



hiton

heat your home, not the planet!



HP30/ 45/ 80/ 130/ 250 Universal oil air heaters

❖ pure heat ❖ cheap fuel ❖ high performance ❖ safety ❖ durability ❖ failure-free

❖ use:

HP series universal oil burners are suited for heating variety of buildings without central heating, such as workshops, service stations, commercial buildings, sport and recreation facilities, marquees, churches, warehouses, inventory buildings, basements and garages.

HP heaters may be powered, depending on the type of burner, with heating oil, used oils or gas. They constitute a group of stationary units which are suited to work both as direct blow heaters as in air distribution systems.

❖ characteristics:

1. Combustion chamber and heat exchanger made of stainless steel.
2. Possibility to mount outlet nose fitting hot air distribution system.
3. Equipped with centrifugal fans with cooling system ideal for hot summer.
4. Double wall powder coat casing.
5. Automatic GIERSCHE or INOV8 waste oil heater (optional)
6. Electronic flame control
7. Double fan thermostat with manual 'reset' function.
8. Possibility to mount thermostat regulating the heater (optional).

❖ recuperator:

In order to improve heating performance (output) of HITON burners we have developed innovative air and water recuperators. By installing a recuperator, performance of the heater increases by 7%.



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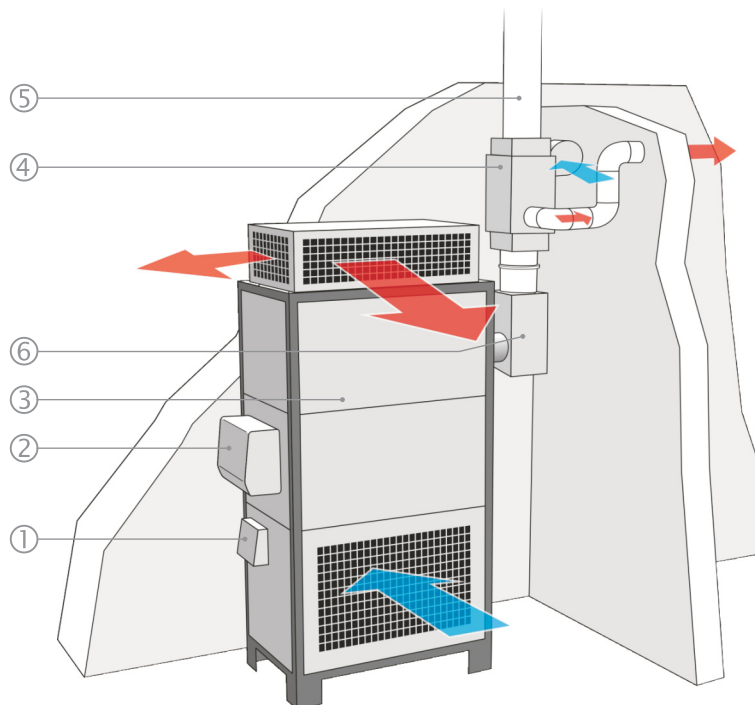


technical specifications:

type	HP30	HP45	HP80	HP130	HP250
electric power supply	400 V - 50 Hz				
heated air circulation	3400 m ³			7600 m ³	15200 m ³
fuel consumption	2,8 kg/h	4 kg/h	7,01 kg/h	11,8 kg/h	20,2 kg/h
fuel	Olej opałowy / gaz				
maximum heating performance	30 kW	45 kW	80 kW	130 kW	250 kW
efficiency	91 %				
temperature of combustion fumes	190°C	205°C	225°C	233°C	241°C
fan power intake	367 W			1700 W	3400 W
total power intake	390 W		520W	1850 W	3900 W
combustion pipe diameter	150 mm			200 mm	
fan activation temperature	35°C				
threshold safety temperature	90°C				
noise level at 1m	67,2 dB	71,2 dB	73,4 dB	75,1 dB	77,2 dB
measurements (width/depth/height)	51 x 88 x 175 cm	51 x 88 x 175 cm	54 x 90 x 190 cm	71 x 117 x 226 cm	100 x 140 x 280 cm
weight	125 kg	138 kg	170 kg	380 kg	550 kg

functioning:

1. control panel
2. burner
3. combustion chamber with exchanger
4. recuperator
5. flue
6. draught control



Our units comply with construction and exploitation requirements of PN-EN 13842:2007.
Heaters were subject to exploitation and construction tests in the Oil and Gas Institute in Cracow.

