

Duette® FR Honeycomb Shades



Duette® FR

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Our Duette® Honeycomb FR Shades combine soft fabric and an energy-efficient honeycomb design for light control, sound absorption, and energy efficiency. Crisp ¾" pleats of resilient, dust-resistant fabrics make these shades durable and beautiful.



FABRIC

- ¾" Semi - Opaque
- ¾" Opaque



Recommended applications: Room Darkening, Light-Filtering

KEY FEATURES

- Honeycomb construction with patented TruePleat™ keeps every shape crisp
- Honeycomb air pockets provide excellent insulation to reduce heat flow at the window
- Translucent fabric offers excellent day lighting benefits by diffusing harsh sunlight and reducing glare
- Provide protection from ultraviolet ray up to 99%
- Minimal height of shade when fully raised allows for uninterrupted view.
- MicroShield antimicrobial fabric protection
- Specialty shapes are available in arches, angles, circles, hexagons, and octagons
- GREENGUARD Gold Certified for low-emitting products
- Passes NFPA 701 Small Scale Flammability testing
- Effective for sound absorption and sound transmission (tested with ASTM E90 and ASTM C423)
- For safety: EasyRise™ continuous cord loop and cord tensioner anchor cord at side of window or motorized shade without cord



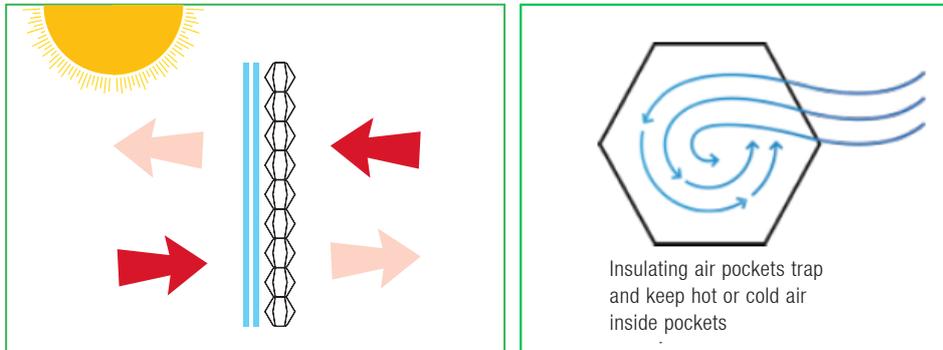
Duette® FR Honeycomb Shades

KEY FEATURES

Energy Saving

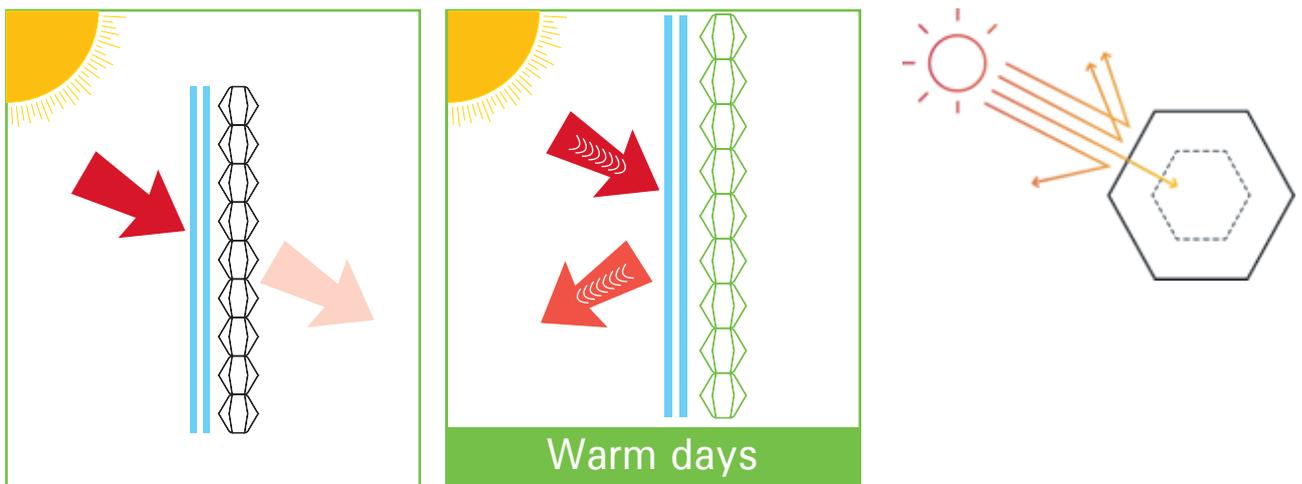
• Insulation

Air pockets provide insulation by trapping the air.



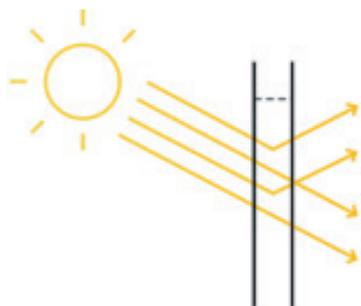
• Solar Heat Control

Allow/reduces solar heat entering the room



• Day lighting

Use of natural light by diffusing and reducing glare in a room

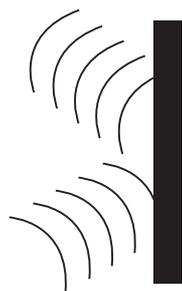


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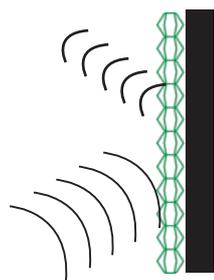
Sound Absorption

PRODUCT VARIATION	NOISE REDUCTION COEFFICIENTS	SOUND ABSORPTION COEFFICIENTS					
	NRC	125hz	250hz	500hz	1000hz	2000hz	4000hz
Duette® Semi-opaque	0.60	0.03	0.23	0.60	0.67	0.90	0.89
Duette® Architella	0.60	0.03	0.24	0.49	0.83	0.84	1.02
Glass (½" thick)	0.05	0.05	0.03	0.02	0.02	0.03	0.02
Hardwood or plywood (½" thick)	0.10	0.58	0.22	0.07	0.04	0.03	0.07
Plaster board (13mm thick)	0.05	0.10	0.08	0.05	0.03	0.03	0.03
Ceiling 15mm mineral fibre board	0.60	0.31	0.29	0.70	0.70	0.71	0.71
Rug (½" thick)	0.25	0.05	0.10	0.15	0.30	0.50	0.55

The absorption coefficient of a material is a number between 0 and 1 which indicates the proportion of sound which is absorbed by the surface compared to the proportion which is reflected back into the room. A large, fully open window would offer no reflection as any sound reaching it would pass straight out and no sound would be reflected. This would have an absorption coefficient of 1. Conversely, a thick, smooth painted concrete ceiling would be the acoustic equivalent of a mirror, and would have an absorption coefficient very close to 0.



Without Honeycomb Shade



With Honeycomb Shade

Duette® FR Honeycomb Shades

EASYRISE™

Width

Minimum	400 mm
Maximum	4400 mm

Height

Minimum	600 mm
Maximum, Semi-Opaque	3600 mm
Maximum, Opaque	3600 mm

Maximum Area

Semi-Opaque	13.9 sqm
Opaque	11.1 sqm

HARD-WIRED MOTORIZATION WITH SWITCH OR REMOTE CONTROL

Width

Minimum	800 mm
Maximum	4400 mm

Height

Minimum	600 mm
Maximum	3600 mm

Maximum Area

All fabrics	30 sqm
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ENERGY EFFICIENCY

Duette® FR Honeycomb Shades 3/4" Semi-Opaque

Insulation	★★★★
Solar Heat Control	★★★↓
Daylighting	★★
Ultraviolet Protection	★★★★★
Sound Absorption	★★★★

Duette® FR Honeycomb Shades 3/4" Opaque

Insulation	★★★★
Solar Heat Control	★★★★
Daylighting	★
Ultraviolet Protection	★★★★★
Sound Absorption	★★★↓

NOTES

- Cord loop drops from 2ft - 5ft long, determined by length of shade
- Light gaps will occur at sides of the shade on inside mount



Duette® FR Honeycomb Shades

OPACITIES:

D22 ¾" Semi-Opaque (light-filtering)

D23 ¾" Opaque (room darkening)



Autumn Harvest

D22 - 695

D23 - 695



Beach Shells

D22 - 907



Bisque

D22 - 989

D23 - 989



Black Onyx

D22 - 749



Daisy White

D22 - 951

D23 - 951



Graphite

D22 - 750



Journal

D22 - 457

D23 - 457



Patina Gray

D22 - 733



Pearl Gray

D22 - 713



Platinum

D22 - 682

D23 - 682



Toasted Almond

D22 - 687

D23 - 687



Truffle

D22 - 686

D23 - 686

NOTE: Color & fabric images are for illustration purposes only. For accurate specification, please request product samples. (When specifying, please indicate color, size and opacity.)

NOTE: Duette also available in wide range of non-FR fabric. Please contact Hunter Douglas for advice.

DESIGN OPTIONS

Easyrise™

This continuous cord loop and clutch assembly makes operating large shades easier.

Motorization

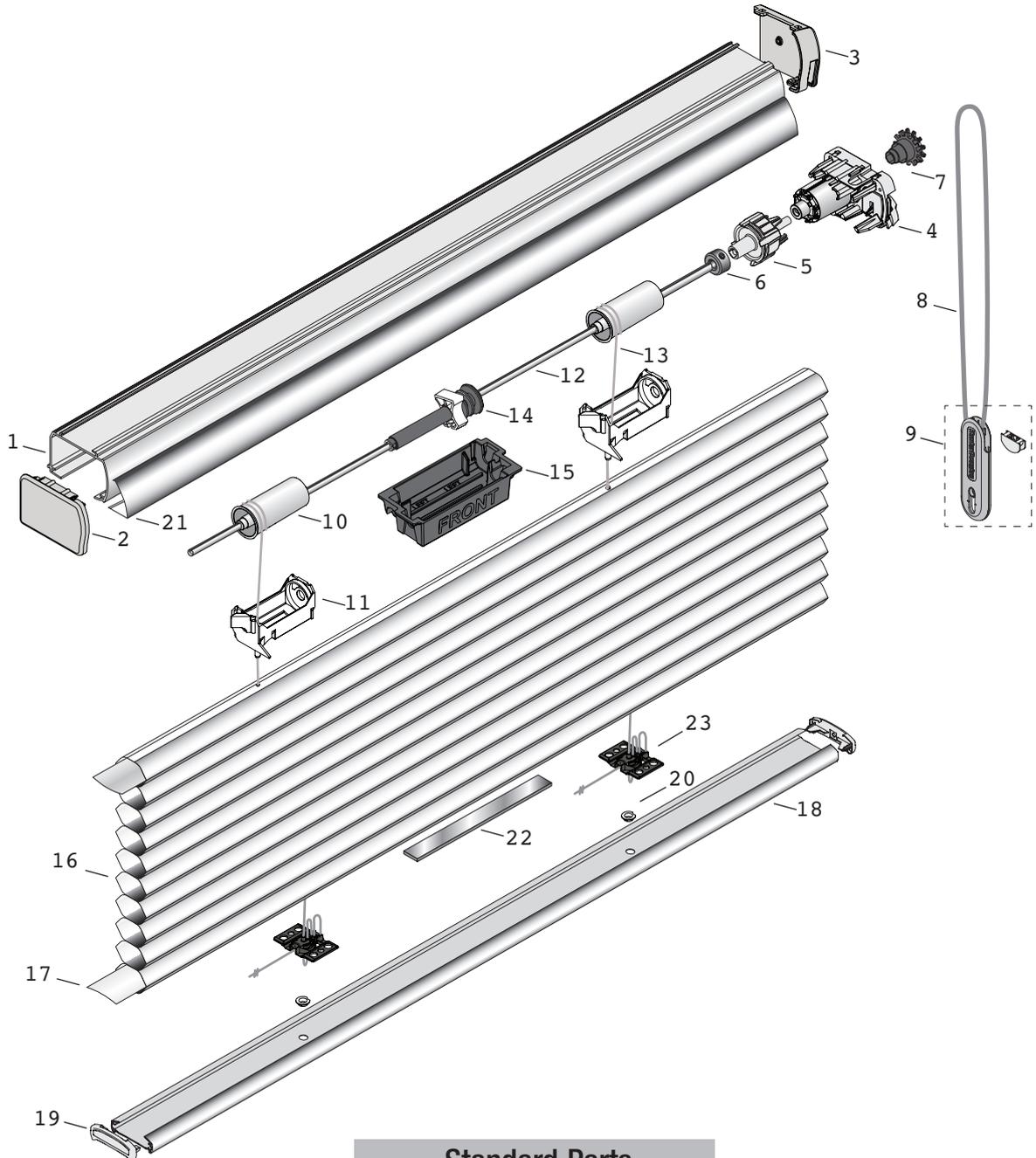
Versatile range of motors and controls to maximize shading benefits without cord.



Duette® FR Honeycomb Shades

HONEYCOMB - DUETTE® 3/4"

EasyRise™ Standard

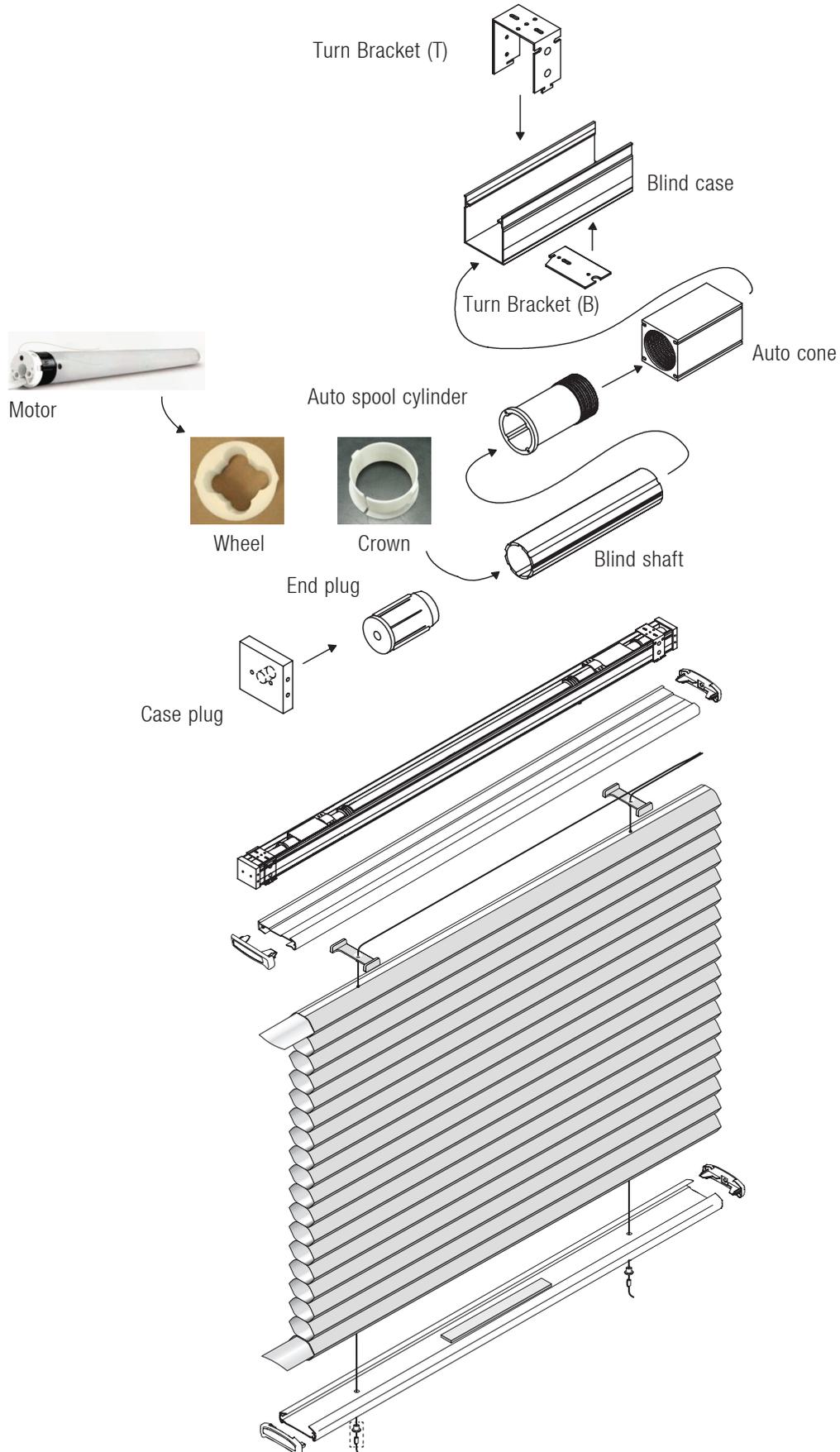


Standard Parts

- | | | |
|-------------------------------|----------------------------|------------------------------------|
| 1. Headrail | 10. Lift Spool | 19. Center and Bottom Rail End Cap |
| 2. Headrail End Cap | 11. Spool Support | 20. Pocket Cover |
| 3. Clutch Mount Cover | 12. V-Shaft, Steel | 21. Valance |
| 4. Clutch Mount | 13. 0.9mm Cord | 22. Rail Weight |
| 5. Gear Box Assembly, 3:1 | 14. Drop Stop Assembly | 23. Adjustment Assembly |
| 6. Locking Collar w/Set Screw | 15. Drop Stop Housing | |
| 7. Cord Sprocket | 16. Fabric | |
| 8. Cord Loop | 17. Filler Strip | |
| 9. Universal Cord Tensioner | 18. Center and Bottom Rail | |

Duette® FR Honeycomb Shades

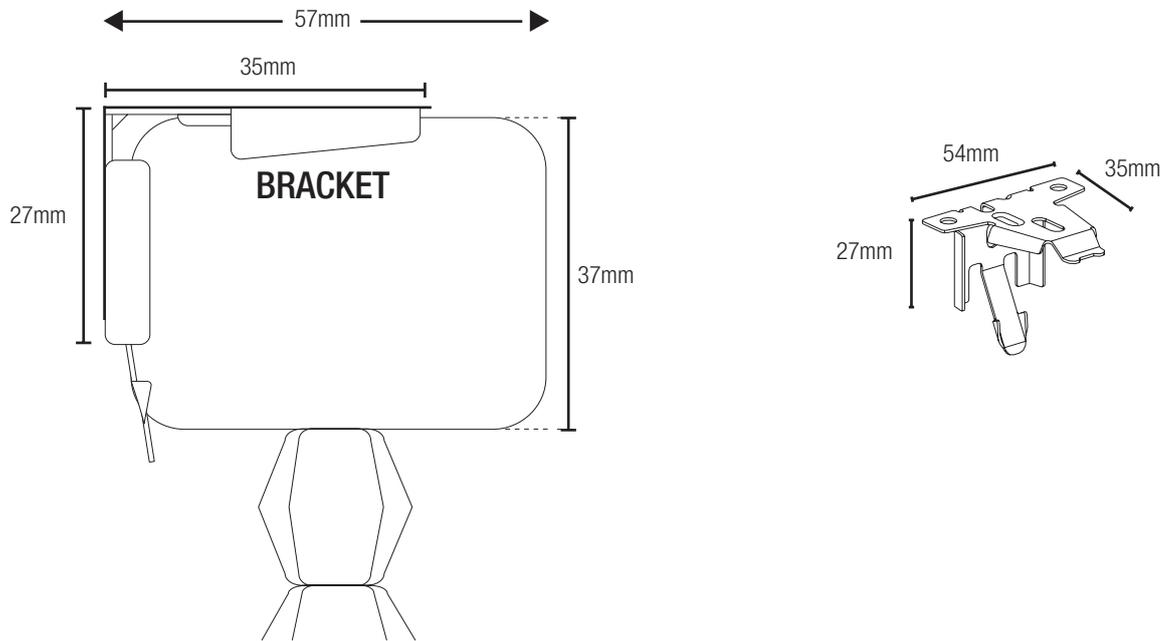
Motorization



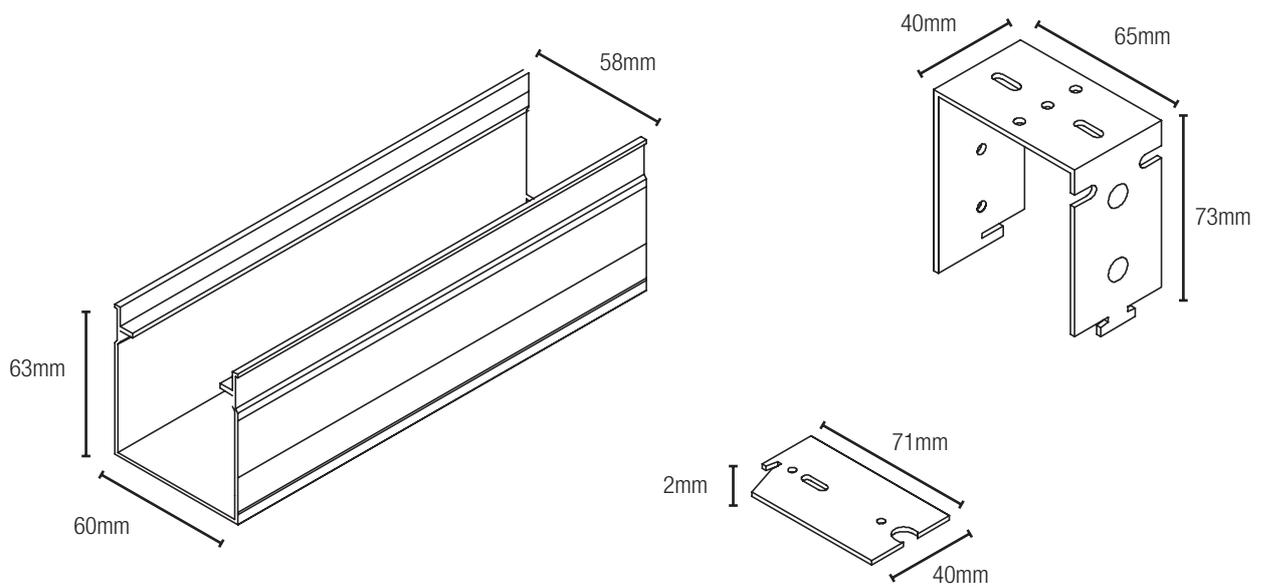
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HEADRAIL AND BRACKET SIZE

Duette Easyrise



Duette Motorization



Duette® FR Honeycomb Shades



The **NEWEST INNOVATION** in honeycomb shades, MicroShield™ antimicrobial fabric protection resists the growth of bacteria, mold and mildew that can cause odors.

Q. What is MicroShield?

A. MicroShield is a Hunter Douglas exclusive antimicrobial fabric protection that is available on all Duette®FR fabrics.

Q. Why did Hunter Douglas introduce an antimicrobial fabric treatment for honeycomb shades?

A. More and more people are purchasing products that have antimicrobial benefits. This include everyday products, such as sponges, towels, shower curtains, carpets, furniture and bedding. To answer this growing trend in the market, MicroShield was developed to resist the growth of bacteria, mold and mildew that cause odors. MicroShield is the first fabric protection on the market for honeycomb shades.

Q. My shade is not treated with MicroShield. Do I need to be concerned about bacteria, mold and mildew growing on my shades?

A. The presence of bacteria, mold and mildew is dependent on the environment - both climate and property - so each customer's needs will be different.

Q. Are there climates where you would expect to see more mold and mildew than others?

A. Yes, MicroShield is ideal for high humidity climates such as Tropical climate.

Q. How is the MicroShield applied to the fabric?

A. MicroShield is added to the colored ink when the fabric is being printed.

Q. Can MicroShield be added to my existing Hunter Douglas honeycomb shades?

A. MicroShield is not available as an after market application. It will be available on all Duette FR fabric beginning July 2016.

Q. Does MicroShield prevent odors in general?

A. No. The application of MicroShield will not prevent odors in general; only odors caused by bacteria, mold and mildew.

Q. Does spot-cleaning alter the effectiveness of MicroShield?

A. No. Spot-cleaning does not alter the effectiveness of MicroShield. Spot cleaning should follow fabric recommendations.