



ELNUR

FAN ASSISTED STORAGE HEATERS

Exclusively Available For The
Energy Company Obligation Scheme.
High LTS & Yield!



Gabarrón
Manufacturing Excellence

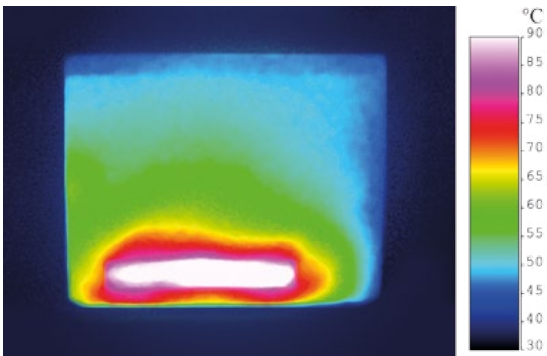
MAXIMUM EFFICIENCY IN HEAT STORAGE

Dynamic (fan assisted) storage heaters release the hot air using controlled convection with a silent fan that makes the air circulate inside the bricks, heating it and then releasing it into the room through the grille located at the bottom of the machine. This controlled convection allows the user to manage the temperature of the room and the heat release time.

The high level of efficiency of GABARRÓN storage heaters can be seen in the following thermography thermal image obtained as a part of some of the tests carried out on the products.

In this image we see the evolution of the surface temperature (the equivalence of these temperatures and the colours appear in the column on the right).

Due to their high quality insulation, GABARRÓN ranges store and adequately retain the heat inside them during the charging off peak period, before releasing it during the discharging period.



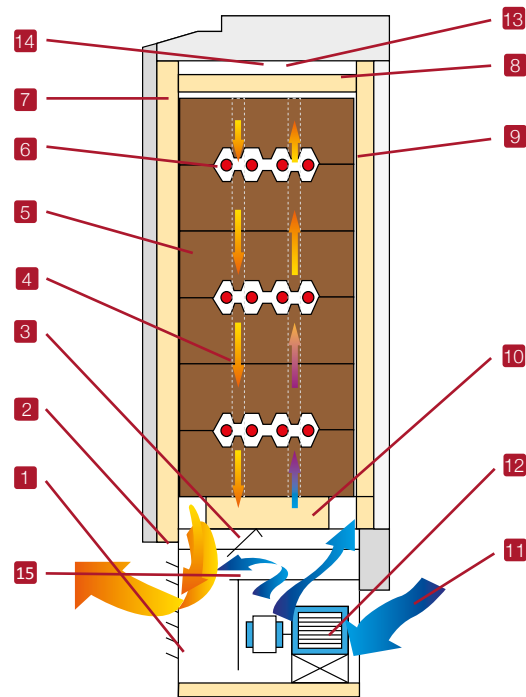
Fan Assisted Storage Heater
Thermography

This thermography shows how the heaters maintain a high degree of control over the energy inside them. This heat is released through the bottom grille, and at the same time the rest of the storage heater remains at a moderate temperature.

Engineering of the GABARRÓN ranges of storage heaters is totally safe and provide maximum efficiency in their operation. They use only the energy stored in off-peak periods. These ranges are manufactured with storage blocks considerably better than the market average and with an insulation technology that it is definitely the best in the industry. This is why ELNUR can guarantee excellent heating comfort 24 hours a day.

DYNAMIC STORAGE HEATER (Fan-assisted convection)

- 1 Floor insulation.
- 2 Hot air flow out grill.
- 3 Hot/cold air mixer. Includes a discharge security thermostat.
- 4 Air flow inside the heating core.
- 5 Accumulation core.
- 6 Heating elements.
- 7 Front insulation.
- 8 Upper insulation.
- 9 Rear insulation.
- 10 Lower insulation.
- 11 Cold air flow in.
- 12 Convection fan.
- 13 Control Thermostat bulb sensor.
- 14 Manual reset safety cut-off bulb sensor.
- 15 Discharge manual reset safety cut-off.





ADL

Dynamic Storage Heater

Designed to use the low cost off-peak electricity rates



Technical features

- ↪ Designed to use Off-Peak electricity.
- ↪ Efficient solution to obtain constant heat when is required during 24 hours a day.
- ↪ Low speed silent fan.
- ↪ Hot air/fresh air mixer with thermostat for a homogenous air output.
- ↪ Precise control over the released heat.
- ↪ Charging thermostat with sensor tube.
- ↪ Safety thermostat with manual reset.
- ↪ Class I insulation.
- ↪ Connection in one or three phases.
- ↪ Microtherm G 25 mm insulation.
- ↪ Vermiculite and ceramic fibre insulations.
- ↪ Front and side air chambers.
- ↪ Powder coated RAL 9010 steel structure.
- ↪ It works together with Ambient Thermostats TA3, TA4D, CPT10 and X2D, available as accessory.

Fan assisted storage heaters offer greater levels of insulation than standard storage heaters and have a larger internal air chamber which also houses a fan for operation. These heaters have an input control to regulate the charging capacity but, the output is regulated by an external control such as a room thermostat.

The fan assisted storage heater will emit a low amount of "background" heat naturally but, is designed to release the stored heat on demand by means of the external thermostat which activates the fan, to project the heat into the room quickly.

This type of heater provides a fantastic solution for users who want to dictate when the stored heat is released and desire a quick response in terms of projecting that stored heat into the room.

MODEL		ADL-2012	ADL-3018	ADL-4024	ADL-5030
Output 230 V / 240 V	W	2000 / 2178	3000 / 3267	4000 / 4355	5000 / 5444
Accumulated energy	kWh	16	24	32	40
Length	cm	63	81	99	117
Width*	cm	24	24	24	24
Height	cm	66	66	66	66
Total weight	kg	117	167	215	265
Number of Blocks 7.1kg		12	18	24	30
Frequency	Hz	50	50	50	50
EAN 13		8432336200458	8432336200465	8432336200472	8432336200489

*Plus 2cm space from the wall



ELNUR UK Limited

Unit 1, Brown Street North
Leigh, Lancashire
WN7 1BU
Tel.: 01942 670119
Fax: 01942 670462
info@elnur.co.uk

www.elnur.co.uk

Headquarters

ELNUR S.A.
MADRID (Spain)
info@elnur-global.com
www.elnur-global.com