

MOTORIZED OPERATORS

TECHNICAL DATA SHEET

Cascadia Windows & Doors offers motorized operators for many of the Universal Series™ operable windows, allowing for increased design flexibility and enhanced control for out-of-reach windows and smart buildings.

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PHOTO: Gilkey International Middle School, Portland OR

[CASCADIAWINDOWS.COM](https://cascadiawindows.com)

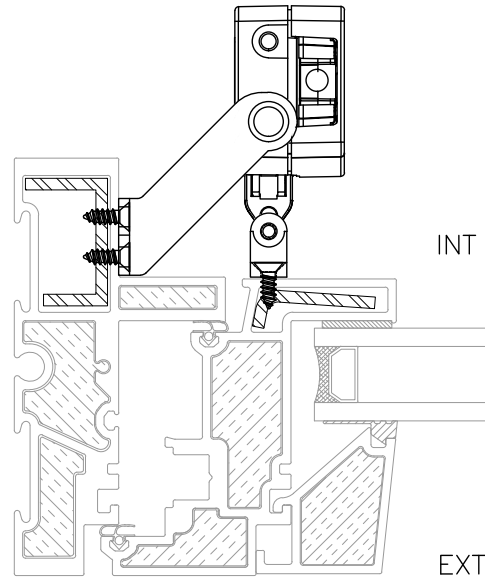
CASEMENT

Built for high-performance ventilation and seamless smart building integration, this next-generation operator combines refined engineering with versatile compatibility. Enhanced cable routing options and smooth operating force minimize mechanical stress on the sash for smoother operation and longer-lasting durability.

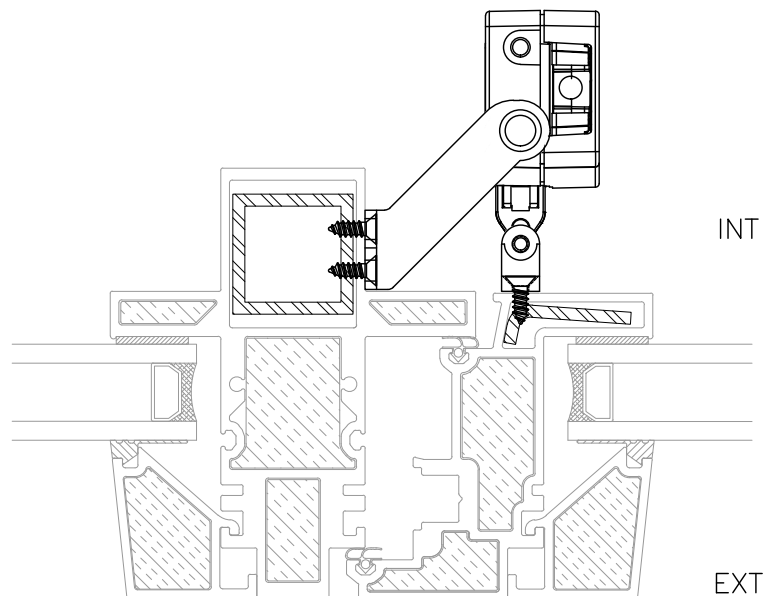
The commercial-grade VCD 204 motorized operator from Automated Fenestration Inc. offers a durable solution for automated ventilation. It integrates easily with building and home automation systems, gently controls window openings to reduce mechanical stress, and now features improved cable routing for greater placement flexibility, cleaner frame integration and broader compatibility.

- Fully programmable and compatible with casement (outswing), awning and hopper windows
- Discreet, flexible solution for out-of-reach and automated applications
- Fine-tuned force curve extends component life
- Centered operator position for a balanced look (additional operators may be required based on window size)
- Reversible cable exit improves placement flexibility and frame integration
- Clean, efficient installation with enhanced cable routing (in-frame wire routing available)
- Expanded compatibility with a wider range of window styles and controls

Note: Screens are not available with motorized operators. Windows must be within maximum sizes listed on website.



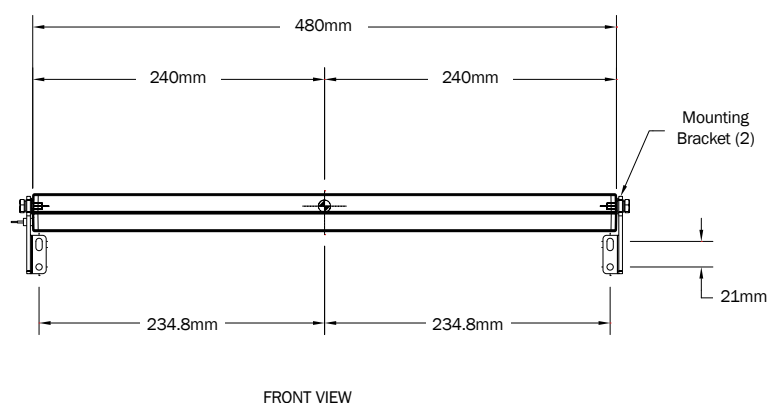
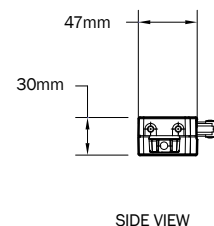
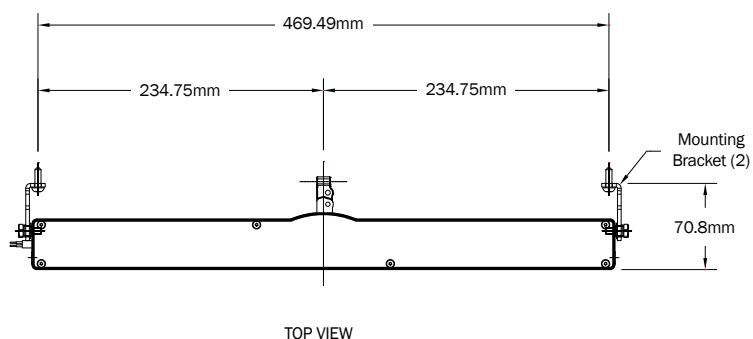
Motorized Operator (VCD 204) Casement Jamb



Motorized Operator (VCD 204) Casement Mullion

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FEATURES

- Push/Pull force: 200N (45 lbs +/- 3%)
- 8'-2" (2.5m) connection cable with interconnect plug
- TMS+ tandem safety function for operating 2 drives on one sash
- 9.84" (250mm) or 13.78" (350mm) chain operator, option of chain stroke programmings via magnet
- Programmable drive functions and different drive parameters
- Supply Voltage of 24VDC (-15% / +50%), with nominal current draw of $\approx 0.35A$ at 200N load
- Active closing edge protection (time controlled reversing when an obstacle is detected)
- 5-year manufacturer's warranty on operator (requires confirmation of project and installation specs by licensed electrical contractor)

COLOUR OPTIONS:



WHITE
#25.100.06 (250/350mm)



BLACK
#25.100.07 (250/350mm)



SILVER
#25.100.05 (250/350mm)

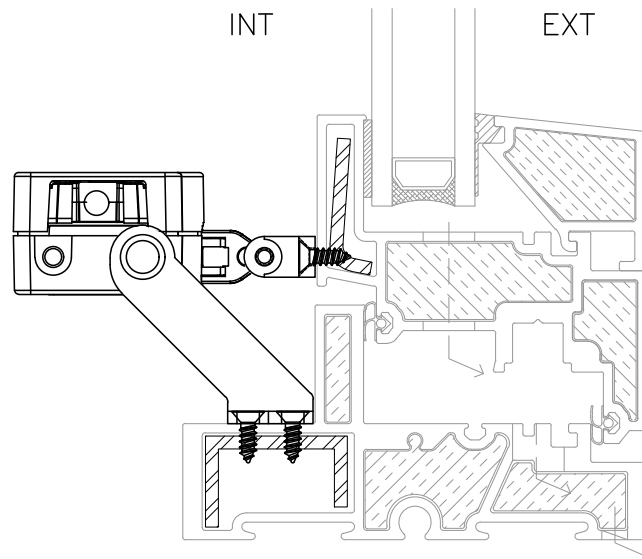
AWNING

Built for high-performance ventilation and seamless smart building integration, this next-generation operator combines refined engineering with versatile compatibility. Enhanced cable routing options and smooth operating force minimize mechanical stress on the sash for smoother operation and longer-lasting durability.

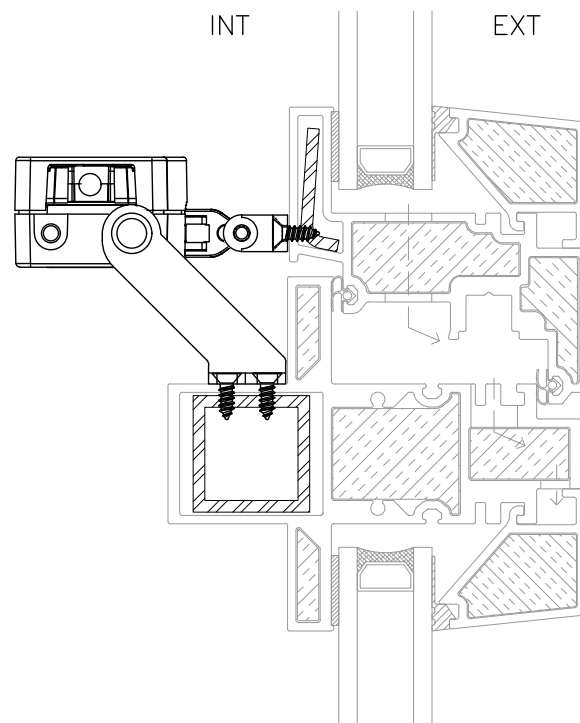
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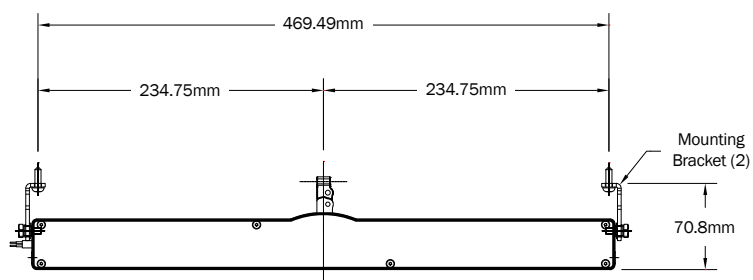
Motorized Operator (VCD 204) Awning Sill



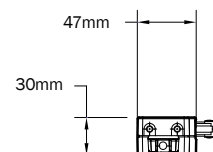
Motorized Operator (VCD 204) Awning Mullion

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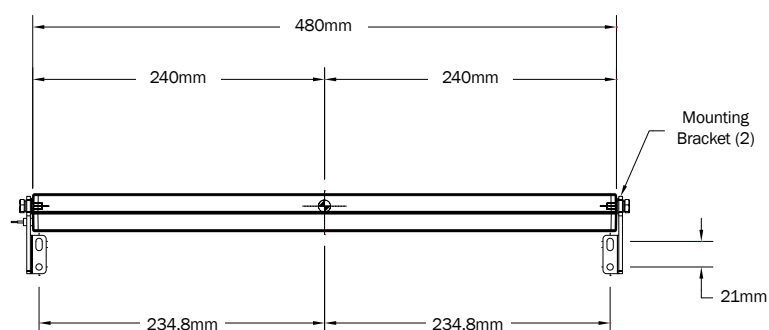
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TOP VIEW



SIDE VIEW



FRONT VIEW



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BLACK

#25.100.07 (250/350mm)



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#25.100.05 (250/350mm)

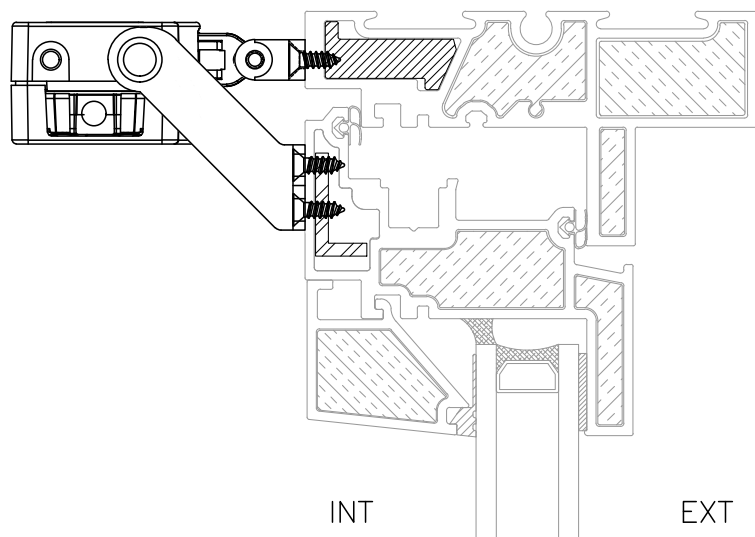
HOPPER

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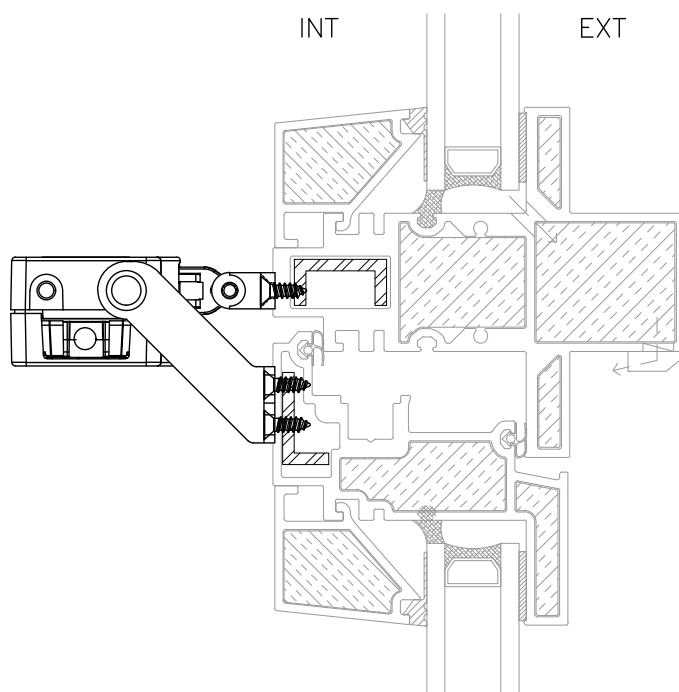
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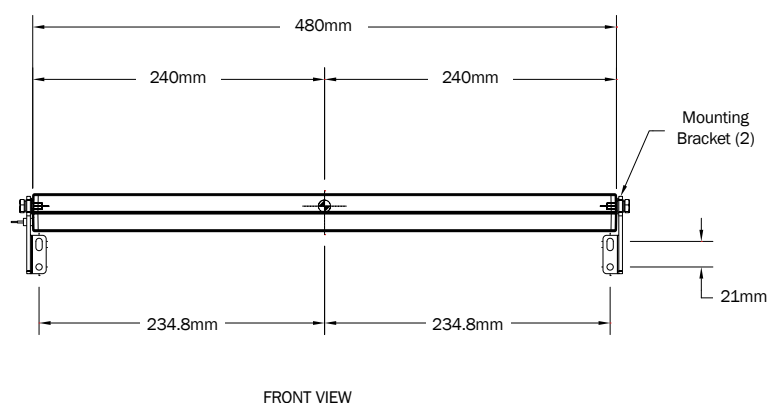
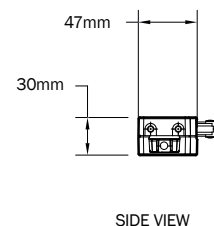
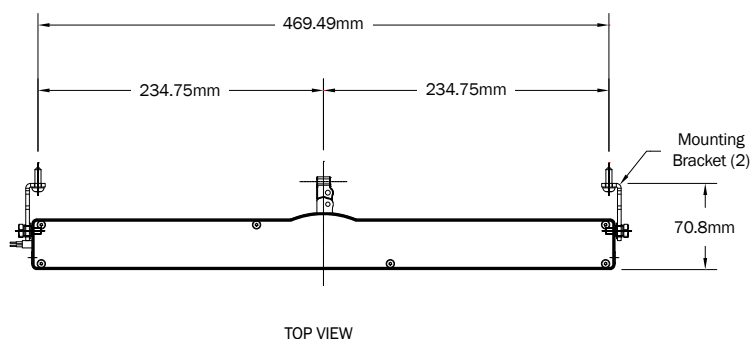
Motorized Operator (VCD 204) Hopper Head



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