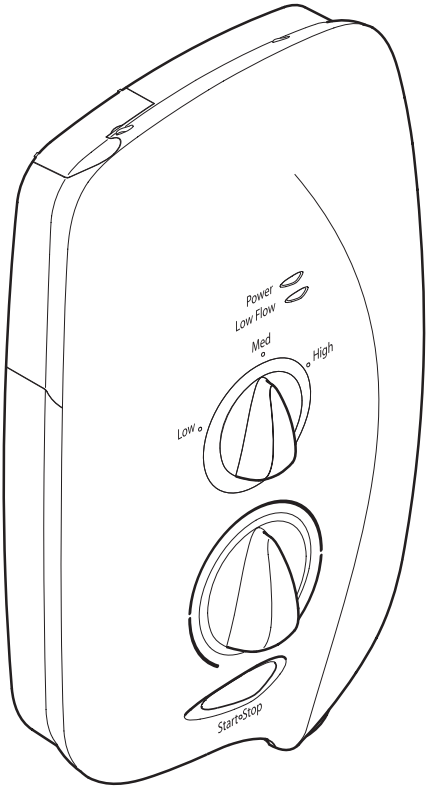
Mira Sport
7.5, 9.0 & 9.8 kW



These instructions must be left with the user

Installation Guide

Showering perfection

mira SHOWERS

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If you experience any difficulty with the installation or operation of your new Electric Shower, please refer to **'Fault Diagnosis'**, before contacting Kohler Mira Ltd. Our telephone and fax numbers can be found on the back cover of this guide.

INTRODUCTION

Thank you for purchasing a quality Mira product. To enjoy the full potential of your new product, please take time to read this guide thoroughly. Having done so, keep it handy for future reference.

The Mira Sport is an electric shower with separate controls for power selection and temperature/flow adjustment. A unique flow regulator stabilises temperature changes caused by water pressure fluctuations. These can result from taps being turned on or off or toilets being flushed. Individual lights indicate "POWER" and "LOW FLOW".

Mira Sport models covered by this guide:

Product	Model Number	Colour
Mira Sport 7.5	J95A	White/Chrome
Mira Sport 9.0	J95B/J95V	White/Chrome & Chrome
Mira Sport 9.8	J95C/J95W	White/Chrome & Chrome

Guarantee

For **domestic installations**, Mira Showers guarantee the Mira Sport against any defect in materials or workmanship for a period of **2 years** from the date of purchase (shower fittings for one year).

For **non-domestic installations**, Mira Showers guarantee the Mira Sport against any defect in materials or workmanship for a period of **1 years** from the date of purchase.

For Terms and Conditions refer to the back cover of this guide.

Patents and Design Registration

Design Registration:	000373543-002-004
Patents:	GB: 2 341 667 Ireland: 82835
Patent Applications:	UK: 2 427 460, 2 432 201 Ireland: 2006/0462, 2006/0818

IMPORTANT SAFETY INFORMATION

WARNING - This shower can deliver scalding temperatures if not operated, installed or maintained in accordance with the instructions, warnings and cautions contained in this guide and on or inside the appliance.

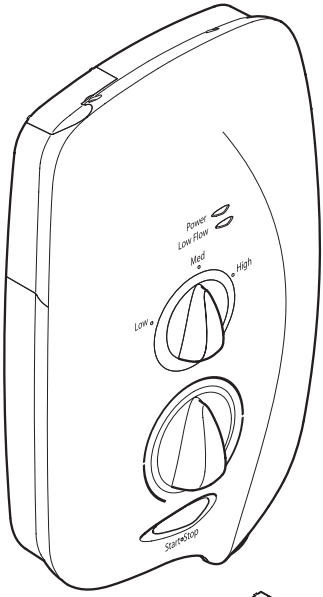
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY:

1. Installation of this shower must be carried out in accordance with these instructions by qualified, competent personnel.
2. Isolate the electrical and water supplies before commencing installation. The electricity must be isolated at the consumer unit and the appropriate circuit fuse removed, if applicable. Mains connections are exposed when the cover is removed.
3. **DO NOT** install the shower in areas with high humidity and temperature (i.e. steam rooms and saunas).
4. **DO NOT** install the shower where it may be exposed to freezing conditions. Ensure that any pipework that could become frozen is properly insulated.
5. **DO NOT** switch the shower on if there is a possibility that the water in the shower is frozen.
6. **DO NOT** switch the shower on if water starts leaking from the shower case. Isolate the electrical supply to the shower immediately.
7. **DO NOT** connect the outlet of the shower to any tap, control valve, trigger handset or showerhead other than those specified for use with this shower. Only Kohler Mira recommended accessories should be used.
8. The water supplies to this product must be isolated if the product is not to be used for a long period of time. If the product or pipework is at risk of freezing during this period they should also be drained of water.
9. **DO NOT** perform any unspecified modifications to the shower or it's accessories. When servicing only use Genuine Kohler Mira replacement parts.
10. If the shower is dismantled during installation or servicing then upon completion the product must be inspected to ensure all electrical connections are tight and that there are no leaks.
11. Read all installation instructions before installing this shower.
12. Upon completion of the installation, make sure that the user is familiar with the operation of the shower, and leave this guide with the owner.

PACK CONTENTS CHECKLIST

Tick the appropriate boxes to familiarize yourself with the part names and to confirm that the parts are included.

❑ 1 x Mira Sport 7.5, 9.0 or 9.8

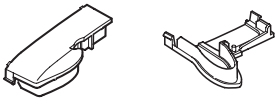


❑ 1 x Olive

❑ 1 x Compression Nut

❑ 3 x Fixing Screws

❑ 3 x Wall Plugs

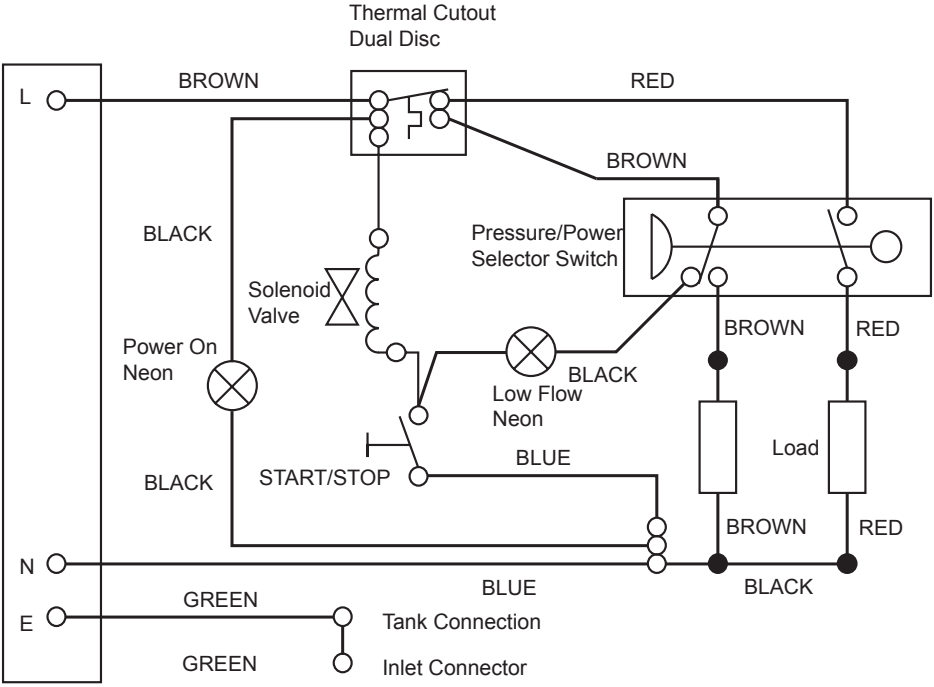


❑ 2 x Case Inserts

Documentation

❑ 1 x Installation Template
❑ 1 x Installer Checklist
❑ 1 x Guarantee Card

WIRING DIAGRAM



Internal Wiring Diagram

SPECIFICATIONS

European Conformity Information

Mira Sport range of showers complies with the following European directives: 2006/95/EC Low Voltage Directive, 2004/108/EC EMC Directive.

Mira Sport range of showers are high power appliance and are subject to conditional connection. If the main electrical supply fuse is rated less than 80 Amps, the local electricity supply company must be contacted to confirm if the electrical supply is adequate.

Mira Sport range of showers complies with the requirements of the UK's water regulations.

Plumbing	Variant		
	Sport 7.5	**Sport 9.0**	**Sport 9.8**
Minimum Dynamic Pressure	70 kPa (0.7 bar)	70 kPa (0.7 bar)	70 kPa (0.7 bar)
Maximum Static Pressure	1000 kPa (10 bar)		
Minimum Static Pressure	20 kPa (0.2 bar)		
Maximum Inlet Temperature	30°C		
Minimum Inlet Temperature	2°C		
Inlet Connection	1/2" BSP Male / 15 mm Compression Fitting		
Maximum Water Hardness	200 ppm $CaCO_3$		
Outlet Connection	1/2" BSP Male		

Electrical	Variant		
	Sport 7.5	**Sport 9.0**	**Sport 9.8**
Nominal Power at 230 V ac	6.9 kW	8.3 kW	9.0 kW
Nominal Power at 240 V ac	7.5 kW	9.0 kW	9.8 kW
Recommended MCB Rating	40 A	40 A	45 A
Maximum Supply Cable Size	16 mm²		
Recommended RCD Rating	30 mA tripping current		
Recommended Isolator Switch	45 A double-pole with 3 mm contact separation		
Appliance Sealing Rating	IP X4 - Suitable for installation in Zone 1		
Maximum Ambient Temperature	30°C		
Minimum Ambient Temperature	2°C		

Dimensions	
Height	340 mm
Width	204 mm
Depth	80 mm

INSTALLATION REQUIREMENTS

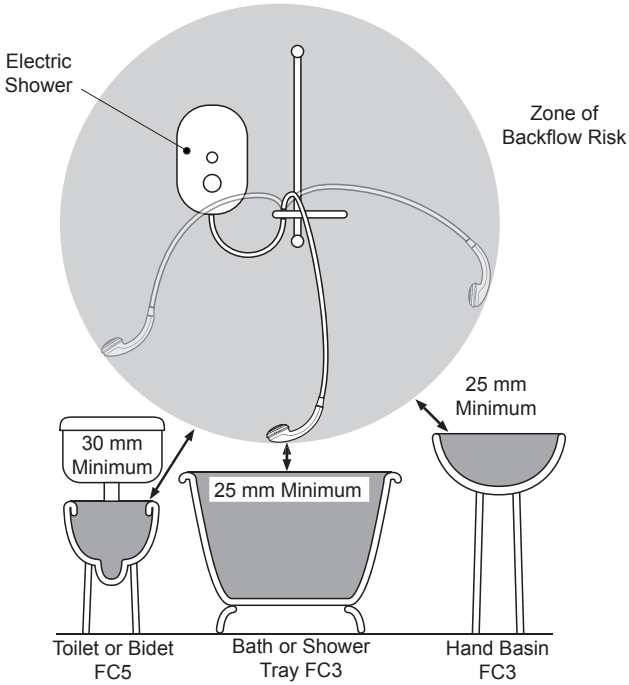
Please read the Important Safety Information and specifications sections at the front of this guide, and the requirements detailed in this section before installing the shower.

WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY:

Plumbing

1. The plumbing installation must comply with all national or local water regulations and all relevant building regulations, or any particular regulation or practice specified by the local water supply company.
2. Do not install the product in a position in which service access is limited.
3. Decide on a suitable position for the shower (minimum distance of 200 mm from the ceiling to allow for cover fit and removal).
4. The position of the shower and shower fittings must provide a minimum gap of 25 mm between the showerhead and the spill over level of any bath, shower tray or basin and a minimum gap of 30 mm between the showerhead and the spill over level of any toilet, bidet or other appliance with a Fluid Category 5 backflow risk (see diagram on page 9).
5. The shower is suitable for installation within the shower area and is fitted with a pressure relief valve. It must be positioned over a water catchment area with the controls at a convenient height for the user.
6. The shower must be fitted to a waterproof flat and even wall surface.
7. **DO NOT** fit the shower to the wall and tile up to the case.
8. **DO NOT** seal the gap between the shower and the wall surface.
9. The showerhead should be positioned so that it discharges down the centre line of the bath or across the opening of a shower cubicle.
10. The showerhead must be directed away from the shower unit, during normal use the showerhead must not spray directly on to the shower unit.
11. **DO NOT** apply excessive force to plumbing connections; always provide mechanical support when making plumbing connections. Any soldered joints should be made before connecting the shower.
12. This shower is not designed to be plumbed directly from the rear. For rear-entry supply, add an elbow to the supply pipe and connect as a rising or a falling supply.
13. If pipework and/or electrical cables enter the shower from the rear through a hole in the wall provision must be made to prevent water ingress back into the wall structure.
14. Only use the inlet connector supplied with the shower. **DO NOT** use any other type of fitting.

15. A full bore/non restrictive servicing valve must be fitted in a readily accessible position adjacent to the shower to facilitate maintenance of the shower.
    DO NOT use a valve with a loose washer plate (jumper) as this can lead to a build up of static pressure.
16. A water treatment device should be installed where the water hardness may exceed 200 ppm. Malfunctions caused by excessive limescale formation are not covered by this shower's guarantee (see back page for details).
17. The installation must not cause the hose to be sharply kinked during normal use.
18. **DO NOT** perform the electrical installation until the plumbing has been completed and checked for leaks.



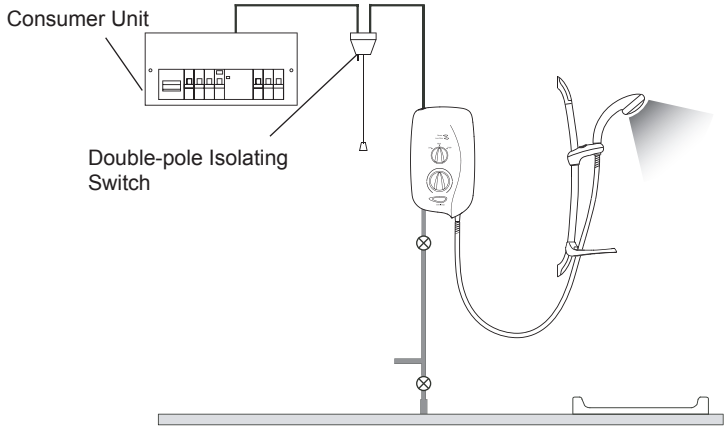
Hose Retaining Ring fitted and shower fittings fixed at a suitable height preventing dirty water backflow.

Note! There will be occasions when the hose retaining ring will not provide a suitable solution for Fluid Category 3 installations, in these instances an outlet double checkvalve must be fitted, this will increase the required supply pressure typically by 10kPa (0.1 bar). Double checkvalves fitted in the inlet supply to the appliance cause a pressure build up, which could exceed the maximum static inlet pressure for the appliance and must not be fitted. For Fluid category 5 double checkvalves are not suitable.

WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY:

Electrical

1. The electrical installation must comply with BS 7671 (commonly referred to as the IEE Wiring Regulations) and all relevant building regulations, or any particular regulation or practice specified by the local electricity supply company.
2. Ensure that all circuit protection devices, switches and cabling is adequate for the rated current of the shower and that the rating of the electricity supply company fuse and the consumer unit are adequate for the additional demand.
3. The shower **must** be earthed. Ensure any supplementary bonding complies with the relevant regulations.
4. This shower is intended to be permanently connected to the fixed electrical wiring of the mains system. A separate supply **must** be provided from the consumer unit to the shower.
5. **DO NOT** supply any other electrical equipment including extractor fans or pumps via this product.
6. This shower must be provided with means for local disconnection that is incorporated into the fixed wiring in accordance with the relevant local wiring regulations. This **must** be a double pole switch, which has at least 3 mm contact separation in each pole. The switch can be a ceiling mounted pull-cord type within the shower room or a wall mounted switch fitted in the applicable zone area.
7. A 30mA Residual Current Device (RCD) is recommended to be fitted in the circuit to the shower.
8. **DO NOT** apply excessive force to the terminal block.
9. All electrical connections should be checked for tightness to prevent overheating before switching on the electrical supply.
10. **DO NOT** switch on the electrical supply until the plumbing has been completed and checked for leaks.



Plumbing and Electrical Schematic

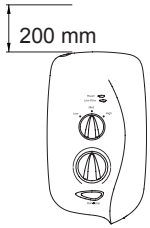
INSTALLATION

Read the section **"Important Safety Information"** first

1.

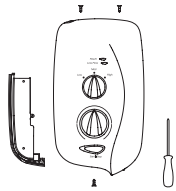
Electrical supply is turned off at the mains.

2.



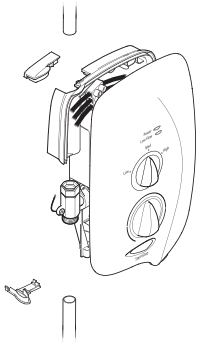
200 mm minimum gap from ceiling.

3.



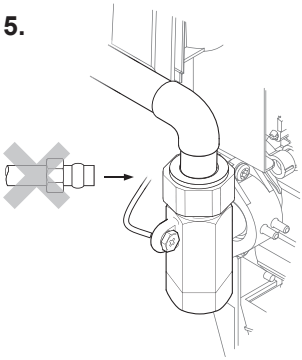
Remove three screws.

4.



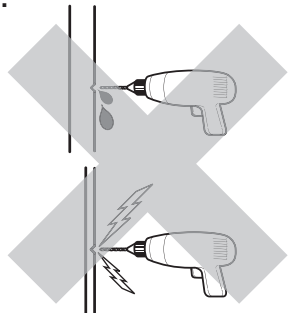
Remove cover and determine supply pipe position.

5.



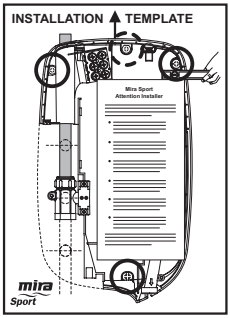
For back inlet use soldered elbow.
Do not trap green wire.

6.



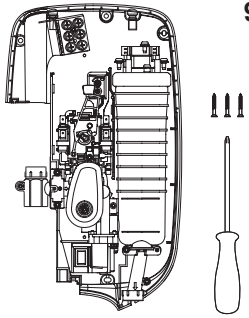
Caution! Do not drill into buried cables or pipes.

7.



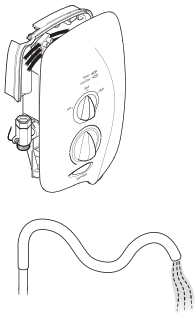
Drill and plug* the three holes using template.

8.



Fix appliance to wall.

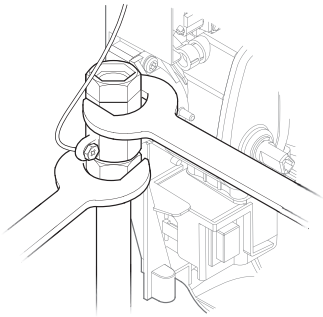
9.



Flush a minimum of 10 litres through pipework.

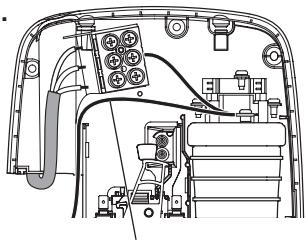
* Alternative fixings for some wall structures are not supplied.

10.



Connect supply pipe. Do not overtighten!

11.

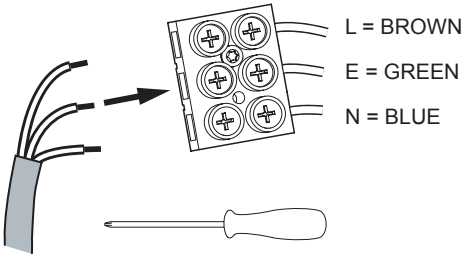


Important! Make sure that the inlet earth wire is routed as shown. Failure to do so may cause product malfunction.

Feed cable into Case. Fit Earth sleeve (not supplied) and strip insulation.

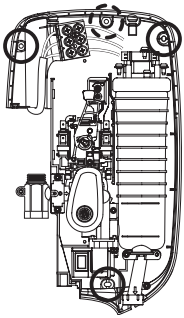
Do not twist cable cores.

12.



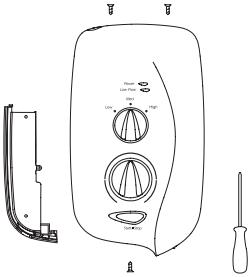
Firmly connect the conductors. Do not exert strain on the terminal block.

13.



Make sure wires are clear of all mounting holes.

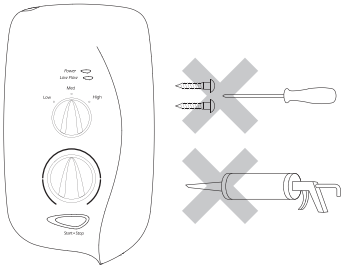
14.



Refit the Service Tunnel and Cover. Make sure they fit correctly.

Do not overtighten screws.

15.



Do not use alternative screws to secure the Cover. This can cause internal damage to the appliance.

Do not seal around the back of appliance.

COMMISSIONING

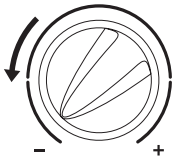
Before carrying out the commissioning procedure install the Shower Fittings, refer to the Shower Fittings Installation and User Guide.

If you are unsure how an electric shower works, please read through the **User Instructions** section before continuing.

1.

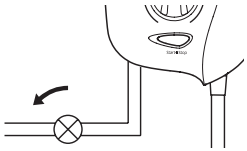
Electrical supply is turned off at the mains.

2.



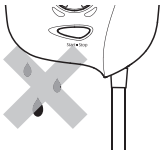
Turn control to full cold.

3.



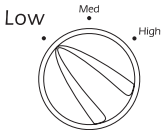
Turn water supply fully on.

4.



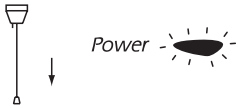
Check for water leaks.

5.



Set control to LOW.

6.

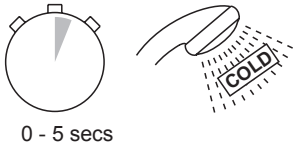


Switch on electrical supply.

7.

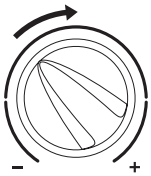
Push START button.

8.



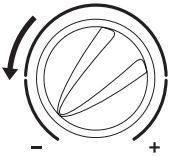
Water will be at full force and at a cool temperature.

9.



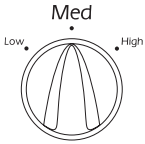
Turn control slowly. Temperature remains cool and flow is reduced.

10.



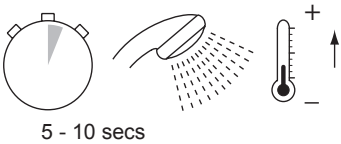
Turn control to full cold.

11.



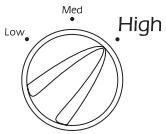
Set control to MEDIUM.

12.



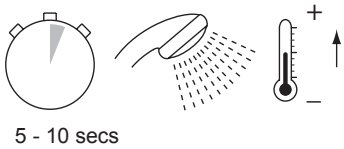
The temperature will rise slightly.

13.



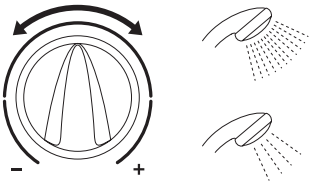
Set control to HIGH.

14.



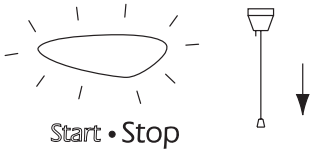
The temperature will rise further.

15.



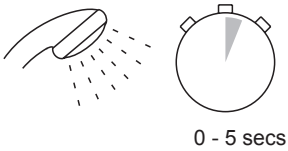
Adjust temperature as required. Flow rate will adjust automatically.

16.



Press STOP and isolate power.

17.



The shower will purge water from its tank for a few seconds.

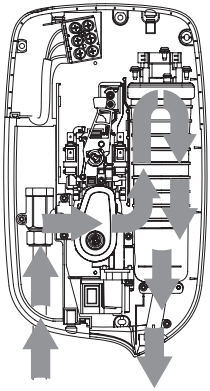
18.

Residual water may drain over a few minutes.

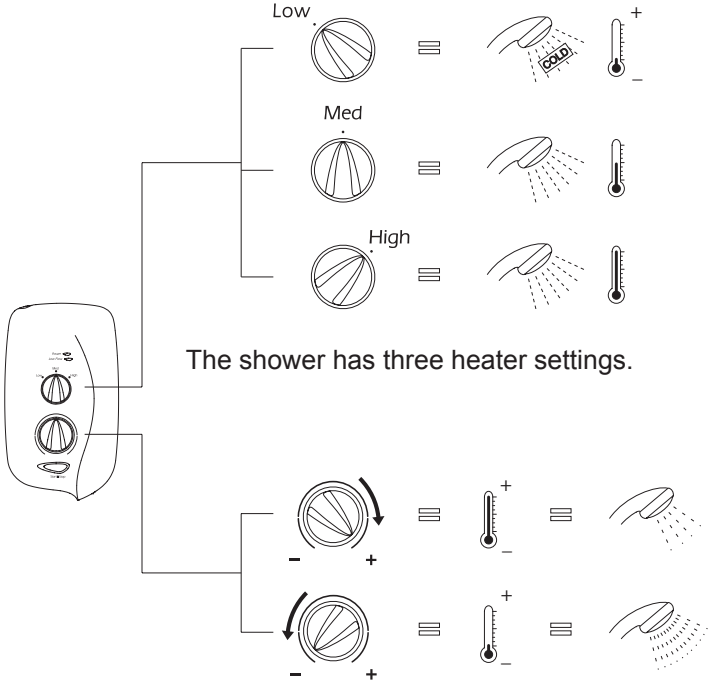
Note! A slight hissing sound may be heard from the Mira Sport during operation. High mains water pressure and high shower temperatures will affect the tone. This is quite normal in use.

USER INSTRUCTIONS

How Your Electric Shower Works



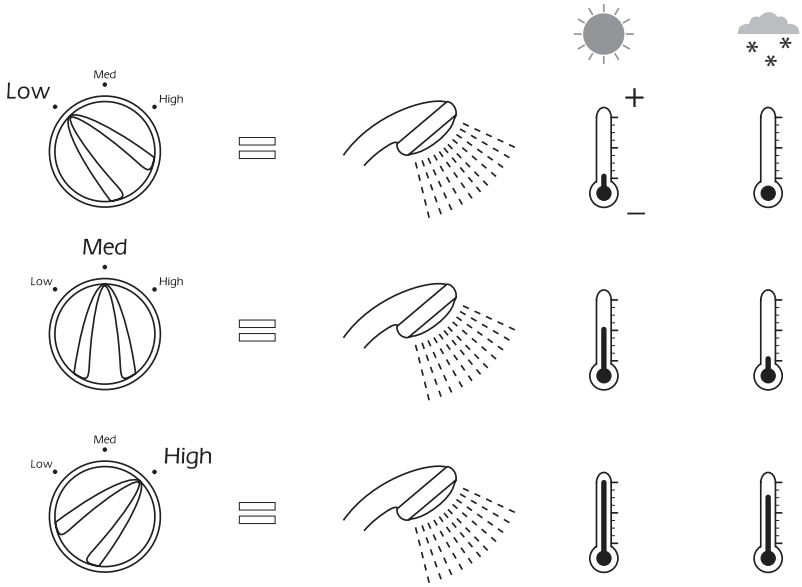
Hot water is produced by passing cold water through a heating tank.



The shower has three heater settings.

The warmer the shower, the lower the flow rate and vice versa.

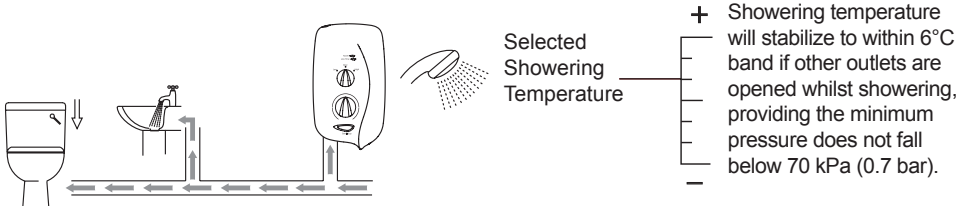
The Effect of Seasonal Changes



For a cold shower select LOW
For a summer warm shower select MEDIUM
For a winter warm shower select HIGH
Adjust the temperature as required
The flow rate will adjust automatically

The Effect of Other Water Devices

Example of how shower temperature stabilizes due to pressure changes.



Water inlet pressure fluctuations due to other draw offs (e.g. flushing toilet) will cause the showering temperature to increase.

USER SAFETY INFORMATION

WARNING - THIS SHOWER CAN DELIVER SCALDING TEMPERATURES IF NOT OPERATED, INSTALLED OR MAINTAINED IN ACCORDANCE WITH THE INSTRUCTIONS, WARNINGS AND CAUTIONS CONTAINED IN THIS GUIDE AND ON OR INSIDE THE APPLIANCE.

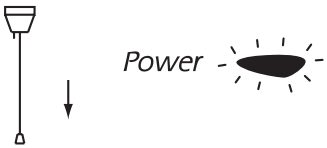
To reduce the risk of fire, electric shock or injury:

1. Make sure that you fully understand how to operate this shower before use, read all operating instructions and retain this guide for future reference.
2. This shower is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the shower by a person responsible for their safety.
3. Children should be supervised to ensure that they do not play with the shower.
4. **DO NOT** switch the shower on if there is a possibility that the water in the shower is frozen.
5. **DO NOT** switch the shower on if water leaks from the shower unit. Isolate the electrical supply to the shower immediately.
6. **DO NOT** switch the shower on if the case appears to be damaged or incorrectly fitted. Isolate the electrical supply to the shower immediately.
7. Switch off the appliance at electrical isolating switch when not in use. This is for safety and is recommended with all electrical appliances.
8. **DO NOT** connect the outlet of the shower to any tap, control valve, trigger handset or showerhead other than those specified for use with this shower. Only Kohler Mira recommended accessories should be used.
9. Always check the water temperature before entering the shower. Sunburn or skin conditions can increase your sensitivity to hot water. Make sure that you set the shower to a cooler temperature.
10. **DO NOT** operate the temperature control rapidly, allow 10 – 15 seconds for the temperature to stabilise before use.
11. Care is required if the shower is turned off and back on during showering as this may result in unstable temperature. Ensure temperature has stabilised before re-using shower.
12. The showerhead must be de-scaled regularly, refer to the user maintenance section towards the rear of this guide for details.
13. The shower hose must be checked regularly and replaced if damaged, refer to the user maintenance section towards the rear of this guide for details.
14. **DO NOT** store bathroom items on top of the shower unit (i.e. shampoo or shower gel containers).
15. The shower must be operated and maintained in accordance with the requirements of this guide.
16. If any of the following conditions occur, isolate the electricity and water supplies and contact Kohler Mira Customer Service.
    - If the case is damaged or the cover is not correctly fitted and water has entered the shower case.
    - If the shower begins to make an odd noise, smell or smoke.
    - If the shower shows signs of a distinct change in performance indicating a need for maintenance.

Using Your Shower

Read the section **"User Safety Information"** first.

1.

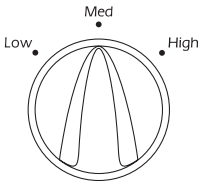


Switch on electrical supply.

2.

Press START button.

3.

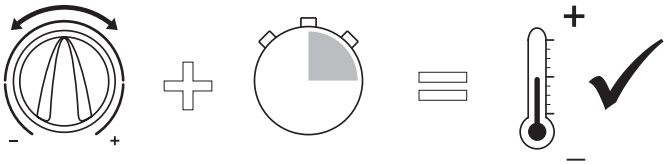


Set to desired position.

4.

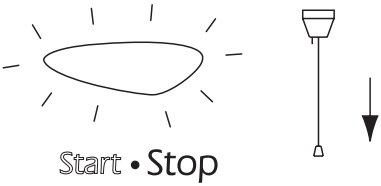
Check water temperature before entering shower.

5.



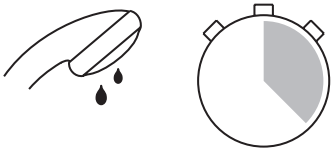
Allow 10-15 seconds for any temperature adjustments to reach the handset.

6.



Press STOP button. Shower will continue to run for a few seconds before stopping.

7.



A small amount of water may continue to drain over a few minutes.

FAULT DIAGNOSIS

The trouble shooting information tabled below gives details on probable causes and remedies should difficulties be encountered whilst the shower is in operation.

Warning! There are no user serviceable components beneath the cover of the appliance. **Only a competent trades person should remove the front cover!**

Symptom	Power Light	Low Flow Light	Heater Low/ Med/ High	Probable Cause	Possible Remedy
Appliance fails to operate.	OFF	OFF	Any	Electrical supply isolated at double pole switch.	Switch on electrical supply via the pullcord or wall mounted switch.
	OFF	OFF	Any	Fuse blown or MCB/RCD tripped, indicating possible electrical fault.	Renew the fuse or reset the MCB/ RCD. If fault persists, contact your installer.
Shower cycles from hot to cold.	ON	ON	Med/ High	Handset blocked.	Remove and clean.
	ON	ON	Med/ High	Water pressure below minimum required for appliance operation.	Make sure incoming mains water stopcock and/or appliance isolating valve is fully turned on.
	ON	OFF	Med/ High	Temperature dial or heater setting too high.	Turn the heater selector knob to medium or turn the temperature control until a cooler temperature is achieved.

Symptom	Power Light	Low Flow Light	Heater Low/ Med/ High	Probable Cause	Possible Remedy
Unable to select a cool enough shower.	ON	OFF	High	Due to the rise in mains water supply temperature, the Heater setting may be too high.	Turn the heater selector knob to medium and adjust the temperature control until a suitable temperature is achieved.
Handset dripping.	OFF	OFF	Any	Insufficient water supply pressure for shut off.	Min static pressure to ensure shut off and prevent dripping is 20 kPa (0.2 bar). **Note!** If other appliances are operating, static pressure may drop below 20 kPa (0.2 bar). Contact local water company. Renew Flow Valve.
	OFF	OFF	Any	Flow Valve faulty.	Replace.
Low or no flow.	ON	ON	Any	Water supply pipework or inlet filter restricted by a blockage or partial blockage.	Flush supply pipe. Clean Inlet Filter.
				Insufficient water supply pressure/ flow for operation.	Contact local water company. Supply pressure must be a minimum of 70 kPa (0.7 bar). **Note!** If other appliances are operating, pressure may drop below 70 kPa (0.7 bar).

(cont....)

Symptom	Power Light	Low Flow Light	Heater Low/ Med/ High	Probable Cause	Possible Remedy
Low or no flow. (cont....)	ON	ON	Any	Other outlets (e.g. toilet, garden hose, washing machine, etc.) drawing water while the shower is being used.	Turn off other appliances whilst shower is in use.
	ON	OFF	Any	Handset blocked.	Remove and clean.
	ON	OFF	Any	Service tunnel or cover not fitted correctly causing Start/Stop button not to operate.	Check case inserts are cut and fitted correctly. Check services (electrical or plumbing) are not interfering with location of service tunnel or cover.
	ON	OFF	Any	Flow Valve faulty.	Replace.
	ON	OFF	Any	Heater Tank excessively scaled.	Replace. In hard water areas consider the use of a water softener.
Operation of Temperature Control has little or no effect on water temperature.	ON	ON	Med/ High	Handset or Inlet Filter blocked.	Remove and clean.
	ON	OFF	Med/ High	Flow Valve faulty.	Replace.
	ON	OFF	Med/ High	Heater Tank failure.	Replace.
	ON	OFF	Med/ High	Microswitch failure.	Replace.

Symptom	Power Light	Low Flow Light	Heater Low/ Med/ High	Probable Cause	Possible Remedy
No change in temperature between Low/ Medium/High setting.	ON	ON	Any	Insufficient mains water pressure.	Contact local water company.
	ON	OFF	Any	Possible failure of flow valve, microswitch, or heater tank.	Use a suitable continuity device to check the continuity of the microswitch or heater tank and replace parts as necessary.
Water will not turn off.	ON	OFF	Any	Flow valve, solenoid, or Start/Stop switch faulty.	Replace as necessary.
	ON	ON	Any	Supply pressure below 20 kPa (0.2 bar).	Contact local water company. Check mains water static pressure.
Appliance fails to produce hot water when set on Medium/ High Heater Setting.	ON	ON	Med/ High	Insufficient water supply.	Contact local water company.
	ON	OFF	Med/ High	Possible failure of the microswitch or thermal switch.	Use a suitable continuity device to check the continuity of the microswitch or heater tank and replace parts as necessary.
	ON	OFF	Med/ High	Heater tank failure.	Replace.

USER MAINTENANCE

WARNING - TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY:

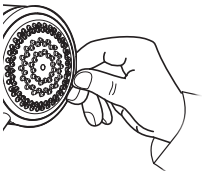
- There are no user serviceable parts inside the shower. Only qualified, competent personnel should remove the front cover, mains connections are exposed when the cover is removed.
- Switch the shower off at the isolator switch before performing any user maintenance or before cleaning the shower.
- **DO NOT** allow young children to perform user maintenance including cleaning of the shower.
- **DO NOT** use the showerhead to clean the shower.
- If the shower is not to be used for a long period, the electrical supply and water supply to the shower should be isolated. If the shower or pipework is at risk of freezing during this period a qualified, competent person should drain them of water.

Cleaning

Many household cleaners contain abrasives and chemical substances, and should not be used for cleaning plated or plastic fittings. These finishes should be cleaned with a mild washing up detergent or soap solution, and then wiped dry using a soft cloth.

De-scaling the Showerhead

Important! Keeping the showerhead clean and free from limescale will ensure that your shower and showerhead continue to perform to their maximum. A blocked showerhead can restrict the flow rate and may cause damage to your shower

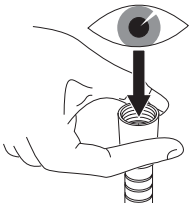


Use your thumb or a soft cloth to wipe any limescale from the soft nozzles

Inspecting the hose.

Important! The shower hose should be inspected periodically for damage or internal collapse, internal collapse can restrict the flow rate from the showerhead and may cause damage to the shower. Remove the shower hose from the shower, inspect and replace the hose if necessary.

Unscrew the hose from the showerhead and the shower outlet.



Inspect the hose.

SERVICING

WARNING

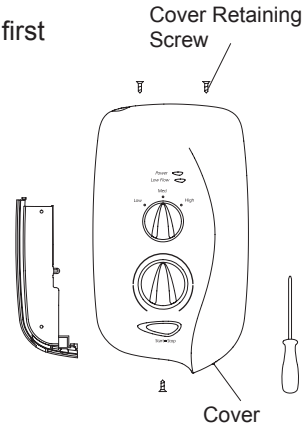
There are no user serviceable parts inside the shower.

Servicing of the shower must only be carried out by qualified, competent personnel following the instructions provided in this guide and those provided with any spare part.

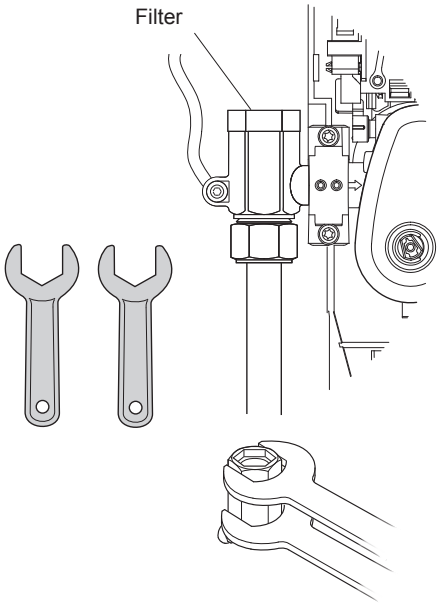
Before replacing any parts, ensure that the underlying cause of the malfunction has been resolved.

Inlet Filter - Cleaning/Renewing

Read the section **"Important Safety Information"** first



- Make sure that the electrical supply is turned off at the mains and that the water supply is fully turned off.
- Remove the three screws and the cover.



- Hold a wrench across the flats of the metal connector. Unscrew the filter using another wrench as shown. Clean or renew the Filter as necessary. Refit in reverse order making sure the Filter is screwed fully home.

  Do not overtighten! Make sure plumbing connections are sealed before restoring electricity supply.

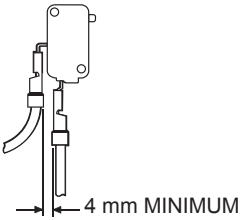
- Refit the cover making sure it is correctly located. Do not overtighten the screws.

SPARE PARTS

405.58	Inlet Connector Assembly
406.27	Inlet Filter (with 'O' seal fitted)
416.38	Clamp Bracket (Inlet)
416.41	Thermal Switch
416.48	Latching Switch
416.51	Solenoid Coil
872.01	Microswitch N/O - 2 pin
872.28	Microswitch C/O - 3 pin
1563.500	Heater Tank 7.5 kW 240 V AC (6.85 kW 230 V AC)
1563.502	Heater Tank 9.0 kW 240 V AC (8.2 kW 230 V AC)
1563.504	Heater Tank 9.8 kW (9.0 kW 230 V AC)
1563.507	Flow Valve Assembly
1563.509	Switching Assembly
1563.511	Cover Assembly
1563.513	Screw Pack - components identified 'A'
1563.514	Low Flow Neon Assembly
1563.515	Power On Neon Assembly
1563.516	Outlet Connector
1563.517	Service Tunnel
1563.518	Component Pack - components identified 'B'
1563.519	Terminal Block Assembly 9.8 kW 240 V AC (9.0 kW 230 V AC) only
1563.520	Wire Pack (not shown)
1563.522	Cover Seal (not shown)
1695.017	Cover Assembly (Chrome)
1695.018	Service Tunnel (Chrome)
1695.019	Component Pack (Chrome) Not Shown
1695.026	Case Insert Chrome Top (Not Shown)
1695.027	Case Insert Chrome Bottom (Not Shown)

Note! Case inserts 1695.026 and 1695.027 adapted for chrome variants with top or bottom service entry points are available on request.

B
B
B
B
B
B
B
1563.519
A
1563.509
416.41
1563.502
1563.500
1563.504
1563.511
1695.017
1563.515
1563.514
872.28
872.01
406.27
1563.507
A
405.58
A
B
1563.516
416.48
1563.517
1695.018
416.38
416.51
B
Power
Low Flow
Med
High
Low
Start/Stop



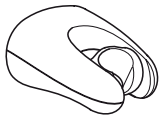
Important! Push-fit connectors must be assembled back to back onto terminals of micro-switches.

A minimum air gap of 4 mm must be maintained between the connectors after assembly.

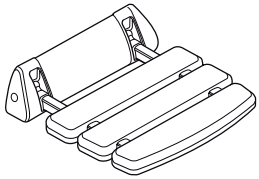
ACCESSORIES

Genuine Mira accessories can be purchased direct from Customers Services (our contact details can be found on the back cover of this guide) or from approved stockists or merchants.

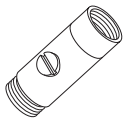
Everclear Showerhead
White - 2.1616.030
Chrome - 2.1616.031
Mira's new Everclear range has been specially designed for hard water areas and reduces the risk of lime scale build up.



Logic Showerhead Holder
White - 2.1605.149
White/Chrome - 2.1605.150
An alternative to the traditional slide bar. Often a useful addition when positioned for the smaller members of the family.

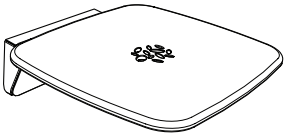


Shower Seat
White - 2.1536.128
White/Chrome - 2.1536.129
For use in or out of the showering area. Folds up when not in use. Maximum User Weight - 127 kg (20 stone) **Note!** Must be installed onto a solid wall.



Outlet Double Check Valve (DCV-H)
Chrome - 1.0.110.55.1
An outlet double check valve, designed to prevent the back flow or back-siphonage of potentially contaminated water, through shower controls which are fitted with a flexible shower hose as part of the outlet shower fitting.

Mira Standard Grab Bars
300 mm - 2.1605.070
450 mm - 2.1605.071
600 mm - 2.1605.072
Premium grade, highly polished, stainless steel grab bars.
Note! Must be installed onto a solid wall.



Premium Shower Seat
White/Chrome - 2.1731.001
Grey/Chrome - 2.1731.002
Stylish, slim-line and robust shower seat for use in or outside of the shower area. Folds up when not in use. Maximum User Weight - 150 kg (23.5 stone) **Note!** Must be installed onto a solid wall.

CUSTOMER SERVICE

Guarantee

Your product has the benefit of our manufacturer's guarantee which starts from the date of purchase.

To activate this guarantee, please return your completed registration card, visit our website or free phone 0800 0731248 within 30 days of purchase (UK only).

Within the guarantee period we will resolve defects in materials or workmanship, free of charge, by repairing or replacing parts or product as we may choose.

This guarantee is in addition to your statutory rights and is subject to the following conditions:

- The guarantee applies solely to the original installation under normal use and to the original purchaser only. The product must be installed and maintained in accordance with the instructions given in this user guide.
- Servicing must only be undertaken by us or our appointed representative. **Note!** if a service visit is required the product must be fully installed and connected to services.
- Repair under this guarantee does not extend the original expiry date. The guarantee on any replacement parts or product ends at the original expiry date.
- For shower fittings or consumable items we reserve the right to supply replacement parts only.

The guarantee does not cover:

- Call out charges for non product faults (such as damage or performance issues arising from incorrect installation, improper use, lack of maintenance, build up of limescale, frost damage, corrosion, system debris or blocked filters) or where no fault has been found with the product.
- Water or electrical supply, waste and isolation issues.
- Compensation for loss of use of the product or consequential loss of any kind.
- Damage or defects caused if the product is repaired or modified by persons not authorised by us or our appointed representative.
- Routine maintenance or replacement parts to comply with the requirements of the TMV 2 or TMV 3 healthcare schemes.
- Accidental or wilful damage.
- Products purchased ex-showroom display.

What to do if something goes wrong

If your product does not function correctly when you first use it, contact your installer to check that it is installed and commissioned in accordance with the instructions in this manual.

If this does not resolve the issue, contact our Customer Services Team who will offer you or your installer help and advice.

If you experience problems, check in this manual to see if simple home maintenance is required. If you require further assistance call our Customer Services Team.

Extended Guarantees

A selection of protection plans are available that enable you to cover repair bills for the life of your policy (excludes Eire). Ring 01922 471763 for more details.

Helpdesk Service

Our Customer Services Team is comprehensively trained and can offer help and advice, spare parts, accessories or a service visit.

We will need you to have your model name or number, power rating (if applicable) and date of purchase. As part of our quality and training programme calls may be recorded or monitored.

Mira Showers Website (www.mirashowers.co.uk)

From our website you can register your guarantee, download additional user guides, diagnose faults, purchase our full range of accessories and popular spares, refer to our FAQ's and request a service visit.

Spares and Accessories

We maintain extensive stocks of genuine spares and accessories and aim to provide support throughout the product's expected life.

Payment can be made by phone at time of order using most major Credit or Debit cards and we aim to despatch orders within 2 working days. Items purchased from us are guaranteed for 12 months from date of purchase. For safety reasons spares exposed to mains voltages should only be fitted by competent persons.

Returns – items can be returned within one month of date of purchase, providing that they are in good condition and the packaging is unopened. If you wish to return any items please notify us in writing within seven days of receipt.

Service / Repairs

Our nationwide team of Service Technicians can carry out service or repair work to your product within the guarantee period and beyond. You have the assurance of a fully trained Technician, genuine spare parts and a 12 month guarantee on any chargeable work done.

Payment should be made directly to the Service Technician who will accept most major Credit or Debit cards.

To Contact Us

UK

Telephone: 0844 571 5000

E-mail - Visit **www.mirashowers.co.uk/contactus**

Fax: 01242 282595

By Post: Mira Customer Services Dept, Cromwell Road, Cheltenham, Gloucestershire, GL52 5EP

Eire

Telephone: 01 459 1344

E-mail: sales@modernplant.ie

Fax: Dublin 01 459 2329

By Post: Modern Plant Ltd (Dublin), Otter House, Naas Road, Clondalkin, Dublin 22

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The company reserves the right to alter product specifications without notice.

FM 14648

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