

# smart filter 8

CASCADE FILTER & SURGE PROTECTOR

MODEL B8F



- **SPECIALLY DESIGNED FOR LARGE PLUG ADAPTORS!!**
- **MASSIVE 196,000 AMP MAXIMUM SPIKE 4890 JOULES**
- **FREE CONNECTED EQUIPMENT WARRANTY UP TO \$200,000**

**FILTER FOR CRISPER BRIGHTER PICTURE**

**CRYSTAL CLEAR SOUND**

**8 OUTLETS IN 1 COMPACT BOARD**

**6 YEAR FREE REPLACEMENT WARRANTY**

**2X ISOLATED BANKS**

**CASCADE FILTERING**

**MAXIMUM FIRE SAFETY**  
Flame retardant plastic used

**100% AUSTRALIAN OWNED AND COMPLIANT**



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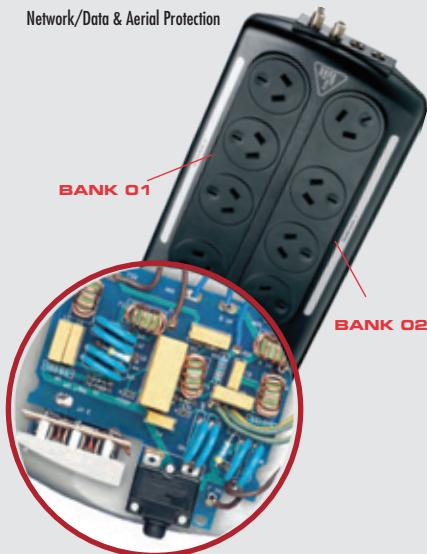
# smart filter 8

## CASCADE FILTER & SURGE PROTECTOR

MODEL B8F



Network/Data & Aerial Protection



- 2X ISOLATED BANKS
- CASCADE FILTERING

### SPECIFICATIONS

- Supply Voltage 240/V<sub>AC</sub> 50/Hz
- Maximum Current Rating 10amps/2400 W (VA)
- Clamping Voltage 275V<sub>AC</sub>
- Reaction Time less than 1 Nano Sec
- Maximum Transient Spike Impulse Current (AMPS) 196,000 amps. Equivalent to 49,000 Amps using UL1449 standard
- Maximum Energy Dissipation (Joules) 4890 Joules. Equivalent to 1750 Joules using UL1449 standard
- Protection Modes (all 8 outlets Protects on all 3 conductors) Active/Neutral, Active/Earth, Neutral/Earth
- EMI/RFI Noise Reduction Filter Type. Cascade dual bank isolation with 2 cascading circuits
- Number of Multi-Stage Filter Banks 2
- Number of Isolated Banks 2
- Number of Dedicated Outlets 4+4
- Total Number of Protected AC Outlets 8
- RJ 45 Data Protection (1 in - 2 out)
- AV/TV Connection In & Out
- Cable TV 'F' Type Connection In & Out
- Earth Potential Rise Protection
- Earth leakage Range Less than 1 milli amp
- Operating conditions Indoor/AC Mains
- Operating Temperatures - 10C/+60C
- Safety Approval No 5287
- Cable length 1.8m
- Model No B8F

### HOW IT WORKS

**Smart Filter 8** with its Unique Dual Bank Isolation Cascade™ circuitry provides maximum value protection for all your electronic equipment.

32 separate and discrete components working in both series and parallel provide a failsafe barrier against all categories of spikes and surges, so common with today's power grids. When it comes to minimising your equipment risk, we make no wild or glossy promises. Our products do what we say they do.

The team at THOR Technologies have individually engineered each product to be the best in its class.

**Best price. Best performance. Best value.**

### INSIDE OUR SMART FILTER 8

- LED control resistors
- Toroidal coils for maximum filtration
- AV/TV protected outlets - Now with BOTH dedicated Co-Ax and F-Type aerial protection
- RJ 45 Data Protection - 1 line in, 2 lines out
- For standard 75 Ohm Co-Ax cables
- Extra large metal oxide protection varistors
- Safety fuses
- Protection on all 3 conductors (Active, Neutral and Earth)
- Polyester Film Capacitors to Prevent inter-circuit interference (EMF, EMI and RFI)
- Safety Bleeder Resistor
- High Voltage Diodes
- Ultra Fast DC Protection Circuit
- Resettable safety 10 amp circuit breaker

### WHAT THIS MEANS TO YOU

Quite simply it means that once you install your Smart Filter 8 product as per the manufacturers instructions, your expensive home or office electronic equipment is being protected. Risk of damage is minimised, this is better than any other product on the market today.

It's peace of mind, stress free power protection, designed and engineered in Australia for Australian Conditions by Australia's most experienced power protection team.

### THOR Technologies Pty Ltd.

PO Box 95, Karrinyup Western Australia 6921

Designed & Engineered in Australia. Made in China

In the interest of product improvement and development THOR Technologies reserves the right at any time to modify or alter product design.

