

Howells Glazing Systems Ltd

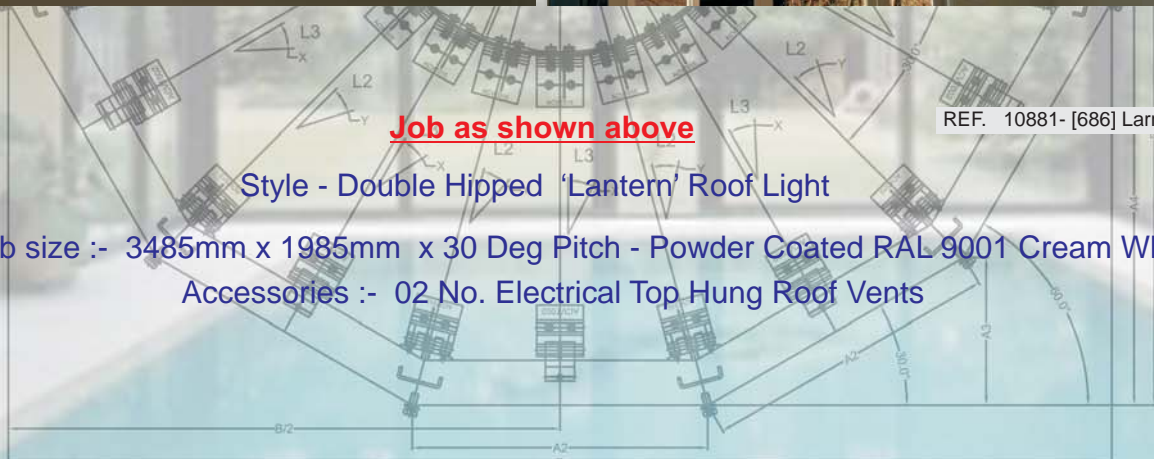
Full Thermally Broken Roof Light System

This is a full aluminium thermally broken system to meet the ever increasing demands of both thermal efficiency low maintenance materials to combine both modern and traditional and authentic appearance of timber structures.

Materials are powder coated to a high quality finish and are available in any RAL or BS Colour of your choice. Different internal & external profile finishes are available (i.e ornate ogee, square or raked features) to suit your application.

System accommodates a multitude and different double glazed units thicknesses from 24mm – 35mm. Our D/G standard specification is 28mm thickness units Toughened Safety Glass – Low 'E' – Argon gas filled with a D/G U Value 1.2 W/m2.

D/G Units are available in Clear / Bronze / Green & Blue Tints ; Self cleaning finishes (Pilkington Active) and also Solar Controlled finishes such as Cool-Lite or Sun-cool just to name a few.



Job as shown above

REF. 10881- [686] Larry Scott

Style - Double Hipped 'Lantern' Roof Light

Internal kerb size :- 3485mm x 1985mm x 30 Deg Pitch - Powder Coated RAL 9001 Cream White

Accessories :- 02 No. Electrical Top Hung Roof Vents

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Job as shown above

REF. C4274-[754] Thorton Hall - Glasgow

Style - Double Hipped 'Lantern' Roof Light

Internal kerb size :- 5000mm x 3500mm x 30 Deg Pitch - Powder Coated **DUAL colour** Grey/Cream

Accessories :- 04 No. Electrical Top Hung Roof Vents

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D/G Units are available in Clear / Bronze / Green & Blue Tints ; Self cleaning finishes (Pilkington Active) and also Solar Controlled finishes such as Cool-Lite or Sun-cool just to name a few.



Job as shown above

REF. 10516- [621] Lucinda

Style - Double Hipped 'Lantern' Roof Light

Internal kerb size :- 3365mm x 2135mm x 30 Deg Pitch - Powder Coated RAL 9910 Satin White

Accessories :- 02 No. Electrical Top Hung Roof Vents + Crestings & Finials

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System accommodates a multitude and different double glazed units thicknesses from 24mm – 35mm. Our D/G standard specification is 28mm thickness units Toughened Safety Glass – Low 'E' – Argon gas filled with a D/G U Value 1.2 W/m2.

D/G Units are available in Clear / Bronze / Green & Blue Tints ; Self cleaning finishes (Pilkington Active) and also Solar Controlled finishes such as Cool-Lite or Sun-cool just to name a few.



Job as shown above

REF. 9986-[646] F & B Construction- Somerset

Style - Double Hipped 'Lantern' Roof Light

Internal kerb size :- 3000mm x 2000mm x 30 Deg Pitch - Powder Coated RAL 9010 Satin White
400mm Height Vertical Windows

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Full Thermally Broken Roof Lantern Light System

This is a full aluminium thermally broken system to meet the ever increasing demands of both thermal efficiency low maintenance materials to combine both modern and traditional and authentic appearance of timber structures.

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System accommodates a multitude and different double glazed units thicknesses from 24mm – 35mm. Our D/G standard specification is 28mm thickness units (4mmx20mmx4mm) Toughened Safety Glass – Low 'E' – Argon gas filled with a D/G U Value 1.2 W/m2.

D/G Units are available in Clear / Bronze / Green & Blue Tints ; Self cleaning finishes (Clear Shield or Pro-Active) and also Heat reflective finishes such as Cool-Lite or Sun-cool just to name a few.



Architect :- Martin Rigby Associates Tel. 01207 524577

REF. 6562- [247] Rigby

Job as shown above

Style - Double Hipped 'LANTERN' Roof Light

Internal kerb size :- 4500mm x 2300mm x 30 Deg Pitch - Powder Coated RAL 9910 Satin White

Accessories :- 450 Height Thermally Broken Vertical Windows with 4 No. Electrically Operated Top Hungs

Forge Lane, Cradley Heath. West Midlands. B64 5AL. Tel. 0044 (0)1384 820060 Fax. 0044 (0)1384 860150

Web. www.howellsglazing.co.uk Email sales@howellsglazing.co.uk



This is a picture of 5800mm x 2500mm being built in our factory in mill finish prior to being checked and then dis-assembled to be powder coated to any RAL or BS Colour of your choice..

Speical Note :-

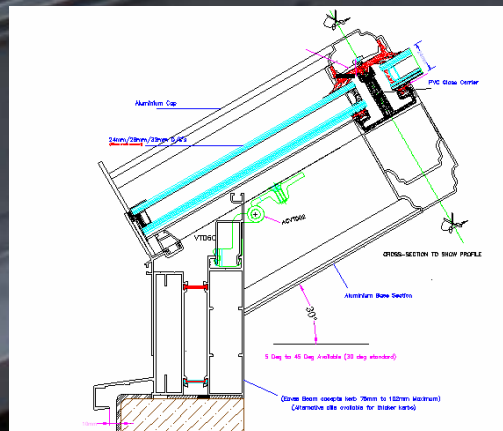
This system is the most thermally efficiency roof light available on the market in the UK..
'It has no competitors!'

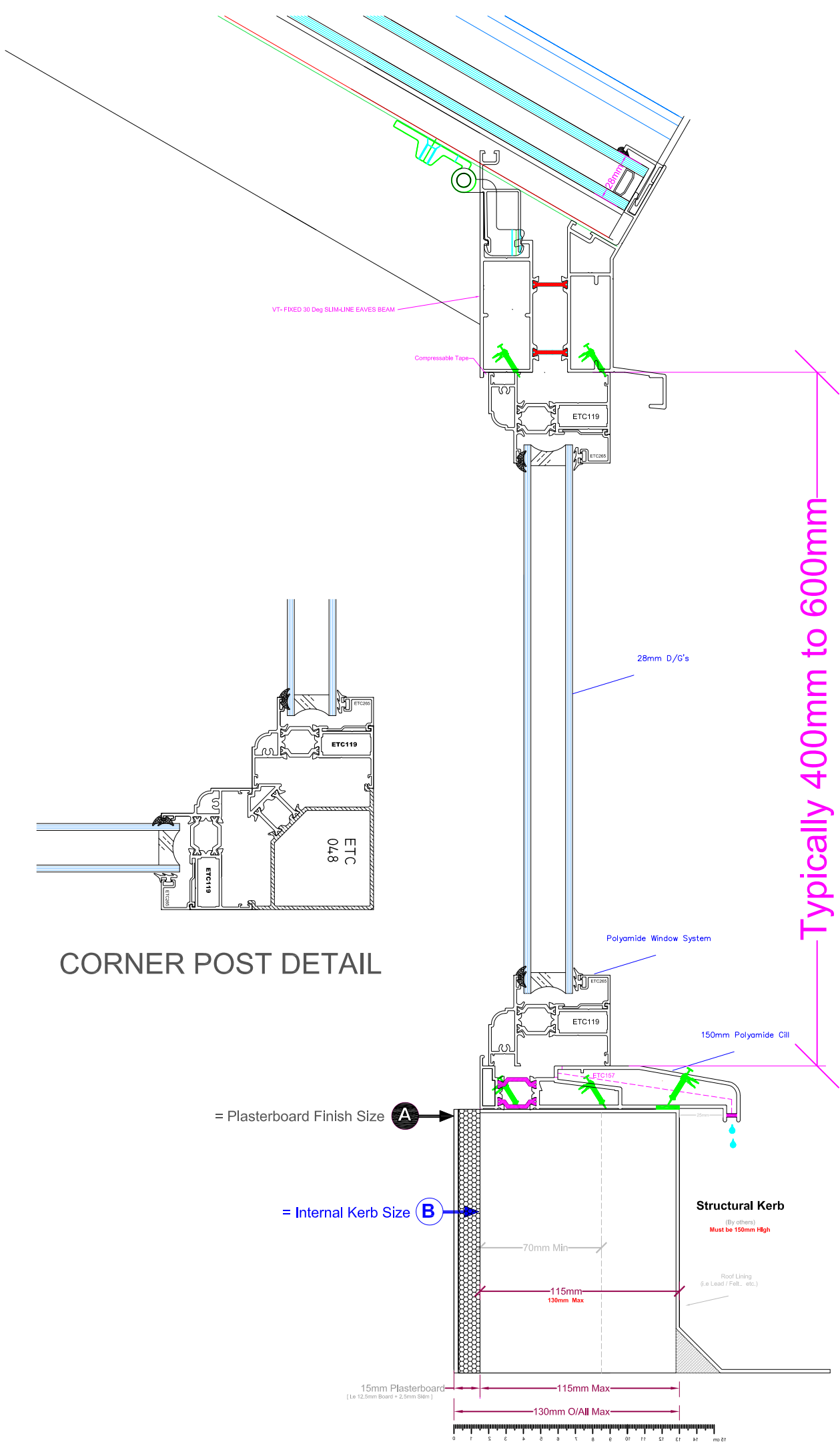
Every internal & external item is thermally isolated from each other so that there are no cold bridges..

Please make sure you check this closely when comparing with alternative systems..

One additional factor also that you may note it that the glass and glazing bar system does not project over the eaves beam..

(i.e this would normally cause a cold bridge to the underside of your glass)





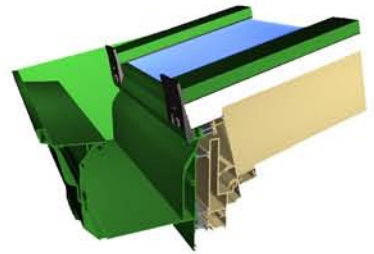
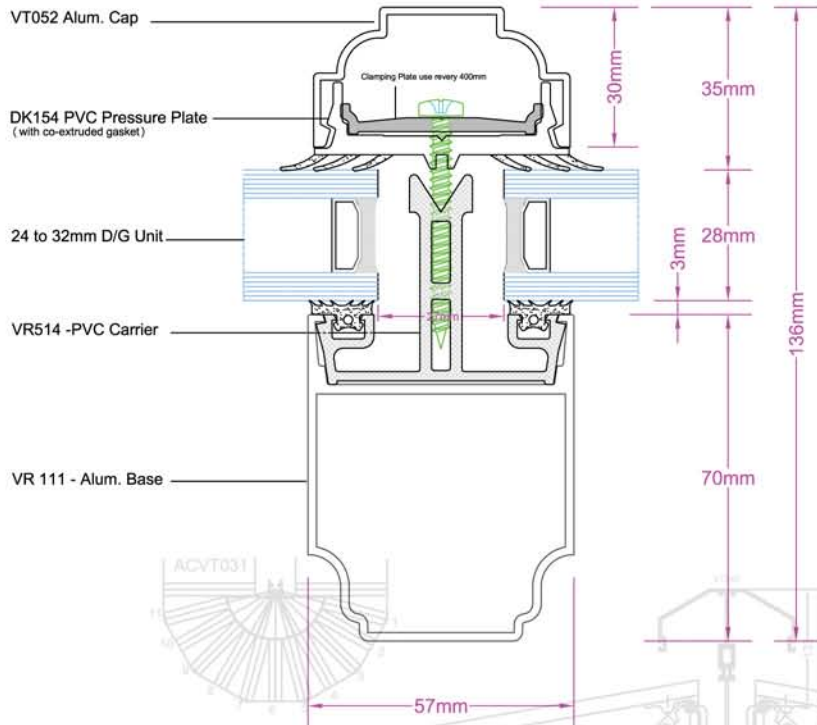
CORNER POST DETAIL

= Plasterboard Finish Size **A**

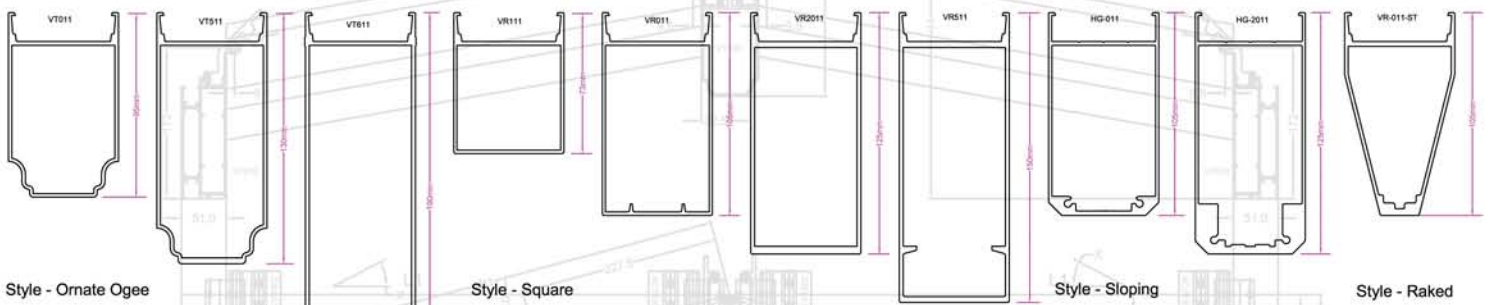
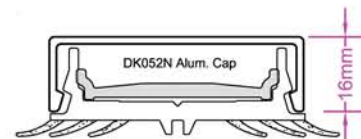
= Internal Kerb Size **B**

HOWELLS GLAZING - VT-Plus - FULL THERMALLY BROKEN ROOF LIGHT SYSTEM

TYPICAL DETAILS/OPTIONS FOR ROOF SYSTEM



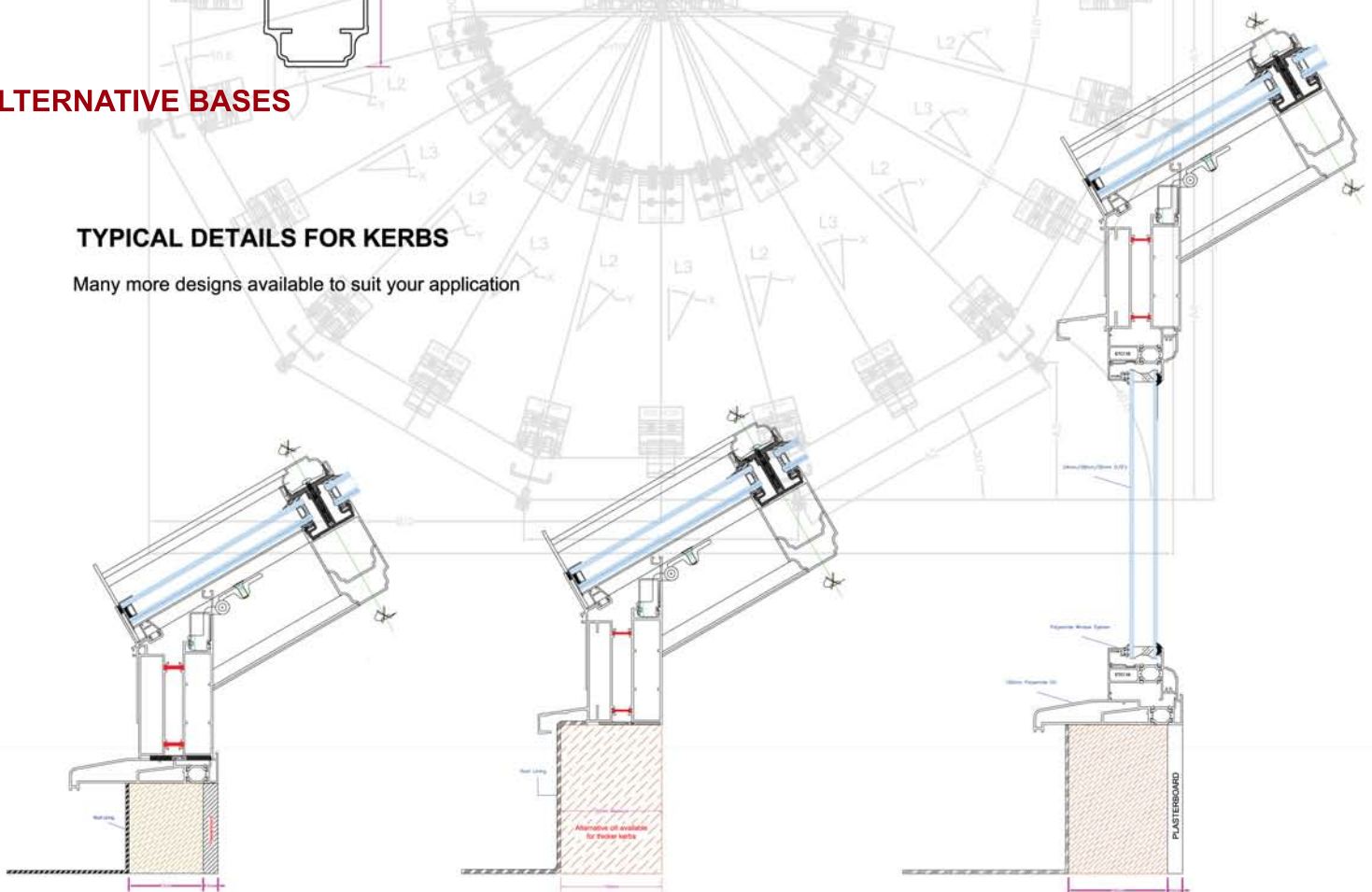
ALTERNATIVE CAPS



ALTERNATIVE BASES

TYPICAL DETAILS FOR KERBS

Many more designs available to suit your application



Kerb detail for plasterboard finish

Kerb detail standard kerb

Kerb detail for lantern light

FULL THERMALLY BROKEN ROOF VENT SYSTEM



MANUAL ROOF VENTS (inc. manual worm gear)
@ £ 225.00 + vat (each)

ELECTRICAL ROOF VENTS (inc. electrical chain motor)
@ £ 325.00 + vat (each)

**** Top Hung openers also available in vertical windows ****

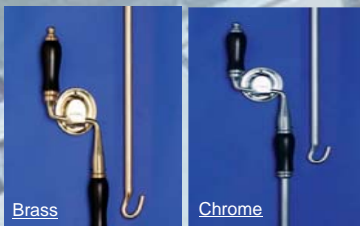
Manual Options



SPINDLES

TELESCOPIC SPINDLE

Crank handled operating Poles



Brass Chrome

Standard Lengths 1500mm **£ 25.00 + VAT**

Telescopic 1750-3000mm **£ 35.00 + VAT**

Electrical Options

Electrical Chain Motor



- * Adjustment of 7 stroke positions from 100-400mm
- * Buzzer to indicate incorrect installation
- * 230 / 24 Volt options
- * Powder coated White, Silver or Black as a standard
- * Others colours available on request

On/Off Switch



Features

- * Voltage supply 230v/110v/24v
 - * For use up to 10 amps
 - * White Brushed Chrome or Brass
 - * 1/2/3/4/ Zones
 - * Surface of recess mounting
- £ 35.00 + VAT**

Control Panel - Analogue

with rain sensor & thermostat



Features

- * Operates up to 7 mac motors
- * For use up to 10 amps
- * Surface and recess mountings
- * Single box size
- * Integral thermostat probe
- * Complete with rain sensor
- * Visual display for operational position
- * Manual override
- * Optional remote control

£ 150.00 + VAT

Control Panel - Digital

with rain sensor & thermostat



Features

- * Fully automated and manual options
- * For use up to 5 amps
- * Separate open/ closing temp. settings
- * Available in white / Brass or Chrome
- * Complete with rain sensor / Thermostat
- * Digital display
- * Manual override
- * Optional remote control
- * Surface or recess mounting

£ 275.00 + VAT

OTHER ACCESSORIES (ELECTRICAL)



Smoke Detectors



Rain Zones



7 Day Control



TF Radio Control



Wind Speed

For more tech. info + wiring diagrams :- visit our web site:- www.howellsglazing.co.uk (Roof vents)