

SOLLATEK pureAC

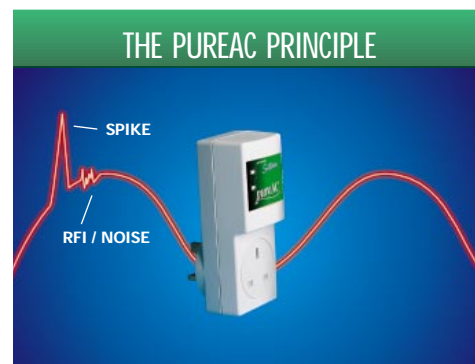


# MAINS FILTER

The Sollatek PureAC mains filter removes harmful disturbances to deliver clean power to your valuable equipment, at low cost.

Essential protection for:

- ♦ Computers and Fax machines
- ♦ Electronic Cash Registers
- ♦ Telephone exchanges
- ♦ Automatic Tellers
- ♦ Medical and laboratory equipment
- ♦ Electronic weighing scales
- ♦ TV, Video and Hi-Fi
- ♦ All other sensitive electronic equipment.



**Sollatek**  
The Power to Protect

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## SPECIFICATIONS

Model	pureAC03	pureAC07	pureAC13
Operating voltage	250v 50Hz		
Watts	750	1600	3100
Current rating (Amps)	3A	7A	13A
Capacitance	2 x 4.7nF (Y) 1 x 0.22uF (X2)		
Inductance	5.5mH	1.5mH	0.63mH
Typical attenuation	50dB @ 10 Mhz		
Total energy dissipation	480 J		
Peak transient current	6500A (8/20us)		
Dimensions	145x60x85mm		
Dimensions Packed	180x90x97mm		
Weight	230g packed		

### The Damage;

Sensitive electronic equipment, whether in a home or office environment, are at risk from damage due to surges, spikes and RFI (Radio Frequency Interference). Such electrical noise/interference causes equipment either to be damaged or malfunction in an unpredictable manner.

### The Cause;

Surges, spikes and RFI are generated by equipment such as central heating pumps, lifts, air-conditioners, vacuum cleaners, fluorescent lamps, photocopiers, computers, TV. Lightning is also a major source of surges and spikes with potentially disastrous effects.

### The Protection;

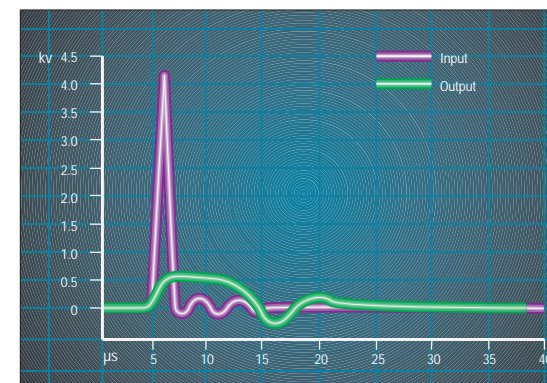
The PureAC will remove all spikes, transients, noise and RFI from the mains. It will clamp spikes up to 480 Joules and will attenuate noise typically from 15dB @ 100KHz up to 30dB at 1MHz thus ensuring delivery of pure mains supply to the appliance.

Operation is simple. Just plug the PureAC into the wall socket and connect your equipment to it.

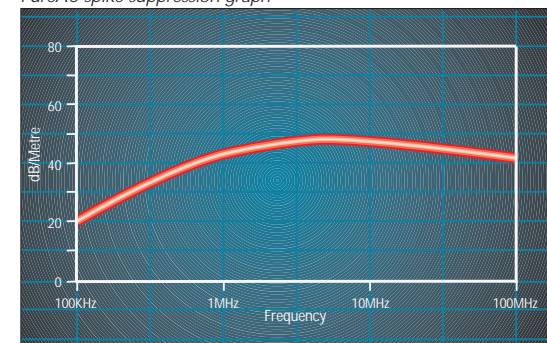
The PureAC incorporates large, high capacity metal oxide varistors (MOVs) to clamp harmful voltage spikes to a safe level, whilst a common mode choke, X2 and Y capacitor network filters out RFI. Light emitting diodes (LEDs) are fitted to the front of the unit to give an indication of the protection status of the MOVs. When all protection is intact both LEDs

are illuminated. If one or both LEDs are not lit this indicates that the unit needs to be replaced to restore full protection.

The PureAC is available in three versions offering current ratings of 3 amps, 7 amps and 13 amps.



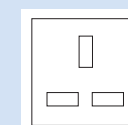
PureAC spike suppression graph



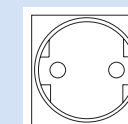
PureAC insertion loss graph



### OUTPUT SOCKETS AVAILABLE



UK 13amp



SCHUKO (SCH)

**Sollatek**  
**CLEAN POWER**  
PRODUCTS

Clean Power Products is a family of products that protect your valuable equipment from everyday power disturbances.

Products include:



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