

PRODUCT BULLETIN

greenteQ iQ Door Lock Range



greenteQ iQ Door Locks

The iQ Door Lock from greenteQ is a top quality residential door lock range for single and double doors.

Each lock features a reversible latch, a 25mm throw direct drive central deadbolt and 2 chamfered security hooks that lock out in opposing directions. The hooks and deadbolt all provide security and smooth compression.

iQ locks for doors with a 12mm cavity (typically PVCu, aluminium and rebated timber) also feature a roller cam outbound of each hook to provide additional initial compression.

All locking points locate into single piece profile related adjustable keeps* or, in the case of composite and flush timber doors, individual adjustable flat keep plates.

The gearbox features a double spindle arrangement set at 92/62mm centres, so iQ is suitable for both lever/lever and lever/pad operation via long backplate** handle sets, such as greenteQ Alpha and Coastline.

The 12mm cavity options have a 16mm faceplate. The 550 centre version can be cropped to accept vertical shootbolts for double doors and covers sash heights from 1685 (with reduced handle height) to 2200mm. The single door (650) variant cannot accept shootbolts. Both options have a 35mm backset. If possible, if the handle is set at 1020mm, the bottom of the lock does not need to be cropped.

The Composite Door version has 750mm centres between the hooks, with a 20mm radiused end non-crop faceplate and 45mm backset dimension.

All faceplates and keeps are silver passivated mild steel, achieving BS EN 1670 Grade 4 neutral salt spray testing.

Latch reversal is carried out from the front using a PH1 manual screwdriver.

iQ is ideal for consumers who are keen to integrate their doors into a smart home network, as all are supplied ready to work with the Kubu® Home Hub.

With Kubu® enabled locks, the user can quickly check on the locked status of their doors via an easy to use app. The app will tell the user at a glance if the door is locked or insecure. The user can set reminders, and get alerts whenever a door is opened or closed. They can also check on the open/close history of a door. Doors can be 'shared' with other people and Kubu® also works with devices such as Amazon Alexa or Google Nest to link to other smart systems around the home, such as lighting or cameras etc.

iQ locks can be used as a standard multipoint lock if desired. When the consumer decides to 'go smart', they simply need to purchase a Kubu® Home Hub kit and a sensor kit for each door, direct from Kubu® via www.kubu-home.com.

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iQ Door Lock Range

The sensor is simply slotted into place in the receiver pocket in the lock's faceplate. The user then downloads an app to connect their door to the Hub. The sensor works to determine the status of the locking points and this info is sent to the Hub, which in turn makes the information available via the app.

Setting up Kubu® is easy.

iQ has been tested to PAS24:2016 and has been cycle tested to 50,000 operations.

iQ is covered by the greenteQ 10 year functional guarantee and is rated as a Q-secure PREMIUM product.

Benefits at a glance:

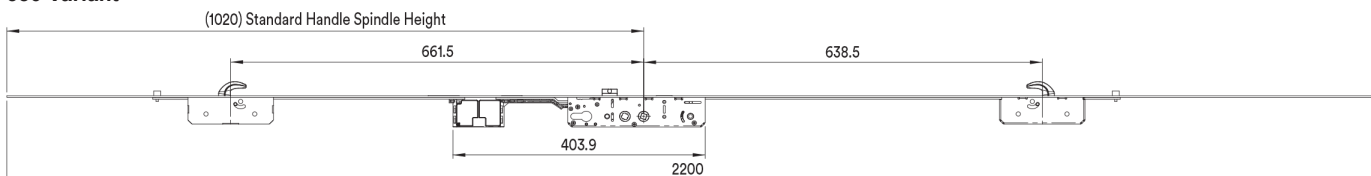
- Smart network enabled thanks to Kubu® connectivity
- Can be used as a standard lock
- Very smooth action and very secure thanks to robust deadbolt and hooks that are shaped to provide compression
- Tested to PAS24:2016
- Suitable for PVCu, aluminium, timber and composite doors
- Single and double door variants with lever/lever or lever/pad operation
- 550 variant allows the fitting of vertical shootbolts
- 240 hours salt spray test results
- Quick to fit
- 10 year greenteQ performance guarantee
- Q-secure PREMIUM product

VBH Order Codes

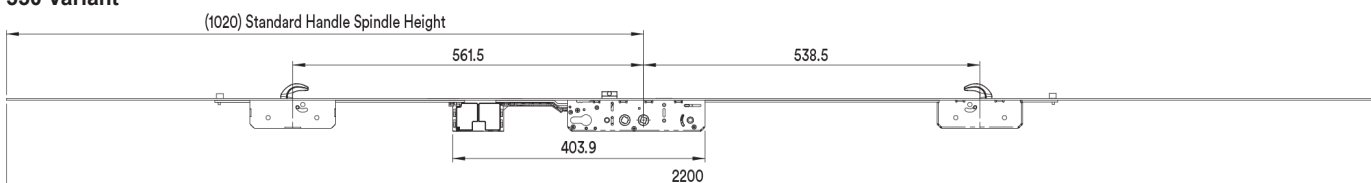
'PVCu' Variant (for 12mm Cavity Doors) - 35BS, 2 Hooks, 2 Cams, 16mm Faceplate, 92/62PZ

Description	650 Variant	550 Variant	Passive Sash Lock (No Locking Points)	Crate/Box Qty
Door Lock	3QDL3503	3QDL3502	-	300
Passive Sash Double Door Lock	N/A	-	3QDL3505	300
Standard Shootbolt (Each)	N/A	3QDL3521	3QDL3521	10
Low Threshold Shootbolt (Each)	N/A	3QDL3522**	3QDL3522***	80

650 Variant



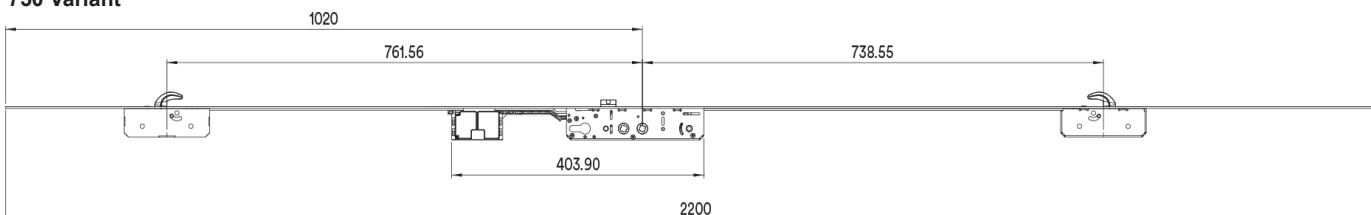
550 Variant



Composite/Flush Timber Variant - 45BS, 2 Hooks, 20mm Faceplate, 92/62PZ

Description	VBH Code	Box Qty
Door Lock	3QDL3516	210
Centre Keep LH	3QDL3681	100
Centre Keep RH	3QDL3682	100
Hook Keep	3QDL3683	100

750 Variant



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A little more about the Kubu® Hub...

Although VBH does not sell the Kubu® Hub, as iQ Works with Kubu®, this is a good place to list some more of its features.

- As mentioned earlier the Kubu® Hub links doors (and windows) to a smart home network, allowing the user to check on the security status of the home via a phone app. It can also be linked to other connected devices around the home via Alexa, Nest etc.
- As well as Kubu® enabled door locks, the greenteQ iQ range also includes security window espagnlette locks. The Kubu® Hub will allow the user to connect up to 20 casement sashes and 10 doors, offering peace of mind across the home.
- The Hub's range is around 25m, so it should be more than adequate for most homes. If necessary, a second Hub could be purchased.
- All Kubu® sensors are powered by standard cell batteries which will typically give a life of around 18months. They will alert via the app when they need to be replaced.
- Kubu® Hubs and accessories should be purchased direct from Kubu® via www.kubu-home.com.



*Please refer to the VBH Profile Related Items List for details of keeps to suit each system. Note that the handing of the keep is determined by the side that the hinges are fitted, viewed from inside, and assume an inward opening door. i.e. if the hinges are on the right VFI on an inward opening door, choose a RH keep. If the door is outward opening, select a LH keep.

**Top screw to spindle hole dimension at 75mm. Short backplate handles are not suitable.

***Additional Support blocks should be fitted to Low threshold PAS24 doors. See VBH Profile Related Items List for details.