



A comprehensive range
of window blind systems
designed with unique
technical features and to
the exacting specifications
that active commercial
environments demand.



YewdaleDefiant® the blind systems range

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All YewdaleDefiant® blinds are carefully built to exacting standards, giving years of trouble free service. The superior design features and quality components enable them to be confidently specified for the most demanding environments.





YewdaleDefiant® Roller Blinds

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Many YewdaleDefiant® blinds feature vandal-resistant controls and mechanisms, and are frequently to be seen in hospitals, schools, colleges and other public buildings, as well as the regular commercial and residential applications.

The YewdaleDefiant® roller blind programme is one of the most comprehensive available, ranging from miniature spring rollers for door vision panels to heavy-duty electric blinds for large glazed areas.

The YewdaleDefiant® fabrics programme encompasses a vast range of fabrics, all of which are flame-retardant to government standards. Fabric types include dim-out, black-out, solar reflective, sun-screen and solar film.

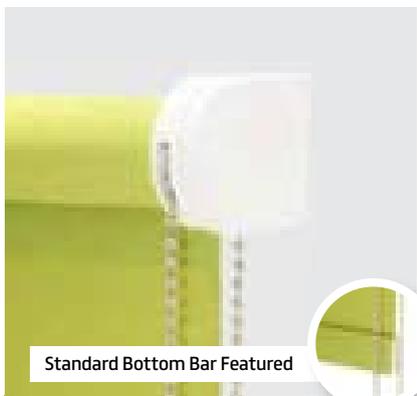
YewdaleDefiant® blinds are available in fully made to measure form completely ready for installing, or in a comprehensive individual component form - for ease of use within any in-house manufacturing facility. The full range is distributed globally through a network of partners providing an unrivalled level of support, and with experienced installation and service teams to exceed your expectations.

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this roller blind range comes with a Full Lifetime Warranty as standard.

BIM model available



Standard Bottom Bar Featured

R20 Sidewinder

Features:

The YewdaleDefiant® R20 sidewinder roller blind incorporating Slipstream® Technology (patent pending) has metal control chain as standard. White metal universal brackets with plastic covers for face, top or side fixing with 32, 40 or 45mm grooved aluminium barrel, depending on blind size and fabric weight. Fabric is locked into groove in barrel, and features white plastic bottom bar as standard. Bottom bar is fabric covered at front.

Benefits:

Strength and simplicity make the R20 the first choice for a vast range of applications. The choice of barrel size means that the blind is always ideally matched to window size for optimum performance. Vandal resistant features includes Slipstream®: a friction reducing technology - smooth action operation, air cooled design and double spring function - providing you with enhanced hold, exceptional long life properties and advanced chain loading. Metal control chain, fabric locked into barrel and bottom bar, and sturdy, attractive metal brackets with covers.

Approved to work with the YewdaleKestrel® Anti-Ligature system.

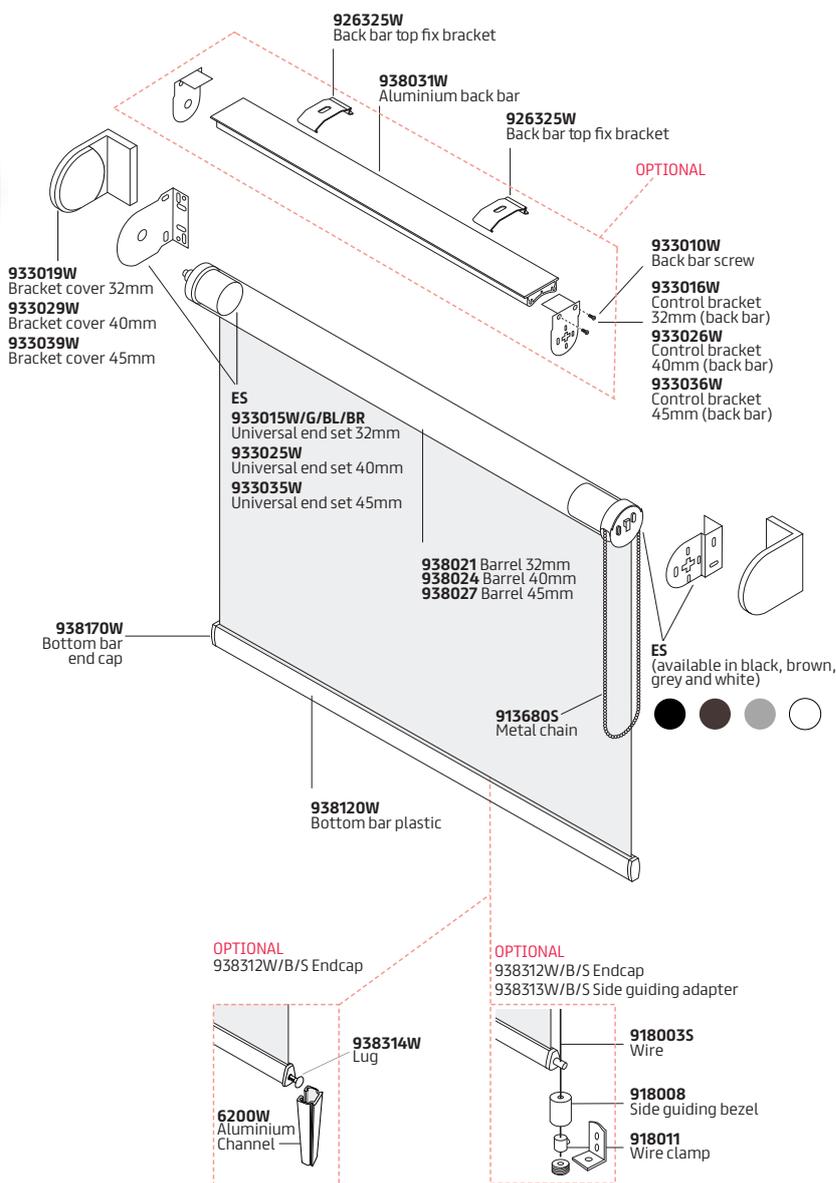
Options:

32mm Slipstream® mechanisms in black, silver or brown; Extension brackets and bracket covers; Plastic control chain; Alternative bottom bars including fully fabric covered in aluminium or plastic, and Tear Drop aluminium in black, silver or white; Wire side-guiding system; White aluminium back bar; Channel side-guiding system; Fascia.

Specification:

The YewdaleDefiant® R20 sidewinder roller blind incorporating Slipstream® Technology for enhanced hold, advanced loading and exceptional long life properties as manufactured by Yewdale, +44 (0)1268 570900. Flame retardant fabric from the YewdaleDefiant® range, locked into grooved 32/40/45mm aluminium barrel along with white plastic bottom bar. Slipstream® Technology sidewinder control with metal control chain and white plastic bracket covers.

Please refer to NBS Plus N10 240.



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YewdaleDefiant® Roller Blinds

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Standard Bottom Bar Featured

R20B Low Voltage Battery 7.4v DC

Features:

The YewdaleDefiant® R20B electric roller blind with low voltage battery motor as standard. White metal brackets with plastic covers, for face or top fixing, on 40mm grooved aluminium barrel, housing a 7.4v DC motor with electronic limit stops and a slow stop start feature. The motor is controlled by a remote switch (not supplied) and is charged by the means of a charger or solar panel. Fabric is locked into groove in barrel, and features white plastic bottom bar as standard. Bottom bar is fabric covered at front.

Benefits:

A slim, reasonably priced blind with true fingertip control makes the R20B a perfect choice for motorised requirements including home automation. It's quiet and reliable motor housing a receiver, simple radio control options operate the blind effortlessly. Housed within the barrel and supported by sturdy, metal brackets with attractive, slim plastic covers the motor is simply charged either by a charger or a solar panel making this one of the most eco-friendly blinds available. The fabric is locked into barrel and bottom bar and will give years of trouble-free use.

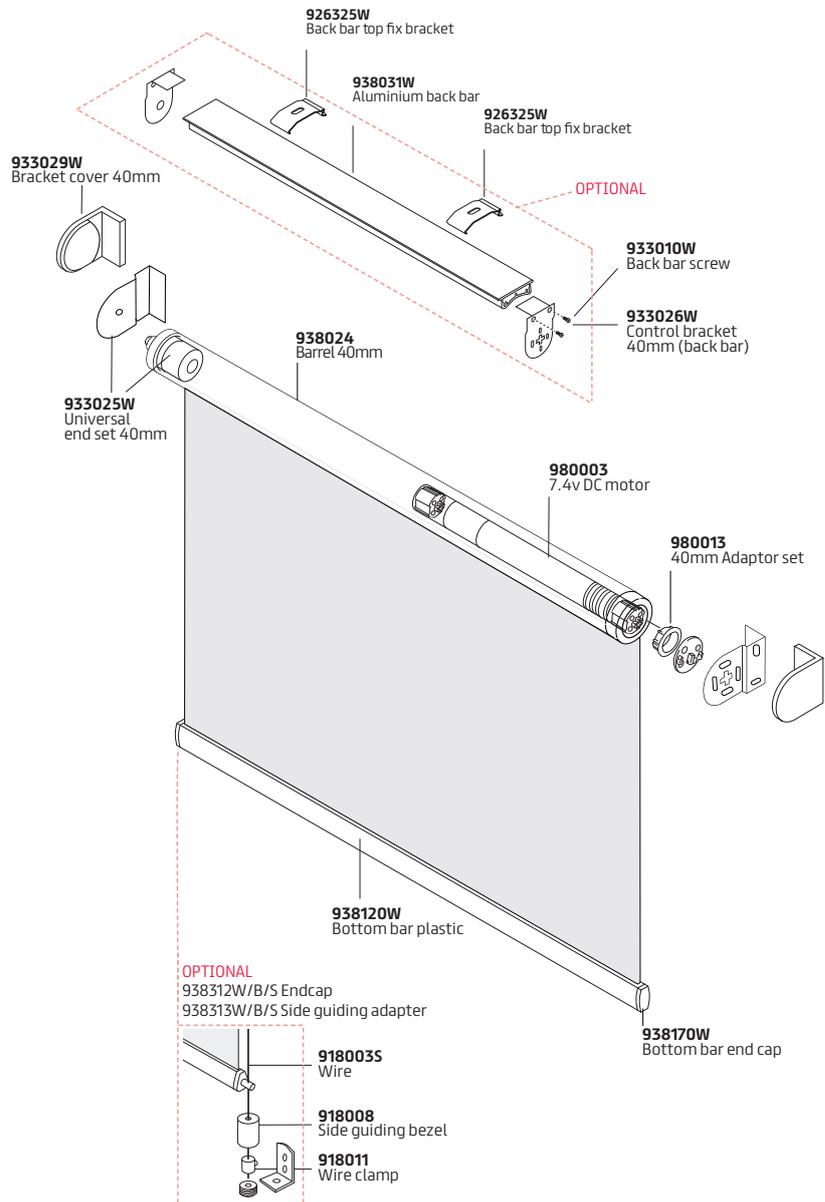
Options:

Fully fabric covered bottom bar; Alternative bottom bars, including fabric covered aluminium, and Tear Drop aluminium in black, silver or white. Group control systems; Wire side-guiding system; White aluminium back bar; Fascia.

Specification:

YewdaleDefiant® R20B low voltage electric roller blind with low voltage battery 7.4v DC motor as manufactured by Yewdale, +44 (0)1268 570900. Slim motor and spring end is housed within aluminium barrel supported by metal brackets with white plastic covers. Flame retardant fabric from the YewdaleDefiant® range, locked into grooved 40mm aluminium barrel along with white plastic bottom bar.

Please refer to NBS Plus N10 240.



BIM model available



Standard Bottom Bar Featured

R20C Crank

Features:

The YewdaleDefiant® R20C crank control roller blind features a 45mm grooved aluminium barrel and white metal universal brackets for face or top fixing. Ultra slim bracket covers as standard. A robust 1:5 crank mechanism ensures smooth blind control, and incorporates a magnetic detachable crank handle. Fabric is locked into groove in barrel, and features white Tear Drop aluminium bottom bar as standard.

Benefits:

Durability and simplicity make the R20C a good choice for a vast range of applications. The magnetic detachable crank ensures the blind is vandal resistant and safe for areas where cords are a threat. Fabric locked into the barrel and bottom bar and supported by sturdy, attractive metal brackets.

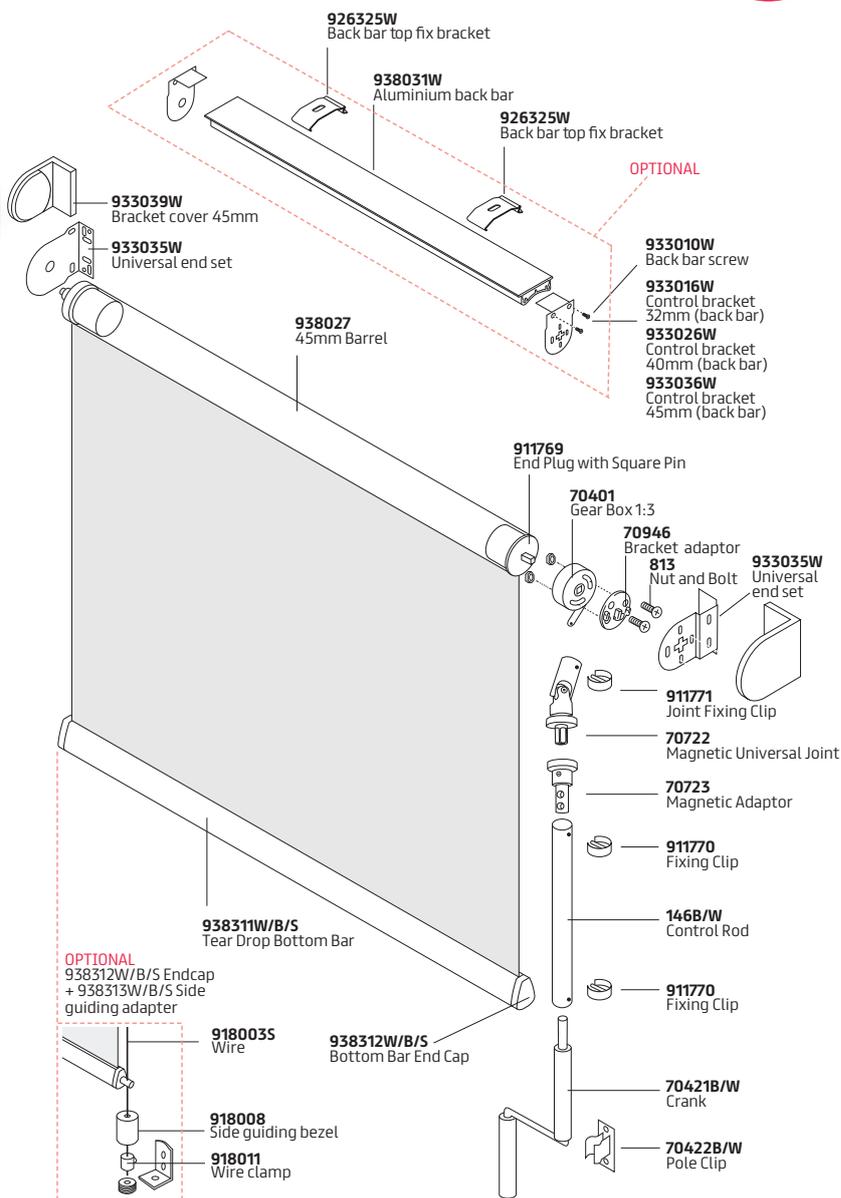
Approved to work with the YewdaleKestrel® Anti-Ligature system.

Options:

Alternative bottom bars including fully fabric covered in aluminium or plastic, and aluminium Tear Drop in black or silver; Wire side-guiding system; White aluminium back bar; Fixed crank handle; Fascia.

Specification:

The YewdaleDefiant® R20C crank control roller blind with magnetic detachable crank handle as manufactured by Yewdale, +44 (0)1268 570900. Robust vandal resistant 1:5 crank mechanism and pin end supported by white metal brackets. White metal brackets and covers. Flame retardant fabric from the YewdaleDefiant® range, locked into grooved 45mm aluminium barrel along with white Tear Drop aluminium bottom bar.



YewdaleDefiant® Roller Blinds

YewdaleDefiant® Roller Blinds



Standard Bottom Bar Featured

R20M Low Voltage Electric 24v DC

Features:

The YewdaleDefiant® R20M electric roller blind with low voltage motor as standard. White metal brackets with plastic covers, for face or top fixing, on 40mm grooved aluminium barrel, housing a 24v DC motor with electronic limit stops and a slow start feature. The motor takes a 230v AC supply and is controlled by a remote switch (not supplied as standard). Fabric is locked into groove in barrel, and features white plastic bottom bar as standard. Bottom bar is fabric covered at front.

Benefits:

A slim, reasonably priced blind with true fingertip control makes the R20M a perfect choice for motorised requirements including home automation. It's quiet and reliable motor housing a receiver and an inbuilt transformer enables a 230v feed to be used, it is controlled by simple remote switches. Housed within the barrel and supported by sturdy, metal brackets with attractive, slim plastic covers. The fabric is locked into barrel and bottom bar and will give years of trouble-free use.

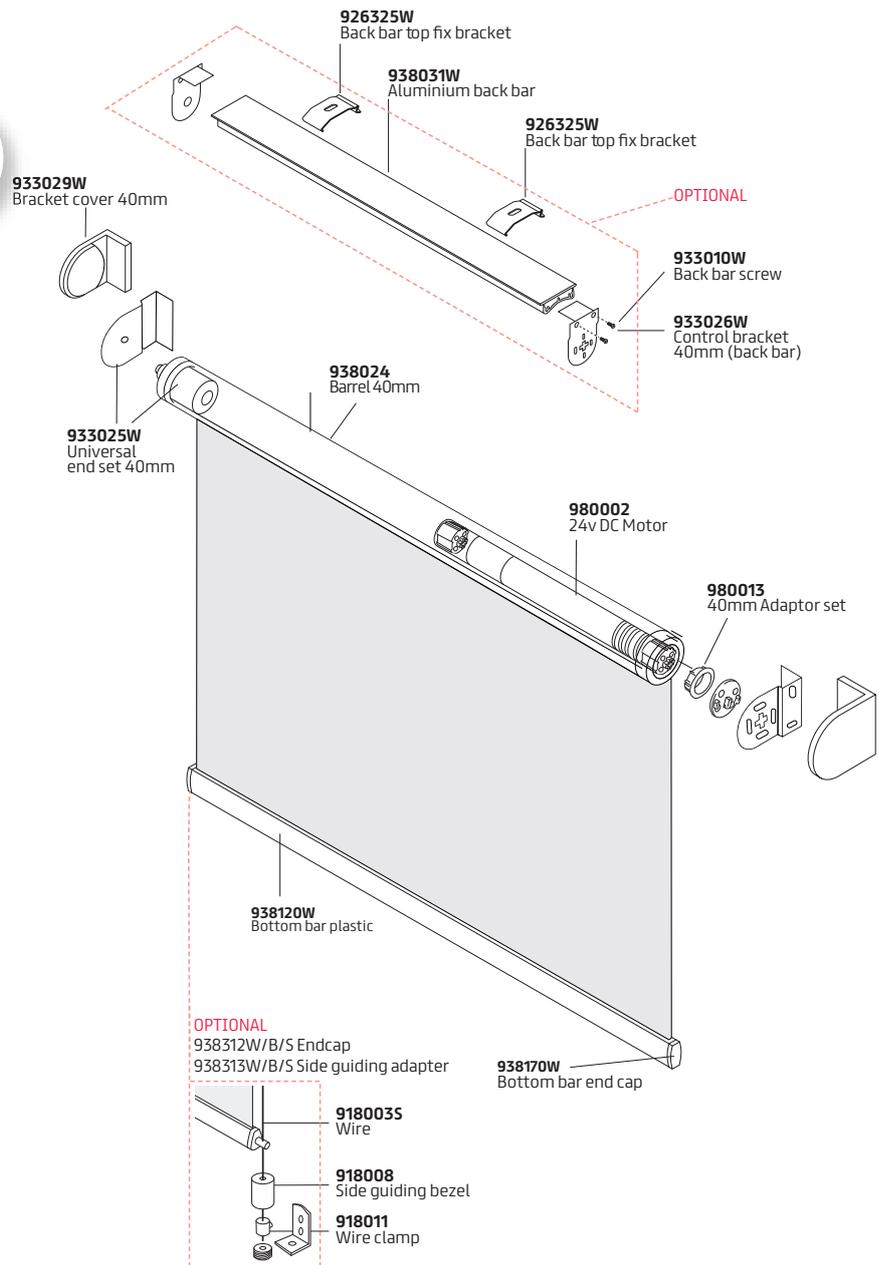
Options:

Fully fabric covered bottom bar; Alternative bottom bars, including fabric covered aluminium, and Tear Drop aluminium in black, silver or white. Group control systems; Wire side-guiding system; White aluminium back bar; Fascia.

Specification:

YewdaleDefiant® R20M low voltage electric roller blind with low voltage 24v DC motor as manufactured by Yewdale, +44 (0)1268 570900. Slim motor and spring end is housed within aluminium barrel supported by white metal brackets. Flame retardant fabric from the YewdaleDefiant® range, locked into grooved 40/45mm aluminium barrel along with white plastic bottom bar.

Please refer to NBS Plus N10 240.



BIM model available



Standard Bottom Bar Featured

R20S Braked Spring

Features:

The YewdaleDefiant® R20S braked spring roller blind with braked spring ensures smooth and quiet operation. White metal universal brackets for face or top fixing with 32mm grooved aluminium barrel. Fabric is locked into groove in barrel, and features white Tear Drop aluminium bottom bar with cord pull as standard.

Benefits:

Smooth and quiet operation makes the R20S an excellent choice for a vast range of applications. Where there is a need for child safety the R20S braked spring is the answer with the ease of use and the lack of cords, this provides the ultimate solution. The braked spring is enclosed within the barrel supported by sturdy, attractive metal brackets. Fabric is locked into barrel and bottom bar maintaining exceptional edge to edge coverage for even better shading properties.

Approved to work with the YewdaleKestrel® Anti-Ligature system.

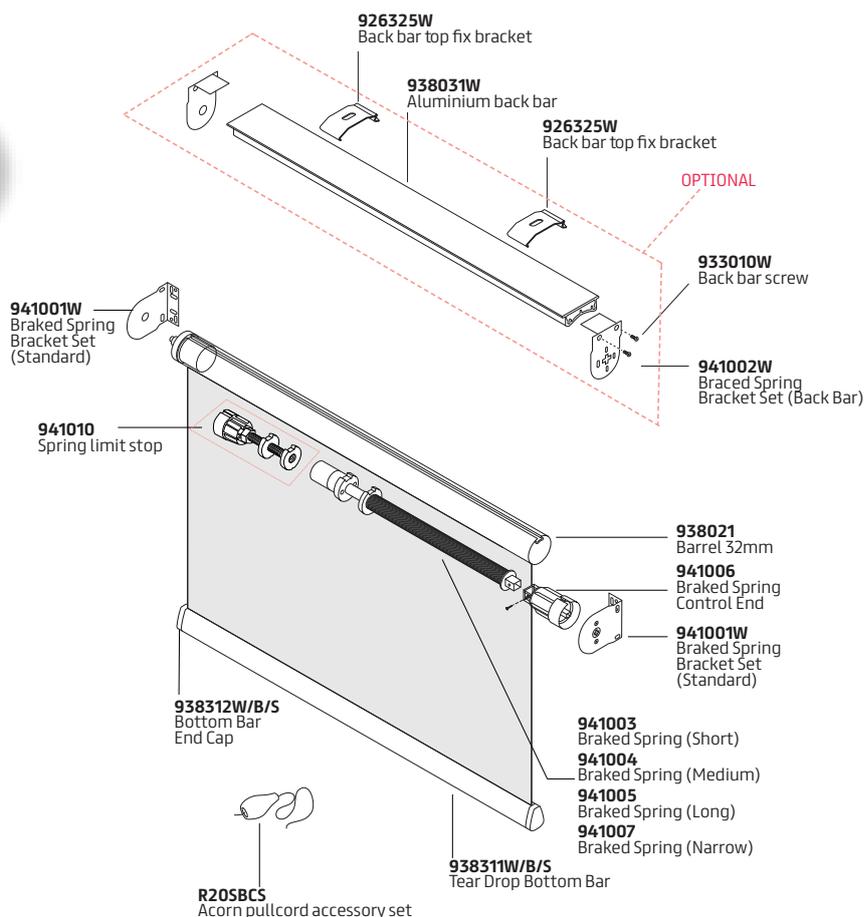
Options:

Spring limit stop; Alternative bottom bars, including fully fabric covered, in aluminium or plastic, and aluminium Tear Drop in black or silver; White aluminium back bar; Fascia.

Specification:

The YewdaleDefiant® R20S braked spring control roller blind with vandal resistant, child friendly braked spring as manufactured by Yewdale, +44 (0)1268 570900. Braked spring and spring end is housed within aluminium barrel supported by white metal brackets. Flame retardant fabric from the YewdaleDefiant® range, locked into grooved 32mm aluminium barrel along with white Tear Drop aluminium bottom bar.

Please refer to NBS Plus N10 240.



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YewdaleDefiant® Roller Blinds

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R20W Light Duty Crank

Features:

The YewdaleDefiant® R20W plastic crank controlled roller blind features a 40mm grooved aluminium barrel and white metal universal brackets for face or top fixing. The robust plastic wind mechanism ensures a very smooth blind control, operated by a detachable handle. Fabric is locked into groove in barrel, and features white plastic bottom bar as standard.

Benefits:

Durability and simplicity make the R20W a good choice for a vast range of applications. The detachable handle ensures the blind is vandal resistant and safe for areas where cords are a threat; the fabric locked into the barrel and bottom bar, supported by sturdy metal brackets with cover; and the mechanism is encased within a plastic housing.

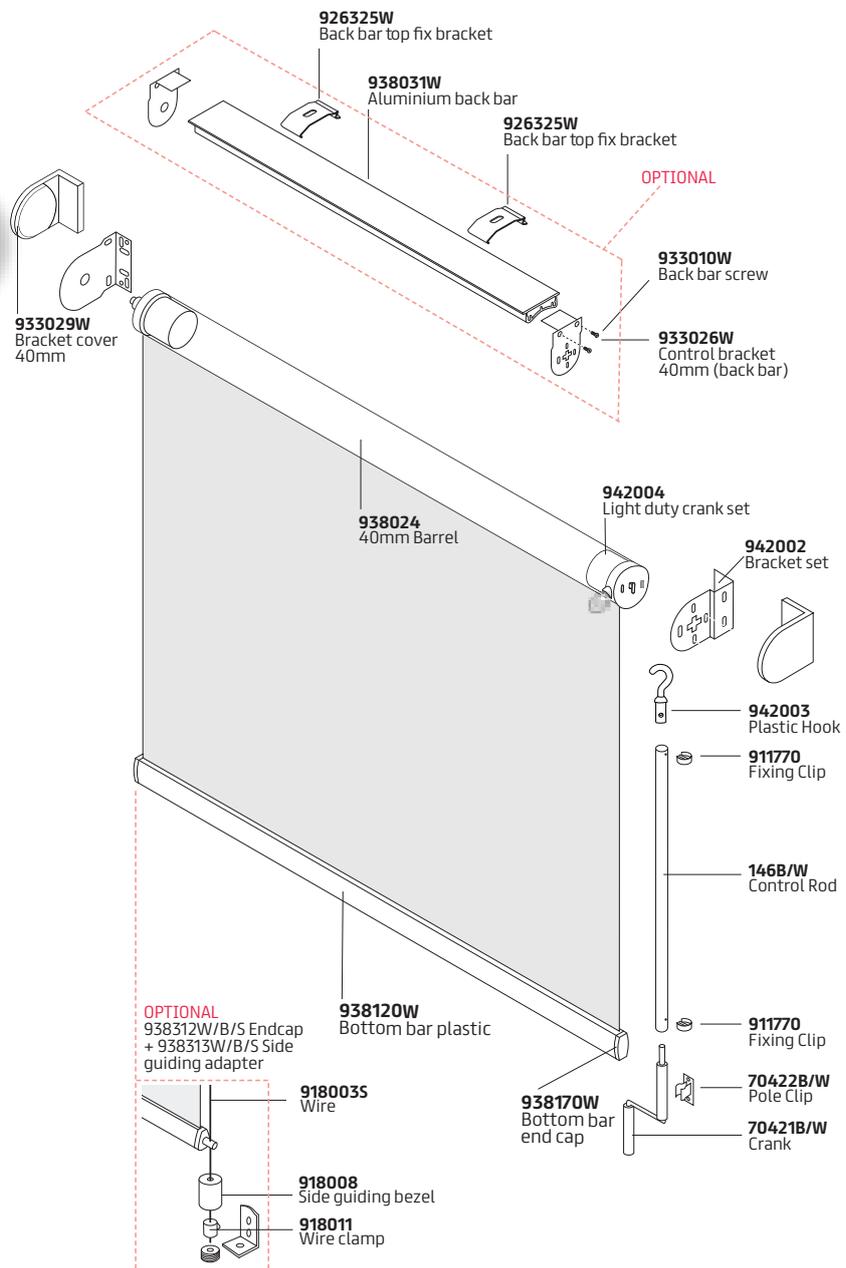
Options:

Alternative bottom bars including fully fabric covered in aluminium or plastic, and aluminium Tear Drop in black or silver; Wire side-guiding system; White aluminium back bar; Fascia.

Specification:

The YewdaleDefiant® R20W plastic crank controlled roller blind with detachable handle as manufactured by Yewdale, +44 (0)1268 570900. Robust plastic wind mechanism and pin end enclosed within a plastic housing and supported by white metal brackets with covers. Flame retardant fabric from the YewdaleDefiant® range, locked into grooved 40mm aluminium barrel along with plastic bottom bar.

Please refer to NBS Plus N10 240.





R26 Overhead Coded

Features:

The YewdaleDefiant® R26 overhead corded roller blind with pull-cord and pulleys as standard. White plastic brackets for face or top fixing with 25mm aluminium barrel or white metal brackets for 57mm aluminium barrel, and strong, constant tension spring mechanism. Fabric is bonded onto barrel, and features white Tear Drop aluminium bottom bar. Pull-cord with cleat, and pulleys for single or double-corded operation.

Benefits:

Ideal for relatively inaccessible locations, the R26 utilises tried and tested spring components and simple manual operation. Subject to size limitations it is able to cope with sloping or even horizontal roof windows. The fabric is bonded to barrel and locked into bottom bar, and supported by sturdy attractive brackets.

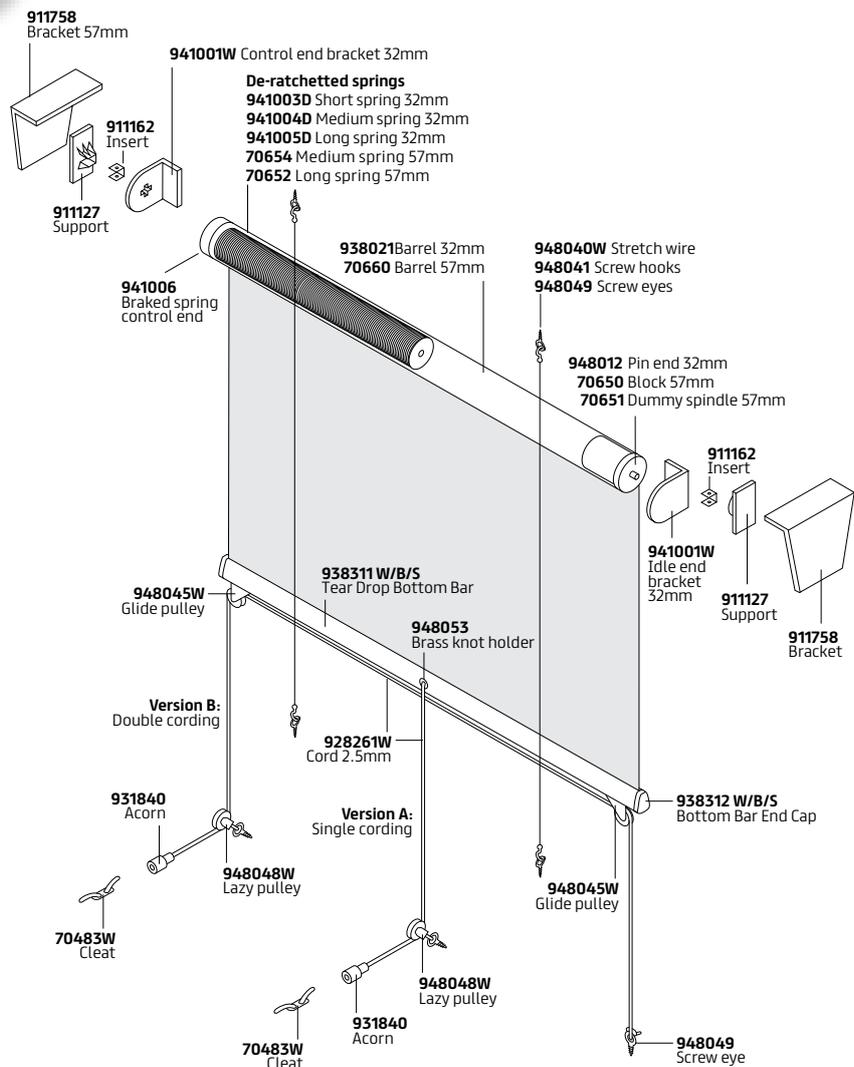
Options:

Tear Drop aluminium bottom bar in black or silver.

Specification:

YewdaleDefiant® R26 overhead corded roller blind with constant tension spring mechanism as manufactured by Yewdale, +44 (0)1268 570900. Complete with pull-cord, cleat and pulleys for overhead operation, supported by sturdy white brackets. Flame retardant fabric from the YewdaleDefiant® range, on aluminium barrel with spring operation for single or double-handed use. Complete with pull-cord, cleat and pulleys for overhead operation.

Please refer to NBS Plus N10 240.



YewdaleDefiant® Roller Blinds

YewdaleDefiant® Roller Blinds



Standard Bottom Bar Featured

R40 Premium Sidewinder

Features:

The YewdaleDefiant® R40 heavy duty roller blind with premium sidewinder mechanism as standard. White plastic brackets for face or top fixing with 36mm grooved aluminium barrel or white metal brackets with 53 or 70mm grooved aluminium barrel, depending on blind size and fabric weight. Superior quality 1:4 geared sidewinder mechanisms for heavy duty operation, with metal control chain. Fabric is locked into groove in barrel, and features white Tear Drop aluminium bottom bar as standard.

Benefits:

The R40 opens up a whole range of premium quality sidewinder controlled blinds. The control mechanisms are meticulously designed for a long and trouble-free life, and the wide choice of barrel sizes, ranging from the attractively slim 36mm to the extremely rigid 70mm, means that there is a superbly engineered sidewinder blind for almost every application. Fabric is located in the groove in such a way that, although it cannot be pulled out, it may be slid out sideways for easy repair or replacement of blind cover.

Options:

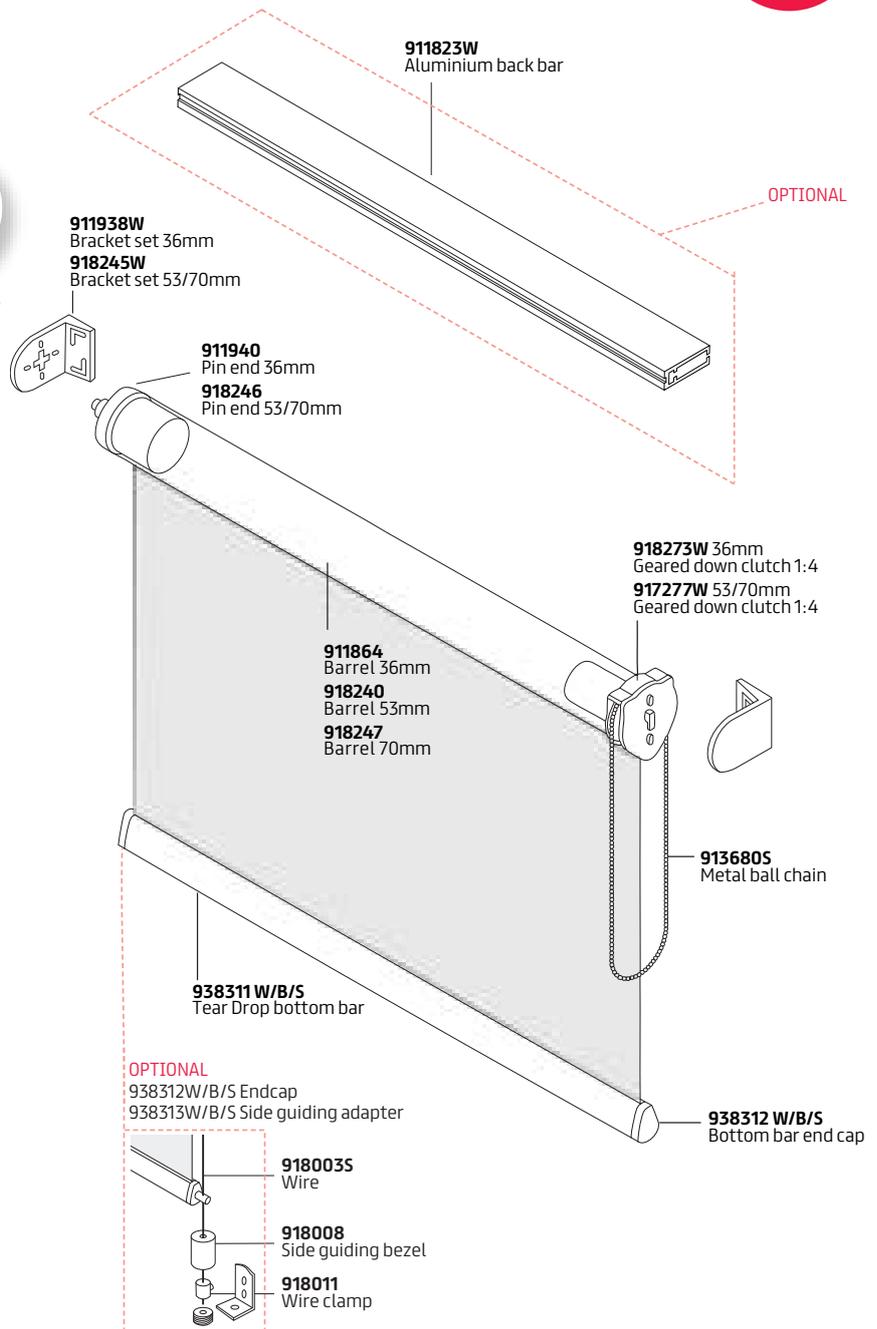
Alternative bottom bars, in plastic or aluminium, including fabric covered; Tear Drop aluminium bottom bar in black or silver; Wire side-guiding system; White aluminium back bar; Fascia.

Specification:

YewdaleDefiant® R40 premium sidewinder roller blind with superior quality 1:4 geared sidewinder mechanism for heavy duty operation as manufactured by Yewdale, +44 (0)1268 570900. Flame retardant fabric from the YewdaleDefiant® range, locked into grooved 36/53/70mm aluminium barrel along with white Tear Drop aluminium bottom bar as standard. Supported by sturdy, attractive brackets and incorporating metal control chain.

Please refer to NBS Plus N10 240.

BIM model available



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Standard Bottom Bar Featured

R54 Heavy Duty Crank

Features:

The YewdaleDefiant® R54 crank control roller blind features a heavy duty 1:3 crank mechanism for effective operation of oversized blinds. Operated by a magnetic detachable crank handle, and accommodating robust grooved aluminium barrel, this system is built to last. White plastic covered / metal brackets for face or top fixing, and with 53 or 70mm grooved aluminium barrel, depending on blind size and fabric weight. Fabric is locked into groove in barrel, and features white Tear Drop aluminium bottom bar as standard.

Benefits:

The strongest manual control blind from the YewdaleDefiant® range. The R54 is designed to cope, and built to last. Fabric is located in the groove in such a way that, although it cannot be pulled out it may be slid out sideways for easy repair or replacement of blind cover. The removable crank means that the blind cannot be tampered with by unauthorised personnel. Ideal for situations when a large blind size is required, or when vandal-resistance is a priority.

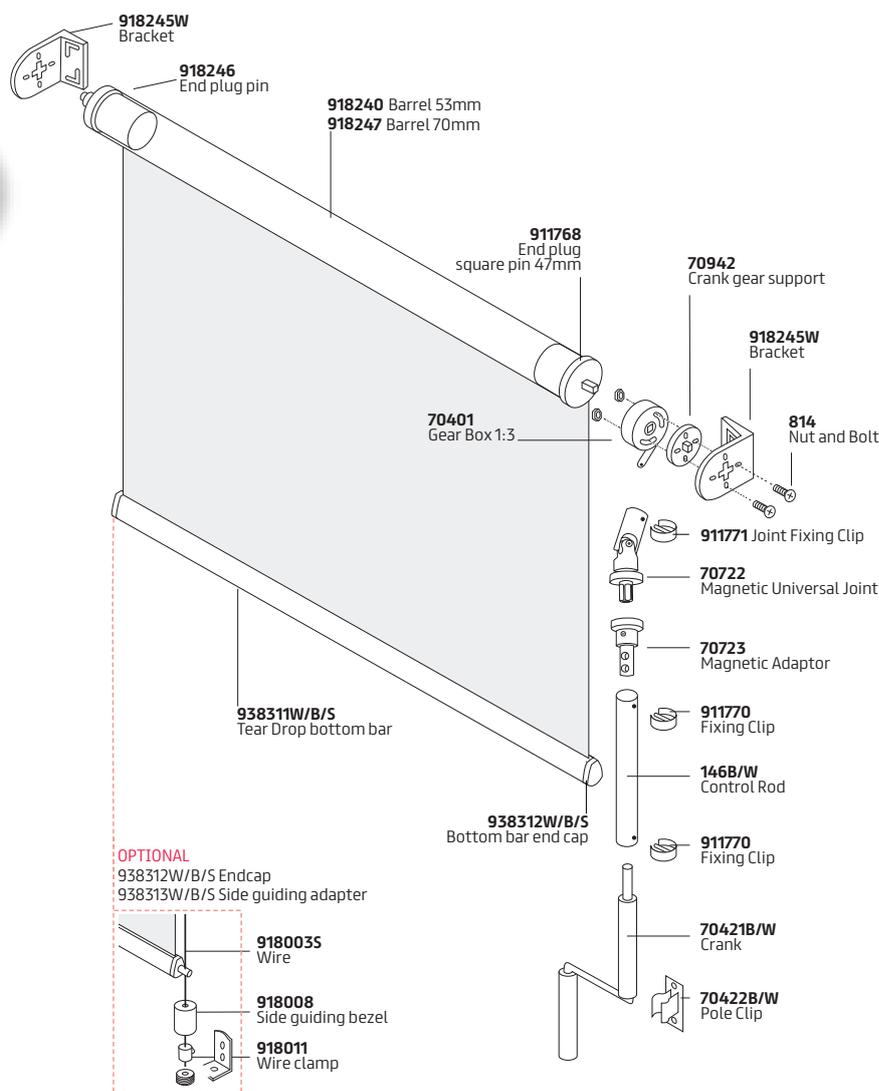
Options:

Alternative bottom bars in aluminium, including fabric covered; Tear Drop aluminium bottom bar in black or silver; Wire side-guiding system; Fixed crank handle.

Specification:

YewdaleDefiant® R54 Heavy duty crank control roller blind with heavy duty 1:3 crank mechanism as manufactured by Yewdale, +44 (0)1268 570900. Flame retardant fabric from the YewdaleDefiant® range, locked into grooved 53/70mm aluminium barrel along with white Tear Drop aluminium bottom bar as standard. Supported by sturdy, attractive brackets and incorporating magnetic detachable crank handle.

Please refer to NBS Plus N10 240.



YewdaleDefiant® Roller Blinds

YewdaleDefiant® Roller Blinds



Standard Bottom Bar Featured

R55 Heavy Duty Electric 230v AC

Features:

The YewdaleDefiant® R55 electric roller blind with a 230v AC motor as standard. White plastic covered, metal brackets for face or top fixing with 53 or 70mm grooved aluminium barrel, depending on blind size and fabric weight, housing a powerful 230v AC motor. The motor is controlled by a switch which may be surface or flush mounted (not supplied as standard). Fabric is locked into groove in barrel, and features white Tear Drop aluminium bottom bar as standard.

Benefits:

The R55 offers a premium roller blind for situations where strength and ease of use are paramount. It's quiet and reliable motor is housed within the barrel and supported by sturdy, attractive metal brackets. The fabric is locked into barrel and bottom bar in such a way that, although it cannot be pulled out, it may be slid out sideways for easy repair or replacement of blind cover. A large number of control options are available, including remote control and home automation systems enabling the specifier to integrate the window shading element into an overall scheme of electrical control systems.

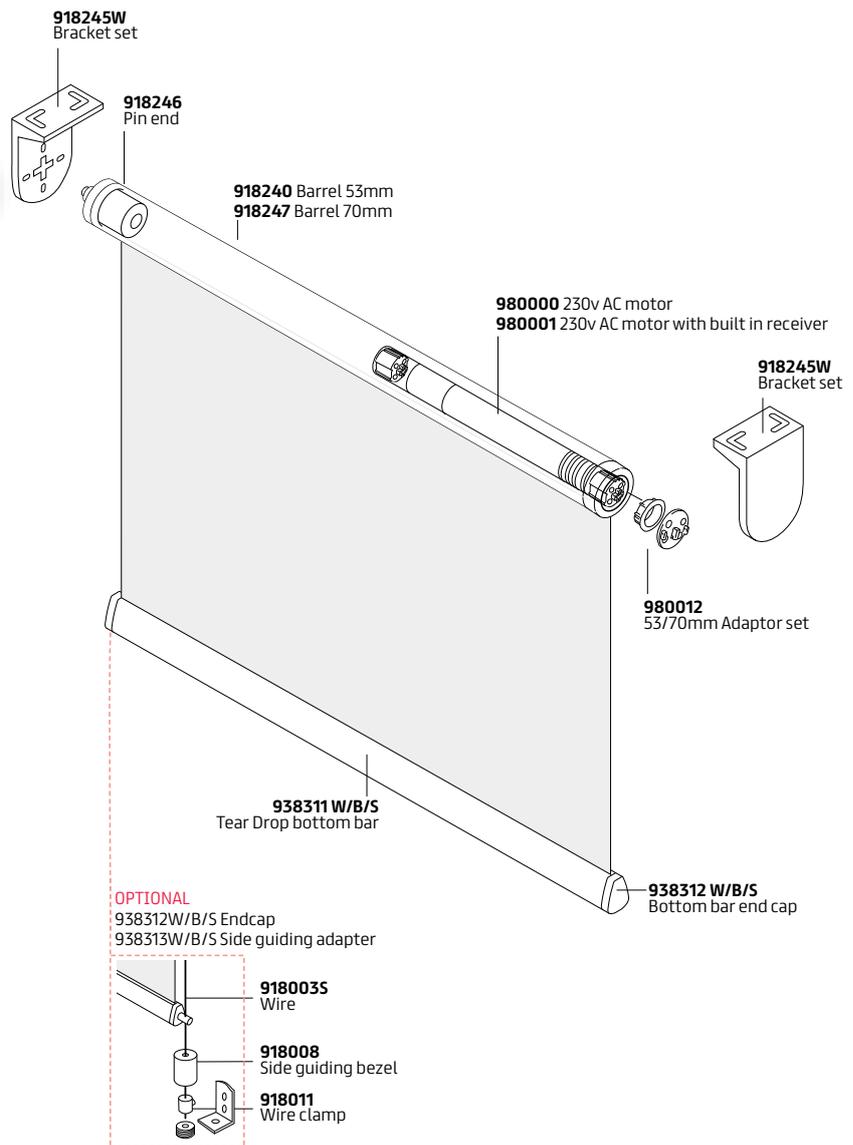
Options:

Alternative bottom bars in aluminium, including fabric covered; Tear Drop aluminium bottom bar in black or silver; Wire side-guiding system; Remote and/or group control systems.

Specification:

YewdaleDefiant® R55 heavy duty electric roller blind with 230v AC motor as manufactured by Yewdale, +44 (0)1268 570900. Slim motor is housed within aluminium barrel supported by metal brackets with white plastic covers. Flame retardant fabric from the YewdaleDefiant® range, locked into grooved 53/70mm aluminium barrel along with white Tear Drop aluminium bottom bar as standard.

Please refer to NBS Plus N10 240.



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Standard Bottom Bar Featured

R56 Overhead Crank

Features:

The YewdaleDefiant® overhead roller blind system with crank operation. White aluminium brackets for top or face fixing with 53 and 57mm grooved aluminium barrels. Fabric is mounted onto a sprung 57mm aluminium barrel whilst at the other end it is fitted to a white Tear Drop aluminium bottom bar, attached to two draw tapes. These tapes are attached, between flanged guides, to the 53mm drive barrel, operated by 1:4 gear control mechanism and crank handle.

Benefits:

The R56 roller blinds are the ultimate in choice for the shading requirements for sloping or horizontal roof windows. With heavy duty componentry and a powerful spring action to the fabric roller, these blinds may be confidently specified for awkward or inaccessible locations. The magnetic detachable crank handle provided with the R56 removes the common issues associated with locating the drive at height and solves the problem of unauthorised use.

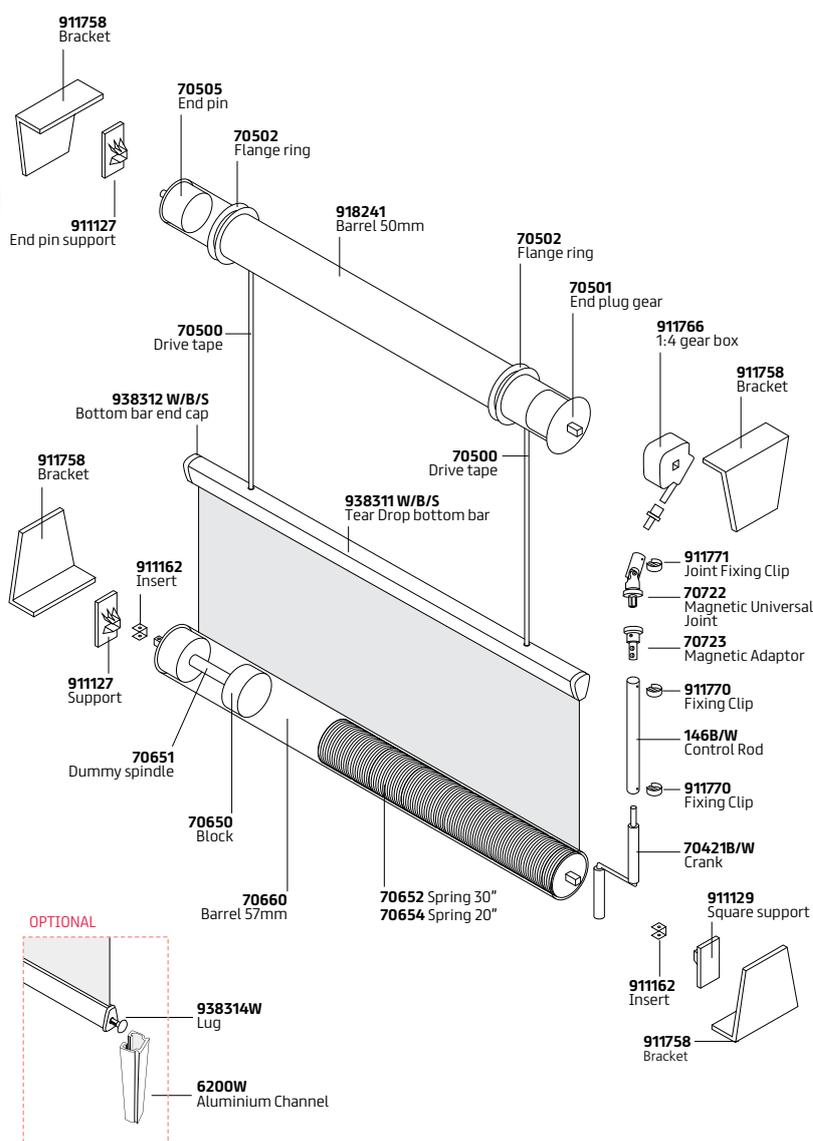
Options:

Tear Drop aluminium bottom bar in black or silver; Fixed crank handle.

Specification:

YewdaleDefiant® R56 crank operation overhead roller blind with 1:4 geared crank mechanism as manufactured by Yewdale, +44 (0)1268 570900. Flame retardant fabric from the YewdaleDefiant® range, on 57mm aluminium barrel with enclosed spring attached to white Tear Drop aluminium bottom bar as standard. 53mm drive barrel connected to gear control crank mechanism operates blind by means of draw-tapes to the bottom bar. Supported by sturdy, attractive brackets and incorporating magnetic detachable crank handle.

Please refer to NBS Plus N10 240.



YewdaleDefiant® Roller Blinds

YewdaleDefiant® Roller Blinds



Standard Bottom Bar Featured

R57 Overhead Electric

Features:

The YewdaleDefiant® overhead roller blind system with 230v AC motor. White aluminium brackets for top or face fixing with 53 and 57mm grooved aluminium barrels. The motor is controlled by a switch which may be surface or flush mounted (not supplied). Fabric is mounted onto a sprung 57mm aluminium barrel whilst at the other end it is fitted to a white Tear Drop aluminium bottom bar, attached to two draw tapes. These tapes are attached, between flanged guides, to the 53mm drive barrel, operated by 230v AC electric motor.

Benefits:

The R57 roller blinds are the ultimate in choice for the shading requirements for sloping or horizontal roof windows. With heavy duty componentry and a powerful spring action to the fabric roller, these blinds may be confidently specified for awkward or inaccessible locations. The R57 can be supplied with a number of remote or group control options including Radio Control and home automation systems.

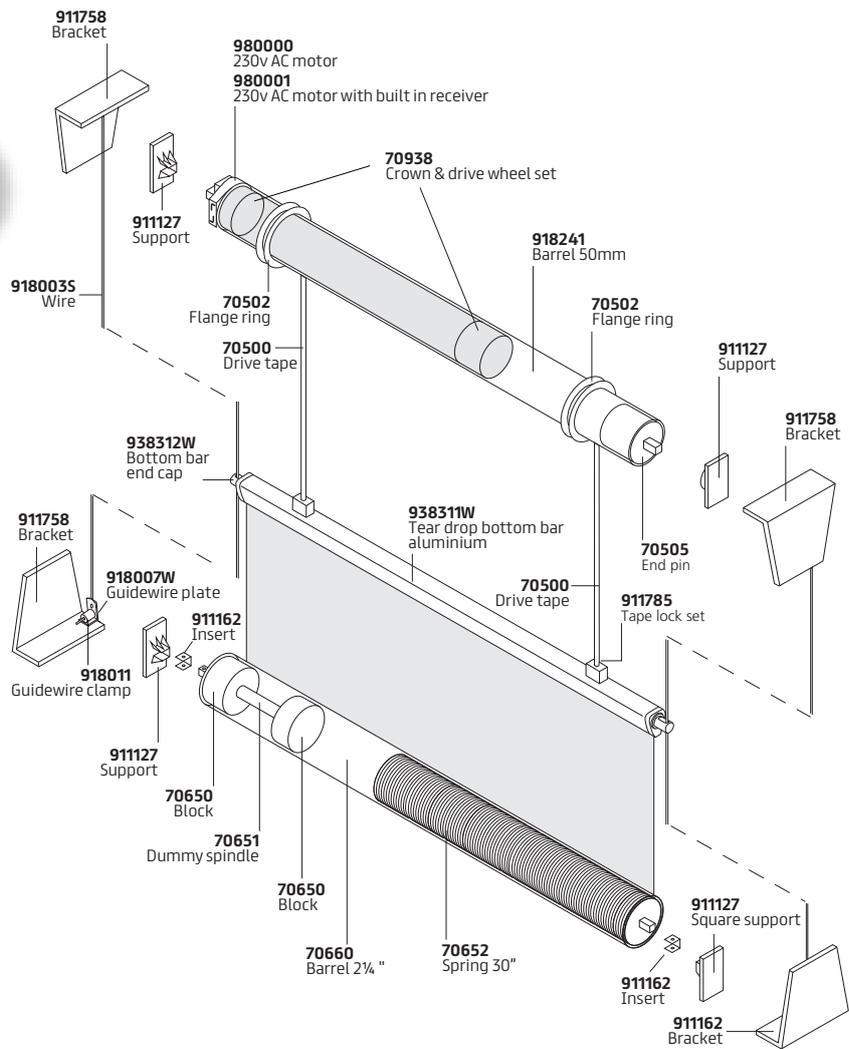
Options:

Tear Drop aluminium bottom bar in black or silver; Remote and/or group control systems.

Specification:

YewdaleDefiant® R57 electric operation overhead roller blind with 230v AC motor as manufactured by Yewdale, +44 (0)1268 570900. Flame retardant fabric from the YewdaleDefiant® range, on 57mm aluminium barrel with enclosed spring attached to white Tear Drop aluminium bottom bar as standard. 53mm drive barrel connected to electric motor operates blind by means of draw-tapes to the bottom bar. Supported by sturdy, attractive brackets.

Please refer to NBS Plus N10 240.



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VPF Vision Panel Flap

Features:

The YewdaleDefiant® vision panel flap with turn-button control as standard. White plastic turn-buttons to each corner secures the fabric privacy screen in place when in use. Fabric has stitched hems to top and bottom, and central turn-button at top for retaining when not in use.

Benefits:

The YewdaleDefiant® Vision Panel Flaps offer a discreet screen on doors/windows without the need of mechanisms - especially important where there are space restrictions. These are seen as infection control friendly as they can be easily removed and replaced for cleaning purposes. Light seepage is kept to a minimum due to the closeness of fabric to the glass.

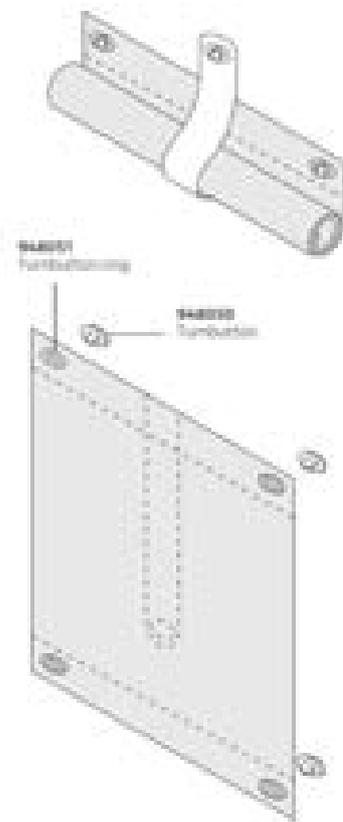
Options:

Velcro strip bonded to top and bottom edges in place of turn-button and tag; Shaped panels.

Specification:

YewdaleDefiant® Vision Panel Flap from flame retardant fabric as manufactured by Yewdale, +44 (0)1268 570900. Flame retardant fabric from the YewdaleDefiant® fabric range with stitched hems to top and bottom. Retained by turn-button tag control to each corner for effective screening.

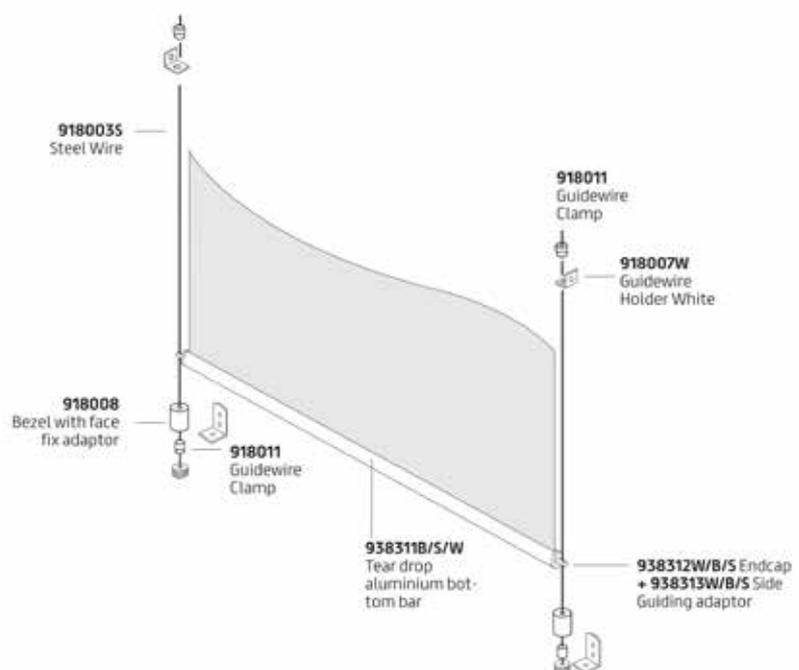
Please refer to NBS Plus N10 240.



Wire Side-guiding System

Features:

The YewdaleDefiant® wire side-guiding system was developed to ensure that roller blinds could be kept in a closed position regardless of the forces of gravity or movement of air around it. The rotatable bottom bar end-cap adaptor is held securely to the stainless steel wire, which provides the robust positioning mechanism; this, in turn, is held under tension by a metal bezel.



Roller Blind Specification Guide

Code	Description	Min Width	Max Width	Max Drop	Max M ²
R20	Sidewinder	200	3450	4250	6.5
R20B	Low Voltage Battery 7.4v DC	500	2650	3350	4.8
R20C	Crank	200	3450	4250	6.5
R20M	Low Voltage Electric 24v DC	500	2650	3350	4.8
R20S	Braked Spring**	450	1850	2450	4.3
R20W	Light Duty Crank	200	2650	3350	5.0
R26-25	Overhead Corded - 25mm	500	1850	1850	3.5
R26-57	Overhead Corded - 57mm	720	2500	2850	5.0
R40-36	Premium Sidewinder - 36mm	200	2600	3600	6.5
R40-53	Premium Sidewinder - 53mm	200	3450	3450	9.0
R40-70	Premium Sidewinder - 70mm	200	4700	5750	10.0
R54-53	Heavy Duty Crank - 53mm	200	3450	3450	9.0
R54-70	Heavy Duty Crank - 70mm	200	4700	5750	10.0
R55-53	Heavy Duty Electric 230v AC - 53mm	570	3450	3450	9.0
R55-70	Heavy Duty Electric 230v AC - 70mm	570	4700	5750	10.0
R56	Overhead Crank	720	2500	2000	4.0

Based on fabric weight of 220g/m², e.g. Thames. Use of heavier fabrics may require appropriate reductions.

** Use of limit stop may require appropriate reductions.



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