

PRODUCT BULLETIN

greenteQ iQ Security Espagnolette Window Lock



greenteQ

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The iQ Security Window Lock from greenteQ is a top quality security window espagnolette for outward opening rebated and flush windows.

The lock features combination locking points that pair adjustable and floating mushroom headed cams to provide smooth operation and high levels of security.

The adjustable cam has +/-0.75mm compression adjustment, while the fixed cam provides additional anti-separation strength, spreading the load across the striker plate.

The lock is available in industry standard 20 and 22mm backsets, and with a choice of 7.7 and 9mm mushroom cams.

11 sizes, from 200mm to 1350mm, ensure that locking points are always close to the corners of the window, ensuring optimum security.

As all the fixings are applied from one direction, and it is a single piece item, iQ is quick to fit and can help reduce factory production times when compared with other types of locking mechanisms.

Striker plates provide a night vent position and are available to suit a wide range of profiles.

The handing of the striker plates on side hungs is taken from the handing of the hinge viewed from outside. i.e. if the hinge is on the right, fit RH keeps. On top hung vents, the handing is taken from the direction that the handle grip points to. For example, if the handle grip points to the left from the gearbox viewed from outside, fit LH keeps.

iQ is also available in an Easy Access version, where the handle height is set at 195mm from the bottom of the window sash for applications where a low handle is required, such as in lifetime homes compliance situations. Easy Access versions are available in 6 lengths starting at 550mm.

The iQ Security Espagnolette Window Lock is ideal for consumers who are keen to integrate their windows into a smart home network, as it is supplied ready to work with a Kubu® smart home hub. Please read further down the Product Bulletin for more information on the capabilities of windows connected to Kubu®.

Flush window manufacturers can benefit from the mechanical security features of the iQ Security Espagnolette, although these are not currently compatible with the Kubu® home hub. The flush window version is a handed product, due to the need to feature an offset cam plate to facilitate a night vent.

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All iQ Window Lock variants have been tested to PAS24:2016 and are cycle tested to 50,000 operations. iQ is built to last, with 240 hours neutral salt spray test performance according to BS EN 1670:2007

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

Benefits at a glance:

- Kubu® enabled Standard and Easy Access variants
- Version for Flush windows also available (no home hub link)
- The Kubu® enabled versions bring a host of benefits centred around enabling the user to monitor the locked status of their windows

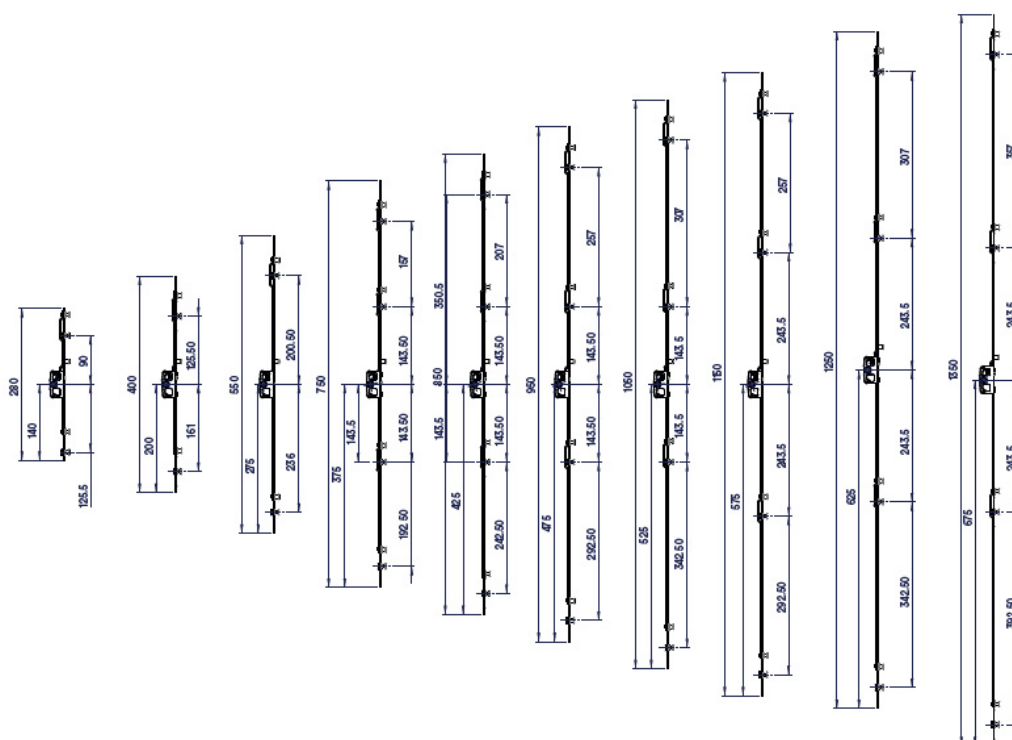
- Easy Access version has a set handle height of 195mm
- Tested to PAS24:2016
- Q-secure PREMIUM product
- Industry standard 20 and 22mm backsets with 7.7 and 9mm mushroom cams
- 240 hours salt spray test results
- Quick to fit
- 10 year greenteQ performance guarantee

VBH Order Codes

Standard Kubu® Ready Version

Length	20BS/7.7MB	20BS/9MB	22BS/7.7MB	22BS/9MB	Box Qty
200mm*	2QWE3741	2QWE3742	2QWE3743	2QWE3744	16
280mm	2QWE3701	2QWE3711	2QWE3721	2QWE3731	16
400mm	2QWE3702	2QWE3712	2QWE3722	2QWE3732	16
550mm	2QWE3703	2QWE3713	2QWE3723	2QWE3733	16
750mm	2QWE3704	2QWE3714	2QWE3724	2QWE3734	16
850mm	2QWE3705	2QWE3715	2QWE3725	2QWE3735	16
950mm	2QWE3706	2QWE3716	2QWE3726	2QWE3736	16
1050mm	2QWE3707	2QWE3717	2QWE3727	2QWE3737	16
1150mm	2QWE3708	2QWE3718	2QWE3728	2QWE3738	16
1250mm	2QWE3709	2QWE3719	2QWE3729	2QWE3739	16
1350mm	2QWE3710	2QWE3720	2QWE3730	2QWE3740	16

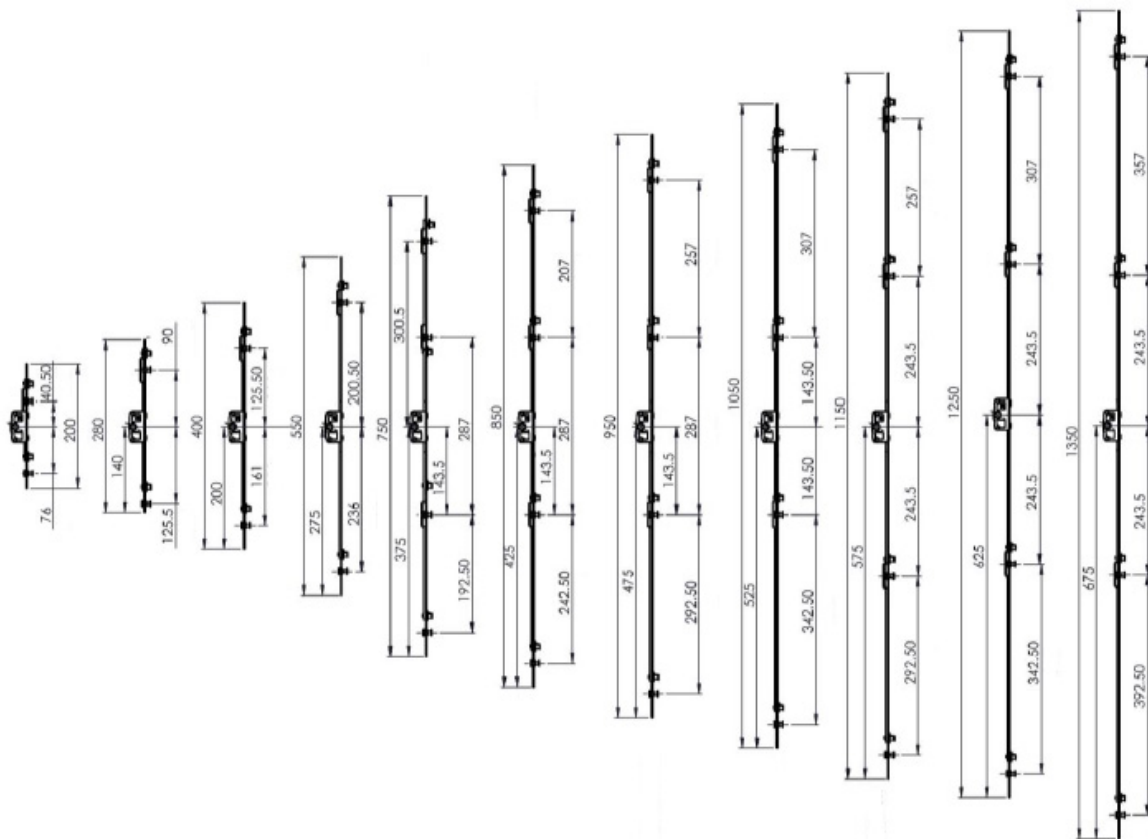
*Kubu® is not possible on size 200mm



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Flush Window Version (No home hub link) - Handed

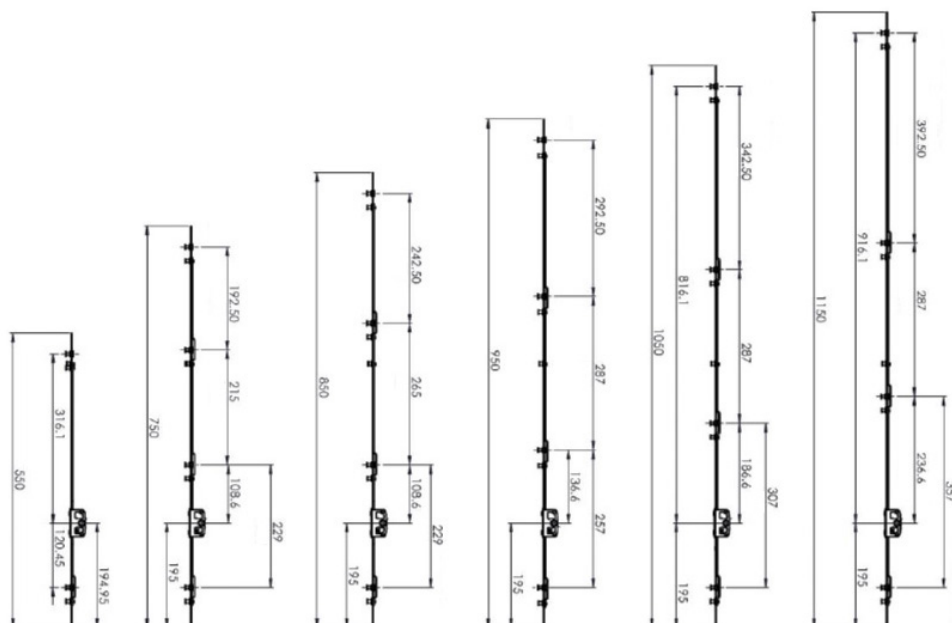
Length	20BS/7.7MB Left/Right	20BS/9MB Left/Right	22BS/7.7MB Left/Right	22BS/9MB Left/Right	Box Qty
280mm Left	2QWE3901	2QWE3921	2QWE3941	2QWE3961	16
280mm Right	2QWE3902	2QWE3922	2QWE3942	2QWE3962	16
400mm Left	2QWE3903	2QWE3923	2QWE3943	2QWE3963	16
400mm Right	2QWE3904	2QWE3924	2QWE3944	2QWE3964	16
550mm Left	2QWE3905	2QWE3925	2QWE3945	2QWE3965	16
550mm Right	2QWE3906	2QWE3926	2QWE3946	2QWE3966	16
750mm Left	2QWE3907	2QWE3927	2QWE3947	2QWE3967	16
750mm Right	2QWE3908	2QWE3928	2QWE3948	2QWE3968	16
850mm Left	2QWE3909	2QWE3929	2QWE3949	2QWE3969	16
850mm Right	2QWE3910	2QWE3930	2QWE3950	2QWE3970	16
950mm Left	2QWE3911	2QWE3931	2QWE3951	2QWE3971	16
950mm Right	2QWE3912	2QWE3932	2QWE3952	2QWE3972	16
1050mm Left	2QWE3913	2QWE3933	2QWE3953	2QWE3973	16
105mm Right	2QWE3914	2QWE3934	2QWE3954	2QWE3974	16
1150mm Left	2QWE3915	2QWE3935	2QWE3955	2QWE3975	16
1150mm Right	2QWE3916	2QWE3936	2QWE3956	2QWE3976	16
1250mm Left	2QWE3917	2QWE3937	2QWE3957	2QWE3977	16
1250mm Right	2QWE3918	2QWE3938	2QWE3958	2QWE3978	16
1350mm Left	2QWE3919	2QWE3939	2QWE3959	2QWE3979	16
1350mm Right	2QWE3920	2QWE3940	2QWE3960	2QWE3980	16



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Easy Access Kubu® Ready Version (195mm Handle Height)

Length	20BS/7.7MB	20BS/9MB	22BS/7.7MB	22BS/9MB	Box Qty
550mm	2QWE3803	2QWE3813	2QWE3823	2QWE3833	16
750mm	2QWE3804	2QWE3814	2QWE3824	2QWE3834	16
850mm	2QWE3805	2QWE3815	2QWE3825	2QWE3835	16
950mm	2QWE3806	2QWE3816	2QWE3826	2QWE3836	16
1050mm	2QWE3807	2QWE3817	2QWE3827	2QWE3837	16
1150mm	2QWE3808	2QWE3818	2QWE3828	2QWE3838	16



A little more about the Kubu® Hub...

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

Windows and doors fitted with iQ locks can be linked to a Kubu® Home Hub, but they do not have to be. It is entirely the choice of the homeowner. They can decide at any time to link, and setting up Kubu® monitoring is easy. All they need to do is buy a Kubu® hub and sensors from www.kubu-home.com, download the app, and then connect.

When the lock is linked to the hub, the user can quickly check on the locked status of their windows via an easy to use app. The app will tell the user at a glance if the cams are in the Secure, Partially Secure, Night Vent, or Open position. The user can set reminders to open or close windows, and get alerts whenever a window is operated. They can also check on the open/close history of a window. Kubu® also works with products such as Amazon Alexa or Google Nest to link to other items in a home network such as lighting or cameras.

iQ window locks are fitted with a magnet in the gearbox. When linked to Kubu®, this works with a sensor on the outer frame that monitors the position of the locking points within the striker plate. A fixed guide pin next to the gearbox ensures that the lock and striker plate are perfectly aligned, to ensure accurate readings.

Benefits of Kubu® connection at a glance:

- Kubu® links windows (and doors) 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 security window espagnolettes, the greenteQ iQ range also includes multipoint door 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 18 months. 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.

Note: The grey sensor depicted on the front of this Product Bulletin is supplied by Kubu®, and not by VBH. This should be ordered direct from www.kubu-home.com.