the body jets will spray in rotation (upper, mid, lower) every five minutes. Press the Spray button for the fifth time to start the overhead shower and finally, press the Spray button a sixth time to turn off all spray/shower jets and the LCD screen.

7) **Light Function:**

Press the Light button to turn the light on and off. The LCD screen will display the light symbol and its current working status.

8) **Fan Function:**

Press the Fan button to switch the fan on/off. The LCD screen will display the fan symbol indicating that the fan is currently on and working.

9) **Telephone Function:**

The shower cabin has a built-in telephone with hands free answer function. When the phone rings, the system will shut down any audio output from the showers speakers and the phone will ring. Press the telephone button to directly answer the call. When the call is over, press the Telephone button again to shut down the telephone function and return to the audio output.

AP160 Steam Shower

10) Radio/TV Function:

To switch on the radio and TV functions, press the Radio/TV button on the control panel. Press once for radio, press a second time for television and press a third time to turn on the 'Play Media File' function. A fourth press will switch off all the radio and tv functions. The LCD screen displays the corresponding symbols to indicate which function you're using. **Aquaplus cannot be held responsible if the radio fails because of lack of reception.**

11) Radio Function:

The shower comes with a built in stereo FM radio with frequency display, digital tuning and automatic search function. To search for a radio station, simply press the Left/Right direction button when the FM radio function is on and the system will scan for radio stations between 88.0MHz~108.0MHz.

12) TV Function:

With the TV function selected, press the TV Channel +/- button to select channels, press TV Vol +/- button to adjust the volume and press TV/AV button to switch between TV and AV. Pressing the TV Menu button will bring up a menu of function settings for the TV. In the TV function settings, press TV Channel +/- button to choose the TV functions that are required and press TV Vol +/- to adjust and confirm the function.

13) MP3/MP4 Function (Optional):

In the 'Play Media File' function, press the MP3/MP4 button once to start the MP3 player function; press the MP3/MP4 button a second time to turn off the MP3 and turn on MP4 player function; press the MP3/MP4 button for a third time to turn off the MP4 player. The LCD screen displays corresponding symbols to indicate its working status.

14) MP3/MP4 basic operation:

1) *Autoplay:* Insert a USB memory stick/flash drive into the USB port on the control panel, then turn on the power and press the MP3/MP4 button. The system will automatically play the files on the device (on repeat) until the power is switched off.

2) *Priority play order:* If the USB memory stick/flash drive contains multiple media sources such as video, images and MP3, the priority of play order is video>images>MP3.

3) *Choosing a File:* Press the stop button during the autoplay process to stop whatever is currently playing and display a list of files on your USB memory stick/flash drive. Press Up/Down/Left/Right direction button to choose file, then press the Enter button to play the selected file.

4) *Function setting:* Press the setup button to enter the function settings menu. Press Up/Down/Left/Right direction buttons to choose a menu item, then press Enter button to set. To exit, choose 'exit setup'.

5) *Other operations:* Press Play/pause to play or pause a media file; press back and next to move between files currently playing; press Repeat to repeat your media file; press Zoom to zoom the image in or out.

6) *Supported file formats:* MPEG1 (VCD), file extension *.MPG/*.DAT; MPEG2 (DVD), file extension *.VOB/*.MPG; and MPEG4 (DivX / XviD coding), file extension *.AVI.

7) *Volume Adjustment:* Press Vol +/- button to adjust volume of MP3, radio, TV and telephone.

8) *Shower System Power Off:* Press the Power On/Off button when the system is working to shut down all functions and displays. The system will open the drainage valve of the steamer in 30 seconds, close the drainage in 3 minutes, automatically switch on ozone function and switch it off in 10 minutes.

15) Remote control:

The effective working distance of this remote control is affected by the operating environment. Avoid using in strong light and/or strong radiation. Obstructions in both the shower and the containing bathroom can cause the remote control to lose efficiency and shorten the effective working distance.

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MAINTENANCE:

- 1) Your shower can be safely cleaned with liquid detergent and a soft cloth. Do not use acetone or ammonia based cleaners and materials containing organic solvent when cleaning your shower. Use of these products can deteriorate the surface of your bath or base unit.
- 2) If the surface of your shower base/bath has slight mark on it's surface, firstly polish it with waterproof abrasive paper NO.1200 first, then use NO.2000 waterproof abrasive paper for a smoother polish. Finally use toothpaste as a final mild abrasive polish.
- 3) To maintain the chrome plated parts of your shower, wipe the parts lightly with a cotton flannel, make sure not to polish with a coarse cloth as these will mark the chrome.
- 4) Cleaning the underwater massage system: Fill the bathtub with hot water (approx 40°C) to a level just above the spray jets, add the correct amount of sanitizer and run the massage jets for about 5 minutes. Stop the pump and drain off the water, then turn on the water and run the massage jets for a further 3 minutes. Stop the pump and drain off the water. Make sure you do not use any foaming cleansers when cleaning the pumps as this may lead to a build-up which may jam the nozzles.
- 5) Any teak-decorated sheet or teak seat board should be wiped clean with a dry cloth after each shower. If you plan on not using the shower for any length of time these should be removed and stored in a cool dry place.
- 6) Please keep the bottom base clean, regularly unscrew the cover of the drain and remove any hair or dirt as this will impair the efficiency of the drainage system.
- 7) It is recommend you clean the steam generator after every 30 hours of use. To clean, add 5-10 grams of citric acid to 1.5-2.0 litres of warm water, and pour into the steam generator via the rubber tube. Leave for 8-12 hours then switch on the steam generator and allow it to discharge the fluid via the steam process.
- 8) After each use of your shower it is recommended that you lightly wipe down the interior of the unit with soft cotton towels and let the surfaces dry naturally. When undertaking any cleaning make sure that any water or cleaning products do not come into contact with the electrical circuits of your shower otherwise a circuit fault may occur, rendering your shower useless.

NOTICE:

- 1) The instructions contained in this manual may not all apply to this particular model and configuration.
- 2) As we constantly strive to improve our products we reserve the right to update this model without notice.

AP160 Steam Shower - Installation Manual

PARTS LIST

Part No.		Part No.		Part No.	
1		10		19	
2		11		20	
3		12		21	
4		13		22	
5		14		23	
6		15		24	
7		16		25	
8		17		26	
9		18		27	
28					

INSTALLATION:

1) Using a spirit level check the tub is level to your bathroom floor (fig 1). If the tub is not level, adjust the legs under the base (fig 2).



FIG 1.

2) Connect the drainage pipe (35mm) to the waste outlet. We recommend you use a compression fitting to adapt to a 40mm or 50mm waste pipe (fig 3).



FIG 2.

3) Affix the H-shaped rubber seal (part no. 21) to the black glass panels on the top and side of the panel only (fig 4), and also attach the glue bars to the clear glass panels.



FIG 3.



FIG 4.

INSTALLATION:

4) Attach the storage rack, towel rail, showerhead handle and foot massage connectors to the glass panels (fig 5) - parts no.s 12, 17 and 18.



5) Install the central wall using part no.s 1, 2 and 10 to attach it to the tub (fig 6).



6) Before installing the shower ceiling it is necessary to disconnect the metal transit locks, in order to later connect the front struts (fig 7).



7) To install the shower top cover use part no.s 1, 2 and 10 to attach it to the central wall (fig 8).



INSTALLATION:

8) To install the doors, first clamp and bolt the doors to the roof of the shower (fig 9a). Dont no tighten bolts until posts have been installed.



Feed any wires up the struts onto the ceiling (fig 9b)



Attach the H shaped rubber seal (part no. 21) to the bottom edges of the doors (fig 9c).



Finally tighten the bolts (fig 9d).



INSTALLATION:

9) Before installing the shower, first remove the cables from the aluminum strut which holds the external small control panel (fig 10).



10) In order to connect the external small control panel to the main control panel and the TV set, these two cables need to be run through the ceiling to the back control panel (fig 11).



11) Install the back glass walls, using part no.s 3, 4 and 10 (fig 12).



12) Install the two fixed glass panels to the front aluminum strut that holds the small external control panel (fig 13).



INSTALLATION:

13) Affix the left side aluminum strut (fig 14), followed by the right side strut (fig 15). Use part no.s 2, 3 and 10 to attach. Don't forget to lock the struts in place on the underside of the tub with the nuts supplied (part no. 2).



FIG 14.



FIG 15.

14) Attach the magnetic door bar - part no. 27, if the bar is too long trim down as necessary (fig 16).



FIG 16.

15) Adjust the doors until they are level, then fix in place (fig 17). Once the doors are level and secure, tighten and fix all the screws on the panels and the tub.



FIG 17.

16) Before proceeding, unbundle all the connection wires.

INSTALLATION:

17) Connect the solenoid to the junction box and then the water supply (fig 18).



18) Connect the power cable for the two control panels to the junction box, the first is on the back panel of the shower, the second is the small external control panel on the front strut. These connections should be made on the top of the shower (fig 19).



19) Connect the signal cable for the TV set. Connecting the cable between the small external control panel and the TV on the back panel of the shower (fig 20).



20) Connect the TV power cable (fig 21), one set of cables will come from the TV, connect these to the corresponding cables from the junction box.



INSTALLATION:

21) To hook up the TV, first connect the two aerial cables. One set of cables will come from the TV, the other from the junction box (fig 22).



FIG 22.

22) Then connect the audio and video input and output (fig 23), again one set of cables will come from the TV, connect these to the corresponding cables from the junction box.



FIG 23.

23) Connect the power cable to the junction box, the power cable comes from the main control panel on the back wall of the shower (fig 24).



FIG 24.

24) Release all the cables on the ceiling, these are for the lights, Ozone (O3), speakers and fan (fig 25).



FIG 25.

INSTALLATION:

25) Begin by connecting the two speakers. The speaker cables (fig 26) should be connected to the corresponding cables on the junction box.

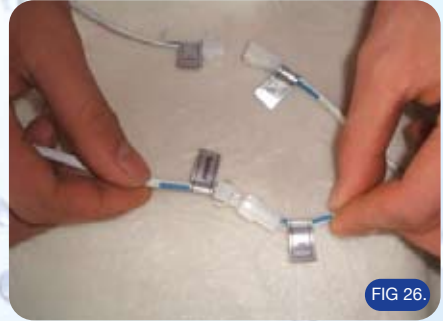


FIG 26.

26) Next connect the Fan. Again one set of cables will come from the fan, and you should connect these to the corresponding set on the junction box (fig 27).

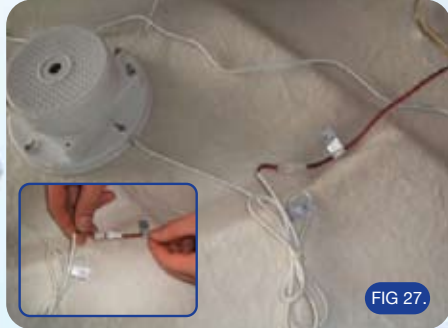


FIG 27.

27) Next up, using a screwdriver, connect the cables between the lights and the junction box (fig 28).



FIG 28.

28) Connect the cables from the Ozone (O3) unit, to the cables on the junction box (fig 29).



FIG 29.

INSTALLATION:

29) Connect the two movable showerheads on to the ceiling. The water is fed via the diverter valve on the back of the main shower panel (fig 30).



FIG 30.

30) Connect the monsoon rain shower head onto the ceiling. The water is fed via the solenoid on the back of the main shower panel (fig 31).



FIG 31.

31) Use a screwdriver to connect the light on the back panels of the shower (fig 32).



FIG 32.

32) Connect the bathtub temperature sensor to both the main control panel on the wall of the shower, and to the bath tub (fig 33).



FIG 33.

INSTALLATION:

33) Using a screwdriver, connect the shower's temperature sensor from the main control panel to the wall of the shower (fig 34).



34) There are two antennas from the junction box for receiving radio signals, attach them to a suitable place on the shower walls (fig 35).



35) To install the adjustable shower jets (part no. 28), connect the poles to the top of the ceiling first, and then connect the other ends to the control taps on the tub (fig 36/37).



INSTALLATION:

36) Connect the cold water pipe to the steam generator (fig 38).



FIG 38.

37) Connect the foot massager - part no.s 14, 15 and 16 (fig 39).



FIG 39.

38) Connect the door handles, part no.13 (fig 40).



FIG 40.

39) Standing inside the shower, affix the provided plastic seals (part no. 22) around all the glass panels of the shower (fig 41).



FIG 41.

INSTALLATION:

40) Seal the interior of the shower (fig 42) with waterproof sealant (not provided).



41) Put on the green (or grey) pillows. Part no.19 (fig 43).



42) Connect the shower hose (part no.14) and shower head (part no. 20) to the sliding rail (fig 44).

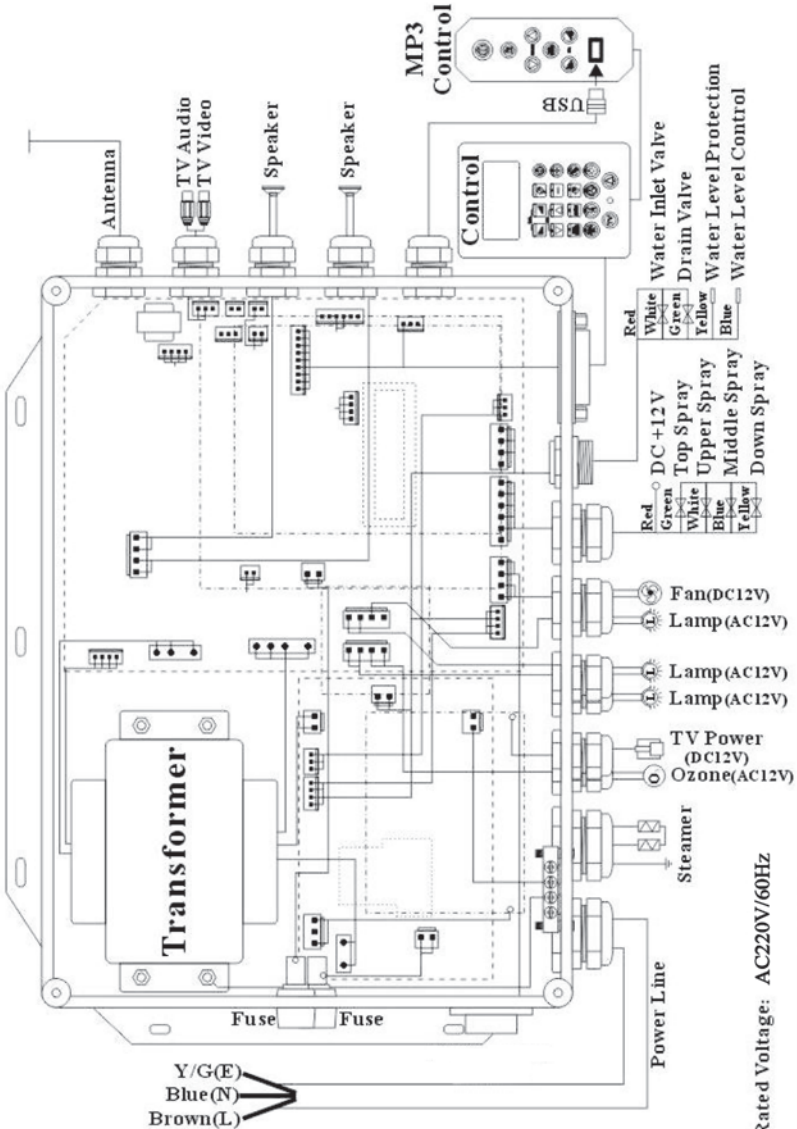


43) Put on the drain cover (part no. 26) in place. Please note that, in order to let the waste water flow-out smoothly, the drain should be adjusted to a suitable level (fig 45).



AP160 Steam Shower - Schematics

CIRCUIT CONNECTION MAP



ELECTRICAL SPECIFICATIONS:

Input Voltage: 220v, 30amp circuit | Steam Generator: 3000 Watts | Water Pump Motor: 750W

Optional items vary on different models. Specification subject to change. E&OE.

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Aftersales Dept.: 0844 884 9686 Technical Dept.: 0844 884 9680*

* Please note we can try to help but offer no guarantee or accept liability from any advice given, you are requested to qualify via an independant professional