

BRING FORTH SUSTAINABILITY

with ION HEAT model 131



NE-131 boiler for offices /buildings

- Suitable for house size of 1,198 m² .
- Maintain your offices comfortable year around.
- Save your energy bill to half by replacing gas boiler.
- Save your energy bill to 30% level by replacing electric boiler.
- Save your energy bill to 70% level by replacing heat –pump boiler.
- Save boiler room space by simple installation.
- Reduce installation cost for plumbing work.
- Good for underneath floor heating or space heating with further accessory system parts.

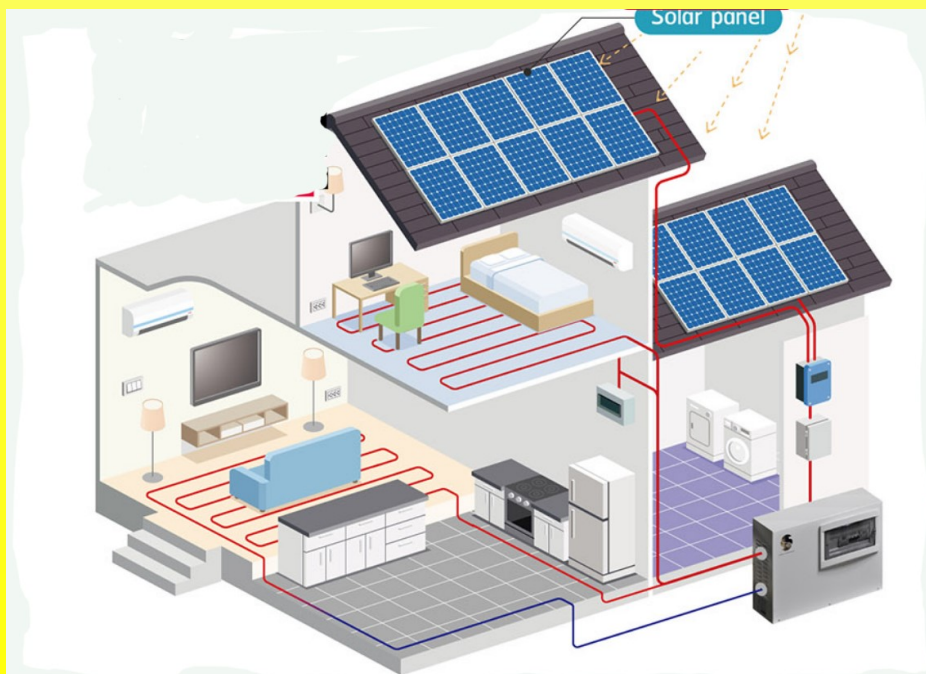
Item	Value	Item	Value
Heating Area	1,198 m ²	Max.Current (A)	125 Amp
Max. Power	65 kw/h	Rated Mains (V)	380 V 3P, 60HZ
Intermediatte Power	35 kw/h	Pipe Diameter(mm)	32
Minimal Power	0.1 kw/h	Dimension (mm)	1000 (L) x 500 (W)x 1000(H)
Annual Power Con- sumption	47,114 Kwh	Weight (kg)	80kg
		Noise / IP	15dB / X 3

Comparison of Consumer Devices

Item	Heat Pump	ION HEAT
Energy Efficiency Grade	A++	A+++
Heating Area (m ²)	100	100
Average Power for heating (kw/h)	5.12	2.40
Annual Power consumed (KWH)	5,026	4,349
Operational ambient temp limit	- 10°C	N/A
Annual carbon emission (ton)	5.43	N/A
Rated mains power (V)	230V 50HZ	220V 50/60HZ
Dimension (L x W xH) mm	1,165 x1,280 x612	400 x 280 x710
Weight (kg)	180 kgs	20 kgs
Noise (dB)	57 dB	15 dB

ION HEAT has more merits than HEAT PUMP.

A ION HEAT system consisting of PVT panels of 5~6KW, and battery storage capacity (25~26kwh) will make an Energy-Independent-Home (Nano-grid home)



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