



Model	PHP-4429	PHP-4429/2P
Voltage	230-240V, 50/60Hz	2 x400 V,N+P
Performance	3300 Watt	
Plate size	440mm x 290mm	
Temp. Range	20°C - 450°C	
Constant Temp.	±1 K	
Width and Depth	310mm x 475mm	
Height	205mm	
Weight	26kg	

Accessories:

S-3P	Cable with plug for temp.-fuse, time itch or contact-thermometer
TS-Series	Temperature-fuse (±5°C) 82-128-156-170-182-212-228-254°C

Details and structure of PHP-4429

The hot plate is constructed of solid, low-distortion GG15 casting. Cold housing, also in continuous operation. Material No. 1.4301, from rustproof high grade steel. Centre section is additionally sprayed in orange. Four adjustable feet for extra stability. Study construction, 150 kg max. hot plate load. Ready for connection with 1.5 m. cable.

PHP-4429 / PHP-4429/2P, Digital Precision Hotplate up to 450°C

Temperature Range: 20 - 450°C

PHP-4429 is a hot plate with automatic control for precise temperatures from 20 to 450°C. The required temperature is preset on the digital regulator and remains automatically constant, The actual temperature is continuously displayed with 13mm high numbers. The long-lasting electrical heating unit can be used in three heating stages - 825 - 1650 - 3300 Watt. Each stage can be finely tuned from 10 to 100% by an electronic output control to prevent overheating and any after- heating due to excessive power. The heating stages 825 and 3300 Watt, heat the total area of the plate. The special 1650 Watt stage heats only the right-hand section of the plate. Due to creeping heat, the temperature drops off from the right-hand section to the left-hand plate edge, by approx. 40% (temperature decline).

A low voltage 3-pole socket mounted on the right-hand side of the housing allows the following extras to be connected (however not conditional):

1. Time switch, for switching the heating unit on and off at preset times.
2. Contact Thermometer
3. Temperature fuse cut-out

As temperature fuses must have heat contact, a 4mm diameter hole has been bored on the edge of the right-hand plate for their insertion. The heating unit is automatically cut off from the mains supply after the fuse blows and the contact has switched to the off position. The fuse has to be renewed once it has blown.



Type	HOP-1717
voltage	230 - 240 V, 50-60 Hz
performance	1200 Watt
glass ceramic	175 mm x 175 mm
heating surface	145 mmØ
width and depth	200 mm x 310 mm
height	95 mm
Weight	2.8 kg

HOP-1717, High power, rapid, glass ceramic hotplate up to 500°C

The glass ceramic used for the heating surface is manufactured by the Schott company and is in use in millions of households. This glass ceramic is highly resistant to breakage and sudden changes of temp. (a temperature shock of over 700°C can be withstood without damage), it is also distortion and pore-free as well as being permeable to ultra-violet light and resistant against chemicals. Construction: The low-density, glass ceramic hot-plate, electrically heated centrally over an area of 145 mm dia., is mounted on a high-grade, stainless steel housing. The variable temperature control system is regulated by an energy regulator 10..100% for temperatures up to 500°C. The energy regulator is housed in a separate, heat resistant container. Thereby ensuring that the regulator is not influenced by excess heat during non-stop operation. A lighted control lamp shows when the hotplate is switched on. The appliance has a integrated temperature sensor to safeguard against overheating. The ready-to-connect hotplate is delivered complete with a 1.8 m mains cable.

