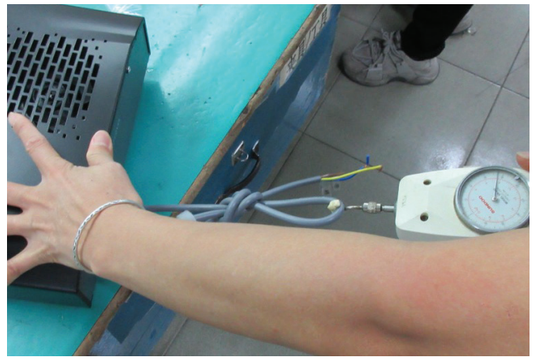
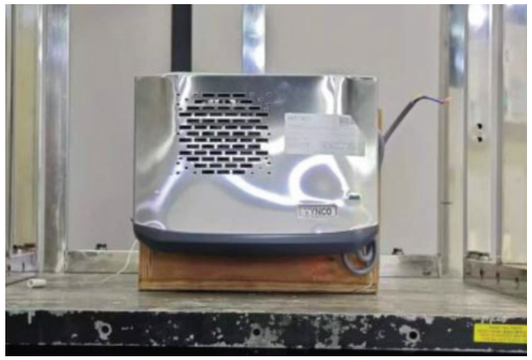


QUALITY ROBUSTNESS TESTING & INSPECTION

Quality control inspection and testing across all stages of manufacturing, supported by the compliance test laboratory engineers.

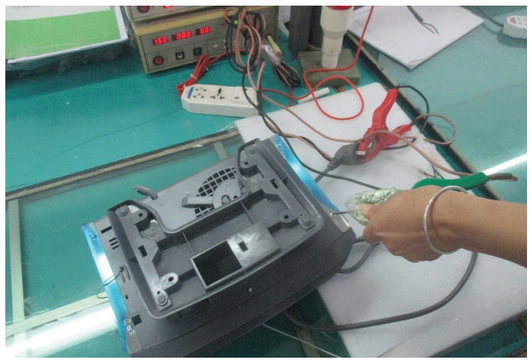


ENVIRONMENTAL & ACCELERATED LIFE TEST

Extensive testing hours at accelerated settings including, rapid thermal cycling, endurance, abnormal running completed throughout the entire development journey.

ABNORMAL OPERATION DESTRUCTIVE TEST

Undue stresses and abnormal conditions are simulated to verify the thermal protections activate for the product's fail-safe.



PRODUCT SAFETY TESTING & CERTIFICATION

New issued SDOC's, that is supported by certification to the latest AS/NZS Product Safety and CISPR EMC emission standards.

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PUB1056

VYNCO

VHBC CYPRUS BATHROOM HEATER

PRODUCT IMPROVEMENTS

To continuously challenge the status quo, driving smarter solutions, higher standards, and meaningful improvements in everything we do.

PTC HEATING ELEMENT

The VHBC replaces the traditional coil element with a PTC heating element.

Key benefits include:

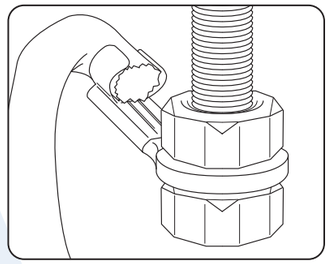
- Real-time self-regulating heat output
- Automatic adjustment to the ambient and operational temperatures
- Overheating prevention

ENHANCED SAFETY PROTECTION

Integrated two levels of non-self-resettable thermal fuses, precisely calibrated to match the operating characteristics of the PTC element.

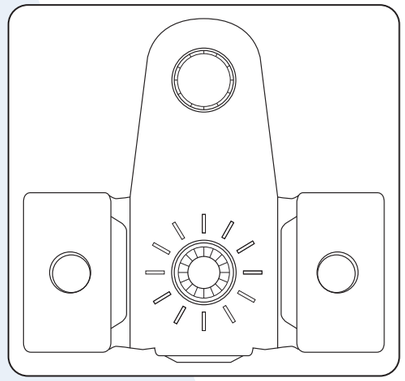
COMPLIES WITH
- AS/NZS60335.2.30 & AS/NZS60335.1
- AS/NZS CISPR 14 EMC Emission

KEY IMPROVEMENTS



EARTHING

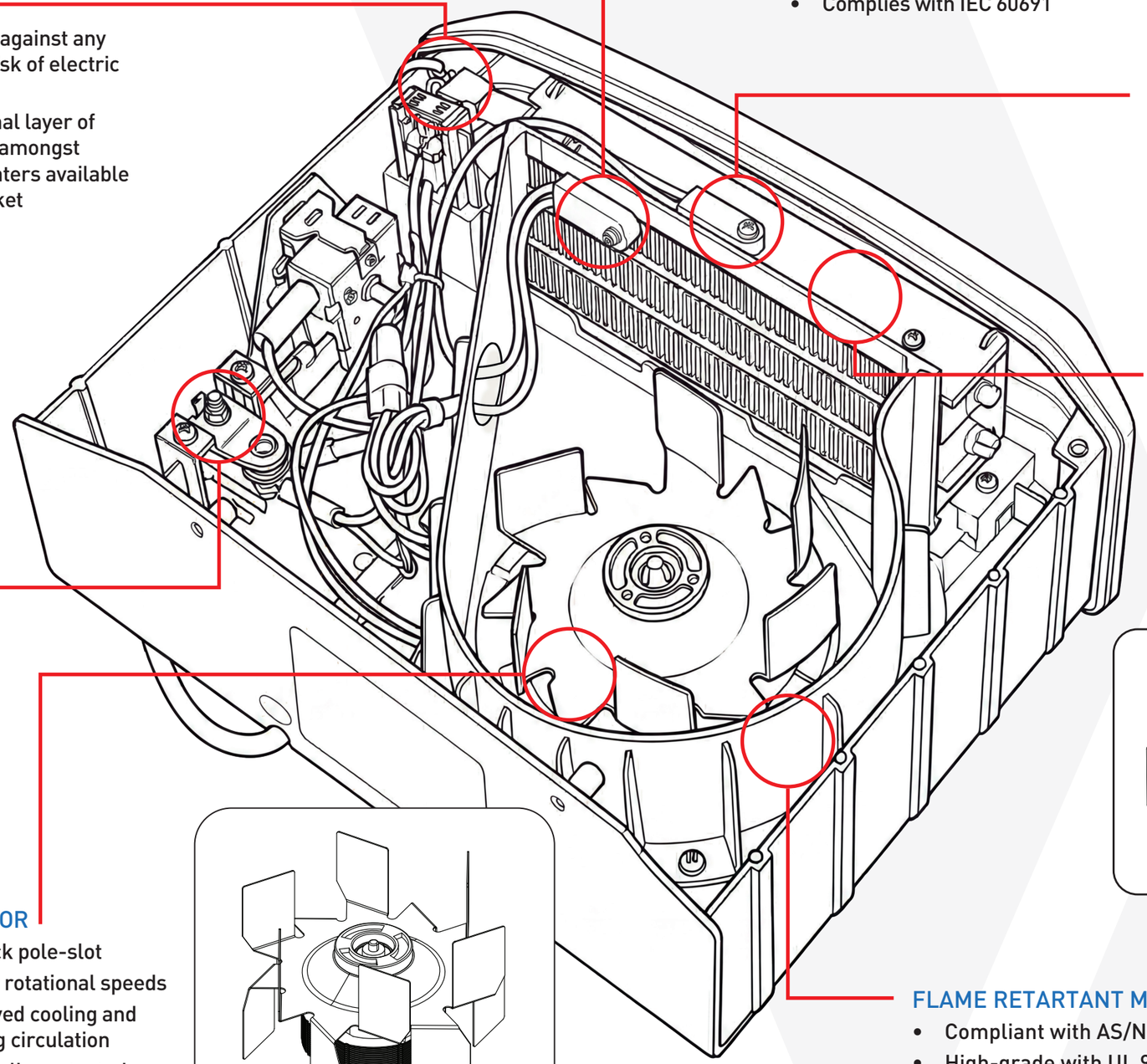
- Protection against any potential risk of electric shock
- An additional layer of protection amongst similar heaters available in the market



THERMOSTAT DETAILS

- Self-regulating temperature control
- Ensures that the bathroom is always at a comfortable temperature
- Reduced power consumption and heating requirement when activated than previous models

PREVIOUS	VHBC
1200W	800W



FRONT THERMAL FUSE

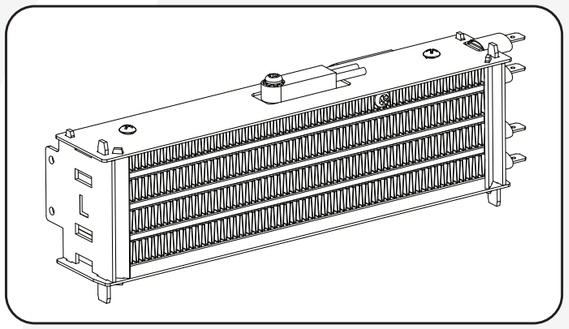
- Directly integrated into the heating element
- Overheating prevention
- Non-resettable
- Secondary temperature sensing limiter
- Complies with IEC 60691

TOP THERMAL FUSE

- Directly integrated into the heating element
- Overheating prevention
- Non-resettable
- Fast temperature sensing detection
- Complies with IEC 60691

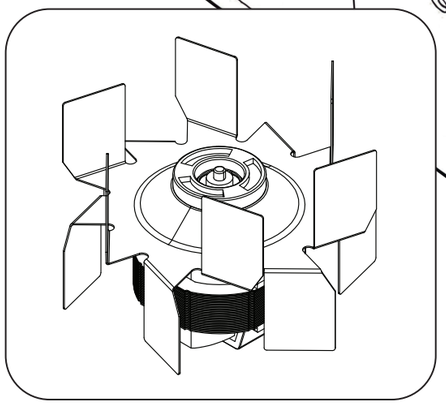
PTC HEATING ELEMENT

- Real- time self-regulating heat output
- Superior overheating prevention and safety
- Uninterrupted on/off cycling between heating periods
- Embedded ceramic chips to automatically spike in electrical resistance if it gets too hot



FAN MOTOR

- 16 stack pole-slot
- Higher rotational speeds
- Improved cooling and heating circulation
- Thermally protected motor



FLAME RETARTANT MATERIAL

- Compliant with AS/NZS 60335.2.30
- High-grade with UL 94 Classification
- Thoroughly tested under accelerated life and environmental conditions