

# Ecombi SSH



## Ecombi SSH Wi-Fi compatible storage heater.

- ✓ **Wireless control**
- ✓ **Links with Amazon Alexa\*\***
- ✓ **Daily and weekly programming**
- ✓ **Smart IEM Technology**
- ✓ **Thermostat accurate to  $\pm 0.1^{\circ}\text{C}$**
- ✓ **Single supply capable**



Ecombi SSH control panel



G-Control Hub



- + Charges the store overnight using low cost off-peak electricity.
- + Elnurs' exclusive "IEM" (Integral Energy Manager) automatically adjusts charging to suit climate and demand on a daily basis.
- + Three possible operating modes. With the Auto operating mode, maximum comfort and energy savings can be achieved with Ecombi SSH.
- + Fully programmable. Built-in weekly and daily programmer with three level temperature selector: Comfort, Eco and Frost-protection.
- + Internet controllable option. The G-Control System has been incorporated in the IEM electronics to allow wireless control and operation of the storage heater from anywhere and at any time via an internet connection.
- + Built-in balancing heating element to provide faster room warm-up times and supplement the stored heat as and when required.

- + Open window detection function to reduce energy waste.
- + Adaptive start control function to guarantee maximum comfort at the desired time.
- + Temperature accuracy to within  $0.1^{\circ}\text{C}$ , resulting in less energy wasted from temperature setting overshoot, than any other storage heater.
- + New LCD screen to show multiple information, including the current level of charge of the storage heater at any time.
- + Fully compliant with "SAP" specification criteria for "integrated storage and direct acting heater".
- + Perfect electric heating product for house builders, developers, social housing providers, private landlords and homeowners.

## Technical Features

- Digital Smart Storage Heater.
- IEM technology, the intelligent way to manage the charge and the discharge.
- Daily and weekly programming.
- Three levels of temperature: Comfort, Economy and Frost protection.
- Internet controllable. Wireless control and operation with the G-Control System.
- Open window detection for reduced energy waste.
- Adaptive start control.
- Proximity detection using G-Control location system.
- High quality insulation materials with low thermal conductivity.
- High quality insulation materials in all sides of the storage heater.
- Temperature sensor with calibration option.
- Overheating protection on storage heating function.
- Balancing heating element made of aluminium.
- Safety thermostat with manual reset.
- Class I insulation.
- Storage heating elements made of stainless steel.
- High density heat retention blocks.
- Front, side and rear air isolating chambers.
- Steel structure powder coated in epoxy RAL 9010.
- Robust thermoplastic fittings.
- Easy to install on any kind of wall.
- Intuitive LCD display with advance control options.
- Compatible with two-period off peak electric tariff in a single 24-hour interval.
- G-Control Hub switchboard is required for the wireless control and operation of the storage heater.
- New Amazon Alexa features compatible with G-Control System.

Model	ECOSSH158	ECOSSH208	ECOSSH308	ECOSSH408
Balancing element output*** 230 / 240 V- (W)	450 / 490	600 / 653	900 / 980	1200 / 1307
Storage heater input*** 230 / 240 V- (W)	975 / 1062	1300 / 1415	1950 / 2123	2600 / 2831
Charge period	7.6-7h	7.6-7h	7.6-7h	7.6-7h
Charging (7h) (kWh)	7.4	9.9	14.9	19.8
Length (cm)	55	66	89	111
Height (cm)	73	73	73	73
Width (cm)	18	18	18	18
Weight (kg)	59	77	112	147
No. of blocks (No.11016) 7.5kg	-	8	12	16
No. of blocks (No.11072) 11.5kg	4	-	-	-
EAN 13	8432336111167	8432336111181	8432336111204	8432336111228

\*Full warranty terms and conditions available at [www.elnur.co.uk](http://www.elnur.co.uk)

\*\*When paired with an Elnur G-Control Hub (sold separately)

\*\*\*Storage heater elements and balancing element will never operate at the same time.