

THE WMF RANGE OF FAN-ASSISTED STORAGE HEATERS

The ultimate in storage heating technology, the excellent controllability of the WMF range of heaters ideally suit family living rooms and lounges, where user control is most desired.

By altering the room temperature control, you can select preferred comfort conditions. This is done by switching on the two-speed fan, drawing air through the heater core and discharging the heated air into the room through the low level outlet grille. By using the fan, the room temperature is increased very quickly.

The room temperature sensor controls the operation of the fan until the preferred comfort conditions have been achieved, at which point the fan automatically switches off.

The heat retaining core is surrounded by enhanced insulation, giving low case emission which is sufficient to maintain a room at approximately 15°C, retaining more heat until a higher temperature is needed, resulting in greater heat controllability with increased efficiency.

INSTANT HEAT

A unique feature of a WMF heater is the boost element. If, for example during summer, the heater has been turned off and the weather turns unseasonably cold, the boost element can be turned on for instant heat.

During normal operation, this element can only be activated when prolonged use of the fan has occurred, this avoids using electricity unnecessarily. WMF heaters have been specifically designed to ensure that maximum heat output is maintained at minimum cost.

USER FRIENDLY CONTROLS

Situated on top of the heater, controls regulate the stored heat input and fan-assisted output. Located on the side, the fan control can be switched to a high or low setting and the boost can be switched on when the fan is on high. The temperature control setting can be adjusted when the fan or fan/boost is activated.

Off PEAK STORAGE HEATER RUNNING COST CALCULATION

A basic calculation can be made by multiplying the hourly off-peak tariff rate by the overnight 7 hour charge, then multiplying that total by the kW rating of your heater (ie., 4.0 cents x 7 = 28.0 x 3.4 kW = 95 cents per day). However, this calculation assumes that the heater has accepted maximum charge which may not be the case on every occasion. If the heater does not require maximum charge, your running costs will be significantly lower.

CALCULATING HEATER SIZE

Generally speaking, the standard area that can be kept at 20°C in a room with average furnishings and an insulated 2.4 m ceiling, is 8 m² for every kW. The standard area kept at 18°C in the same circumstances is 10 m² for every kW. Heating similar size areas may vary according upon window area and furnishings, wall type, floor coverings, house aspect and microclimate conditions.

For more accurate calculations please contact your local electrical authority.



Performance

BENEFITS

- Exceptional user controllability.
- Energy efficient.
- Instantaneous fan controlled heat output, allowing heat on demand.
- 2 speed fan.
- Built in room sensor controlling fan.
- Low case emission, retains heat until required later in the evening.
- Boost element to maintain heat output.
- Separate heat source when required, using boost element.
- WMF heaters can be customised to suit commercial or domestic applications.

MODEL	WMF 718	WMF 724
INPUT RATING	2.5 kW	3.4 kW
BOOST ELEMENT RATING	1.0 kW	1.5 kW
7 HOUR CHARGE ACCEPTANCE	18 kWh	24 kWh
HEIGHT (mm)	612	612
WIDTH (mm)	788	1016
DEPTH (mm)	183	183
WEIGHT (kg)	120	157
NO. OF STORAGE BRICKS	12	16
HEIGHT ABOVE FLOOR (mm)	88	88
TOTAL HEIGHT (mm)	700	700



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The information contained in this brochure was correct at time of printing. Derby Products reserves the right to amend information without prior notice.

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OffPeak heat.

Where you need it
 and when you need it,
 for a lot less.



DERBY



MODEL	WMX 712	WMX 718	WMX 724
INPUT RATING	1.7 kW	2.5 kW	3.4 kW
BOOST ELEMENT RATING	—	—	—
7 HOUR CHARGE ACCEPTANCE	12 kWh	18 kWh	24 kWh
HEIGHT (mm)	612	612	612
WIDTH (mm)	560	788	1016
DEPTH (mm)	183	183	183
WEIGHT (kg)	77	110	145
NO. OF STORAGE BRICKS	8	12	16
HEIGHT ABOVE FLOOR (mm)	88	88	88
TOTAL HEIGHT (mm)	700	700	700

THE BEST FEATURES OF OffPEAK HEATING ARE THE ONES YOU DON'T NOTICE

Of all the different forms of heating that are available in Australia, only Derby OffPeak Storage heaters can offer you a range of heaters that provide a level of comforting warmth wherever you want it, whenever you need it quietly and efficiently day after day without you having to fuss over it.

Once installed, your Derby OffPeak heaters will continue to deliver a constant amount of heat, up to 60% cheaper and without the extreme room temperature variations that other forms of heating can give you, leaving one end of the house like a furnace and the other like an ice box.

Derby OffPeak Storage heaters operate quietly without dust or fumes, because of their low case temperatures they are safe for young children and the elderly in both public and private situations. Their sleek and compact styling, together with their low case temperature allows close placement of furniture and plants, giving you back more space and a heating system that's less noticeable.

THE WMX RANGE

The WMX range offers truly cost-effective solutions for all kinds of domestic and commercial situations, providing welcoming warmth in hallways, dining rooms and bedrooms, or in shops and offices.

Controllability and cost-efficiency are the obvious qualities required in a heating system. The manually operated controls of WMX heaters allow you to determine the heat level needed for the desired room temperature.

WMX heaters are designed to provide the right balance of case emission and heat retention, automatically saving you on annual running costs. High quality insulation means heat is retained until required later in the day.

ALL ROUND COMFORT ZONES

If needed, a boost of heat can be provided by the output control. By setting this control to mid point, the boost will start in the evening when extra output is required. Turning towards minimum, will progressively delay the commencement of the boost.

Using an afternoon charge will make your WMX heater even more effective. This allows the amount of heat stored in the heater core to be "topped up," giving an improved heating performance throughout the day.

Used in conjunction with the WMF or TTS fan-assisted storage heaters, you can achieve all round comfort zones throughout your home.

BENEFITS

- ⚡ An efficient heater at a competitive price.
- ⚡ Variable input charge, saving energy and costs.
- ⚡ Easily adjustable, input and output controls.
- ⚡ Controlled heat output.
- ⚡ Easy to install.



THE VFMI RANGE OF FAN-ASSISTED HEATERS

The VFMI series provides the optimum in comfort and controllability. With a heat storage capacity of 40 kWh or 50 kWh, VFMI heaters are ideally suited to heat large areas in domestic, commercial and industrial situations.

Both heaters are fitted with a highly sensitive capillary bulb thermostat, which accurately controls the amount of heat taken in by the unit core during available charge time. This heat is then stored in the core due to the super efficient insulation, allowing just a small amount of mild static heat dissipation through the case.

When the room is occupied and full heating is required, quiet slow-running fans force air through the heater core and out into the room through a mixing damper, providing a rapid uniform heat up. As soon as the temperature reaches the preset level the fans switch off.

Once set, your VFMI heater will continue to automatically maintain the desired room temperature.

No other heating system gives you the double advantage of permanent background warmth together with automatically controlled heating.

On cool summer evenings, or if there is a sudden drop in temperature, a direct acting element fitted in the air mixing chamber provides instant back-up heat

BENEFITS

- ⚡ Optimum user controllability.
- ⚡ Energy efficient.
- ⚡ Instantaneous fan controlled heat output, allowing heat on demand.
- ⚡ Slow-running fans provide rapid heat up.
- ⚡ Room thermostat controls heat output automatically.
- ⚡ Minimal case emission, retains heat until required.
- ⚡ Boost element to maintain heat output.
- ⚡ Almost 100% efficiency.

MODEL	VFMI40A	VFMI60A
INPUT RATING	4.0 kW	6.0 kW
BOOST ELEMENT RATING	1.1 kW	2.0 kW
7 HOUR CHARGE ACCEPTANCE	32 kWh	48 kWh
WIDTH (mm)	926	1226
HEIGHT (mm)	672	672
DEPTH (mm)	250	250
WEIGHT (kg)	183	262
NO. OF STORAGE BRICKS	24	36

