

GreenteQ Friction Stay Hinges

FFI is the exclusive North American distributor for VBH(GB) GreenteQ, offering quality and choice guaranteed, at sensible prices. GreenteQ window hardware includes espagnolettes, multipoint shootbolt locks, friction stays & more. More details at www.vbhgb.com/products.

GreenteQ Delta Friction Stay Hinges in Stainless Steel

Applications	Outswing casement & awning windows
Window Types	PVCu, aluminum, and wood
Sets	Supplied in pairs
Options	Side-hung for casement windows Top-hung for awning windows
Egress Options	Egress and egress/Easy-Clean with 85° opening
Sizes	8, 10, 12, 16, 20 and 24"
Sash rebate sizes	320-1220mm
Stack Heights	For 13-14mm and 16-17mm cavities
Materials	430 and 304 Grade stainless steel
Tested to	25,000 cycles according to BS6375-2 and BS13126-6, can pass PAS24 test if used with Delta Hinge Protectors in window corners
Warranty	10 years



430 Grade Standard Friction Stay Hinge Pairs

13-14mm Cavity	16-17mm Cavity	Size, Type TH: Top-Hung (awning) SH: Side-Hung (casement)	Sash Width	Sash Height	Sash Weight	Opening Angle
2QFH1001	2QFH1031	8" TH	< 1200mm	< 300mm	12kg	62°
2QFH1002	2QFH1032	10" TH	< 1200mm	< 450mm	16kg	90°
2QFH1003	2QFH1033	12" TH	< 1200mm	< 600mm	21kg	86°
2QFH1004	2QFH1034	16" TH	< 1200mm	< 750mm	22kg	83°
2QFH1005	2QFH1035	20" TH	< 1200mm	< 900mm	24kg	42°
2QFH1006	2QFH1036	24" TH	< 1200mm	< 1500mm	50kg	38°
2QFH1003	2QFH1033	12" SH	< 600mm	< 1200mm	24kg	86°
2QFH1004	2QFH1034	16" SH	< 700mm	< 1300mm	26kg	83°



430 Grade Restricted Friction Stay Hinge Pairs

13-14mm Cavity	16-17mm Cavity	Size, Type TH: Top-Hung (awning) SH: Side-Hung (casement)	Sash Width	Sash Height	Sash Weight	Opening Angle
2QFH1015	2QFH1045	12" TH	< 1200mm	< 600mm	20kg	11/59°
2QFH1016	2QFH1046	16" TH	< 1200mm	< 750mm	24kg	10/48°
2QFH1017	2QFH1047	20" TH	< 1200mm	< 900mm	24kg	8.5/45°
2QFH1018	2QFH1048	24" TH	< 1200mm	< 1500mm	50kg	7.6/45°
2QFH1021	2QFH1051	12" SH Left	< 650mm	< 1250mm	20kg	11/59°
2QFH1022	2QFH1052	12" SH Right	< 650mm	< 1250mm	20kg	11/59°
2QFH1023	2QFH1053	16" SH Left	< 700mm	< 1300mm	24kg	10/48°
2QFH1024	2QFH1054	16" SH Right	< 700mm	< 1300mm	24kg	10/48°



Delta Hinge Protectors - Use with hinges for extra security

Part #	Description
2QFH0061	For 13-14mm cavity, stainless steel
2QFH0062	For 17mm cavity, stainless steel



304 Grade Standard Friction Stay Hinge Pairs

13-14mm Cavity	16-17mm Cavity	Size, Type TH: Top-Hung (awning) SH: Side-Hung (casement)	Sash Width	Sash Height	Sash Weight	Opening Angle
2QFH1101	2QFH1131	8" TH	< 1200mm	< 300mm	12kg	62°
2QFH1102	2QFH1132	10" TH	< 1200mm	< 450mm	16kg	90°
2QFH1103	2QFH1133	12" TH	< 1200mm	< 600mm	21kg	86°
2QFH1104	2QFH1134	16" TH	< 1200mm	< 750mm	22kg	83°
2QFH1105	2QFH1135	20" TH	< 1200mm	< 900mm	24kg	42°
2QFH1106	2QFH1136	24" TH	< 1200mm	< 1500mm	50kg	38°
2QFH1103	2QFH1133	12" SH	< 600mm	< 1200mm	24kg	86°
2QFH1104	2QFH1134	16" SH	< 700mm	< 1300mm	26kg	83°

304 Grade Restricted Friction Stay Hinge Pairs

13-14mm Cavity	16-17mm Cavity	Size, Type TH: Top-Hung (awning) SH: Side-Hung (casement)	Sash Width	Sash Height	Sash Weight	Opening Angle
2QFH1115	2QFH1145	12" TH	< 1200mm	< 600mm	20kg	11/59°
2QFH1116	2QFH1146	16" TH	< 1200mm	< 750mm	24kg	10/48°
2QFH1117	2QFH1147	20" TH	< 1200mm	< 900mm	24kg	8.5/45°
2QFH1118	2QFH1148	24" TH	< 1200mm	< 1500mm	50kg	7.6/45°
2QFH1121	2QFH1151	12" SH Left	< 650mm	< 1250mm	20kg	11/59°
2QFH1122	2QFH1152	12" SH Right	< 650mm	< 1250mm	20kg	11/59°
2QFH1123	2QFH1153	16" SH Left	< 700mm	< 1300mm	24kg	10/48°
2QFH1124	2QFH1154	16" SH Right	< 700mm	< 1300mm	24kg	10/48°



Egress & Easy Cleaning Friction Stays

Cleaning function is enabled by pushing an easy-to-identify thumb-catch, so that the sash will slide open to provide 100-250mm clear opening for cleaning from the inside. When the window is closed after cleaning, the operation automatically reverts to full egress mode upon the next opening. Observe BS8213 Part1:1991 'Code of practice for safety in use and during cleaning of windows' when fitting Easy Clean Hinges.

430 Grade Egress & Easy Clean Friction Stay Pairs

13-14mm Cavity	16-17mm Cavity	Description	Sash Width	Sash Height	Sash Weight	Opening Angle
2QFH1009	2QFH1039	10" Egress	< 600mm	< 1200mm	18kg	80°
2QFH1010	2QFH1040	16" Egress	< 600mm	< 1200mm	21kg	84°
2QFH1011	2QFH1041	12" Egress / Easy Clean	< 600mm	< 1200mm	18kg (21kg with run up block)	85°
2QFH1012	2QFH1042	16" Egress / Easy Clean	< 600mm	< 1200mm	18kg (21kg with run up block)	85°



304 Grade Egress & Easy Clean Friction Stay Pairs

13-14mm Cavity	16-17mm Cavity	Description	Sash Width	Sash Height	Sash Weight	Opening Angle
2QFH1111	2QFH1141	10" Egress / Easy Clean	< 600mm	< 1200mm	18kg (21kg with run up block)	85°
2QFH1112	2QFH1142	16" Egress / Easy Clean	< 600mm	< 1200mm	21kg	85°



For details contact FFI, and see FFI catalog at www.Fenestration.net



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