Installation & Safety Instructions

This guide covers:

1. Links to the Q80 Series manuals
2. Essential safety instructions
3. General product information

1. Installation & Operation Manuals

The manuals for the Q80 Series heat pump can be downloaded to mobile phones using the QR codes below:

Q80 Series Installation & Commissioning

Genesis Commissioning Manual

Q80 Series Operation Manual

You can also download these at the Kensa Heat Pumps website:

- At kensaheatpumps.com/information/manuals/kensa-q-installation-commissioning-manual/
- At kensa.group/Genesis-Commissioning-Manual
- At kensaheatpumps.com/information/manuals/kensa-q-operating-manual/
- Or contact us (see manufacturer details)

These manuals must be referred to before the unit is installed.

Manufacturer details:

Kensa Heat Pumps
Mount Wellington Mine
Chacewater, Truro
Cornwall
TR4 8RJ
0345 222 4328
www.kensaheatpumps.com
info@kensaheatpumps.com

2. Safety Information

General installation and safety instructions for pipeline and plant construction, as well as the proper use of tools and safety equipment must also be complied with.

Safe operation of this unit can only be guaranteed if it is properly installed and commissioned in compliance with the manufacturer's requirements.

The product is designed and constructed to withstand the forces encountered during normal use. Use of the product for any other purpose, or failure to install the product in accordance with the Installation and Commissioning Instructions, could damage the product, will invalidate the warranty, and may cause injury or fatality to personnel.

2.1 Access and Egress
Ensure safe access and egress before attempting to work on the product. Arrange suitable lifting gear if required.

2.2 Lighting
Ensure adequate lighting, particularly where detailed or intricate work is required.

2.3 Tools and consumables
Before starting work ensure that you have suitable tools and / or consumables available.

2.4 Handling
Manual handling of large and /or heavy products may present a risk of injury. Lifting, pushing, pulling, carrying or supporting a load by bodily force can cause injury particularly to the back. You are advised to assess the risks taking into account the task, the individual, the load and the working environment and use the appropriate handling method depending on the circumstances of the work being done.

2.5 Residual hazards
Many products are not self-draining. Take due care when dismantling or removing the product from an installation.

2.6 Freezing
Provision must be made to protect products which are not self-draining against frost damage in environments where they may be exposed to temperatures below freezing point.

2.7 Disposal/Decommissioning
Kensa offer a life time decommissioning service for this product. This is available on a return to base basis (carriage at user's cost).

Disposal of any antifreeze water mix should follow the disposal instructions as laid out on the COSHH Safety Data Sheet available on request.

3. General Product Information

The Q80 Series Heat Pump is designed to provide a low cost renewable heat source for a building's heating system. In addition, and if required, the Kensa Q80 Series can also provide domestic hot water . Heat pumps can provide lower running costs and carbon emissions over traditional fossil fuels.

The Kensa Q80 Series Heat Pump is designed for straightforward installation. However, the installation must conform to all relevant construction and electrical codes

Any electrical work required to install or maintain this appliance should be carried out by a suitably qualified electrician in accordance with current IEE regulations.

3.1 Equipment delivery and handling

Factory shipment
Prior to shipment, the Kensa Q80 Series Heat Pump is tested, calibrated and inspected to ensure proper operation.

Receipt of shipment
- Each pallet should be inspected at the time of delivery for possible external damage.
- Any visible damage should be recorded immediately on the carrier's copy of the delivery slip.
- Each pallet should be unpacked carefully and its contents checked for damage.
- If it is found that some items have been damaged or are missing, notify Kensa immediately and provide full details.
- In addition, damage must be reported to the carrier with a request for their on-site inspection of the damaged item and its shipping pallet.
- The Q80 Series Heat Pump should be moved indoors immediately when received as the unit is not rated for external conditions and storage.

Storage
If a Kensa Heat Pump is to be stored prior to installation, the environmental storage conditions should be at a temperature between 0°C and 50°C (32°F and 122°F), and between 10% and 80% relative humidity (non-condensing). The Q80 Series Heat Pump should be moved indoors immediately when received as the unit is not rated for external conditions and storage.