PRODUCT BRIEF // MOTORIZATION

Petala Sheer

Motorized with the patented Fold-Connect™ Foldable Track.



OVERVIEW

The Petala Sheer motorization package pairs RAITEC-engineered AC or DC motors with the patented Fold-Connect™ Foldable Track. Motors mount inside the headrail for a concealed install. Control is handled by a 1-channel or 6-channel jog-shuttle remote, with optional IoT integration for smart home platforms.

HARDWARE SPECIFICATIONS

BRAND / MANUFACTURER	RAITEC (owned by Rico) — ODM in China
1-CHANNEL REMOTE	Model R2R1CH-802C-WH
6-CHANNEL REMOTE	Model R2R6CH-701V-WH — Jog-shuttle with tilt control
AC MOTOR MODEL	R2AVM-CMXH-1209
AC MOTOR SPECS	100–240V · 1.2 N·m · 18W · 0.08A · IP40 · 433.92 MHz
AC MOTOR SPEEDS	3-speed adjustable — 9, 12, or 14 cm/sec
DC MOTOR MODEL	R2DVM-CMXH-1209 — Supports external battery pack
TRACK DIMENSIONS	219mm (W) × 48mm (H) — assembled cross-section
PATENT	Foldable Track — Application No. 10-2025-0044357

COMPATIBILITY NOTE

Petala motor hardware is purpose-built for RAITEC motors. Third-party motors are not supported.

TRACK CONFIGURATIONS & DRAW OPTIONS

Draw capability by build.

Draw capabilities vary with track length and whether the system is motorized or manual. Longer motorized tracks use a Fold-Connect™ joint in the center of the hardware.

MOTORIZED

With Fold-Connect™ Joint

Longer runs. Joint in center.

AVAILABLE DRAWS

+ Center Close
— Left Draw (n/a)
— Right Draw (n/a)

MOTORIZED

Without Joint

Single-section tracks.

AVAILABLE DRAWS

+ Left Draw
+ Right Draw
+ Center Close

MANUAL

Wand Operation

Full flexibility across spans.

AVAILABLE DRAWS

+ Left Draw
+ Right Draw
+ Center Split

INSTALLATION & CONTROL

Motor placement

Motor mounts at the end of the track and conceals behind the fabric stack. Fold-Connect™ joints on long-span motorized runs sit centered between the motor and end cap.

Remote pairing

1-channel remote controls one motor for single-window applications. 6-channel remote controls up to six motors with a dedicated jog-shuttle for 180° panel rotation.

AC vs DC selection

AC motors suit hardwired installs with standard 100–240V supply. DC motors with external battery pack suit retrofits, installations without hardwired power, or cord-free design requirements.

Smart home integration

An optional IoT chip enables third-party smart home integration (voice, app, scene automation). Specify per job at the time of order.

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contact@heliotecwf.com · +1-608-381-3425 · heliotecwf.com · petalablinds.com