

	Automatic			Manual		
Model Nos:	79341S	79351S	79361S	79344/6S	79354/6S	79364/6S
Cat. Nos:	TSR12AW	TSR18AW	TSR24AW	TSR12MW	TSR18MW	TSR24MW

IMPORTANT - PLEASE READ THIS LEAFLET CAREFULLY AND RETAIN FOR FURTHER USE. NOTE ALSO THE INFORMATION GIVEN ON THE HEATER.

- The Installation must be carried out by trained personnel.
- A means for disconnection must be incorporated in the fixed wiring by a double pole switch with a contact separation of a minimum of 3mm and in accordance with the current IEE Wiring Regulations.
- The heater must not be installed immediately below a fixed socket outlet.
- The heater is not suitable for connection to a 30A ring circuit.
- Do not position the heater under windows where curtains can contact the heater casing.
- To maintain stability, it is essential that the heater is placed on a level surface and care should be taken to avoid irregular surfaces, such as may result from carpets or tiled surrounds partially protruding under the heater.
- Only heat resisting cable (minimum rating T85) should be used.
- If used in a bathroom the heater must be installed such that switches and other controls cannot be touched by a person in the bath or shower.
- During any reassembly of the heater if a part of the thermal insulation shows damage or deterioration which may impair safety, it should be replaced with an identical part.

- **WARNING** - In order to avoid overheating, do not cover the surfaces of the heater.
- Do not put clothes, fabrics or any other materials on the heaters.
- Do not place objects in contact with the heater.
- Do not position the heater where objects can come within 250mm (10") of the top and 75mm (3") of the sides of the heater.
- **CAUTION** – Some parts of this product can become very hot and cause burns.
- Particular attention has to be given where children and vulnerable people are present.
- This appliance can be used by children from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance.
- Children less than 8 years of age should be kept away unless continuously supervised.
- **IMPORTANT** - Due to the newness of materials the heater will produce a smell for the first few days of operation. Rooms must be well ventilated and young children, caged birds or people with respiratory complaints must not remain in proximity to the heater for the first 48 hours of the commissioning period.

USING YOUR HEATER: Your heater will be one of two types: either one with automatic control of the overnight charge or alternatively, one on which you adjust this manually from time to time. If necessary, check which heater you have, by looking at the model number located on the wall fixing angle. Heaters with model numbers 79341, 79351 or 79361 are automatic heaters, all other heaters require manual adjustment. The heaters store heat overnight while the cost of Economy 7 electricity is cheaper and discharge the heat gradually throughout the following day. They use no electricity during the daytime and will operate on any 'off-peak' tariff in addition to the Economy 7 tariff for which they are primarily designed.

SHELVES: A shelf positioned above the heater will enable this space to be used because, as described earlier, it is not safe to place anything actually on the heater itself. Also, a shelf will cut down the dust streaking on the wall which sometimes results from the warm air rising from wall mounted radiators of all types. A purpose built range of shelves to suit the TSR heaters are available from your heater stockists or direct from Creda Heating.

3.4kW heater shelf pack 79062, 2.5kW heater shelf pack 79052 and 1.7kW heater shelf pack 79042

SETTING THE CONTROLS

The controls are located under the lockable flap at the right-hand corner of the top panel. To adjust the controls on the heater use a coin and engage it in the slot provided on the top surface of the knob.

AUTOMATIC INPUT CONTROL (SENSOR PLUS)

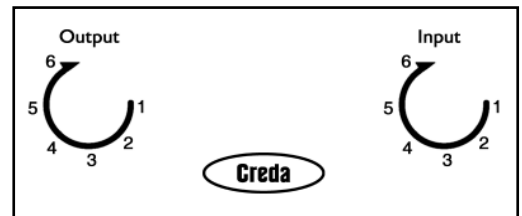
After 48 hours of running at maximum control settings, the heater can now be adjusted to operate at its optimum performance. Please use the following instructions as a guide.

1. In the early afternoon to early evening, say between the hours of 2pm and 8pm, turn the input control knob fully anti-clockwise until the minimum stop position is achieved, then turn the knob slowly clockwise until an audible "click" is heard - leave the control at this setting. This will allow the heater to take on an overnight charge.
2. On the following evening, (at around the time when you would normally be retiring to bed) judge the temperature of the room (not the heater). If the room is warm enough, carefully touch the top of the heaters side panel, this should be cool to the touch (i.e. heater discharged). If the side panel is still hot or quite warm, carefully reduce the Input Control Knob setting by a very small amount. On the following evening again judge whether the room is warm enough when you retire to bed together with the temperature at the top of the side panel. If however when you retire to bed after initially setting the Input Control to "the click" the room is too cool and the temperature at the top of the side panel is cold, increase by a very small amount the Input Control setting., repeat as necessary over the next two or three days. Remember, you need sufficient heat to be stored overnight in the core when it has finished charging to last through the day, so that by the end of the day virtually all of the heat has been used up.
3. Persevere with this procedure until you are satisfied with the temperature of your rooms. Due to the nature of the Auto Heater, once set up correctly, the input control can be left undisturbed and the heater will charge each night automatically following exactly the outdoor weather conditions, even to the point of off when summer arrives. The heater surfaces will of course vary according to the weather and the amount of heat stored. Because of variations in the siting for different heaters in rooms, each heater needs to be set individually and the finally chosen input control knob settings may be different in different rooms



MANUALLY-ADJUSTED INPUT CONTROL (SLIMLINE)

This control knob is marked overnight charge numbers 1 to 6, setting 1 giving the least overnight charge and setting 6 giving the maximum overnight charge. It would be a mistake to follow the varying outdoor weather changes by daily adjustment of the knob and it is best, rather, to follow the seasonal changes. Start in Autumn, say, with a setting of 1 to 3 and gradually increase the setting as the winter comes on, frosts etc., Reverse the pattern as winter turns to spring.



SUGGESTIONS FOR OVERNIGHT SETTINGS

OUTPUT CONTROL

This is the left hand knob under the flap. The setting on this will vary the rate at which the heat is delivered to your room. Low settings will keep more in the heater during the day, saving it for the evening.

After the input control has been correctly set-up, the output control position can now be determined.

Please use the following instructions as a guide.

1. Turn the output control knob anti-clockwise from its maximum setting to an intermediate setting, say of 3 or 4. Should the temperature of the room be to your satisfaction, leave it at this setting.
2. Should you wish to vary the temperatures throughout the day, you may adjust the knob setting up or down to achieve either a "boost" of heat or a cooler temperature, i.e. leave at a minimum setting of say 1 or 2 until evening, then turn the control back to minimum at bed time.

NOTE: The higher the setting during the day, the less heat saved for the evening and vice versa.

AFTER SALES SERVICE

Your product is guaranteed for one year from date of purchase. Within this period, we undertake to repair or exchange free of charge provided it has been installed and operated in accordance with these instructions. Your rights under this guarantee are additional to your statutory rights, which in turn are not affected by this guarantee. Should you require after sales information please go to www.credaheating.co.uk where you will find our self help guide by clicking on 'After Sales' or ring our help desk on 0844 879 3588. Spare parts are also available on the website www.credaheating.co.uk. Please do not initially return faulty appliance, or part of an appliance, to us as this may result in transit damage and/or a delay in providing service. Let us know your difficulty quoting the model number and serial number (located along the wall bracket). We will then take the appropriate action. Please retain your receipt as proof of purchase.



RECYCLING: For electrical products sold within the European Community.

At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.



This product complies with the European Safety Standards EN60335-2-30 and the European Standard Electromagnetic Compatibility (EMC) EN55014, EN60555-2 and EN60555-3. These cover the essential requirements of EEC Directives 2006/95/EC and 2004/108/EC

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Creda Heating

Millbrook House
Grange Drive
Hedge End
Southampton SO30 2DF

Customer Help Line:

0844 879 3588

Fax:

0844 879 3583

Website:

www.credaheating.co.uk