

YKK ap[®]

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Dover Area High School - Dover, PA

YOV SSG

Zero Sightline, Operable Vent for SSG Curtain Wall and Window Wall

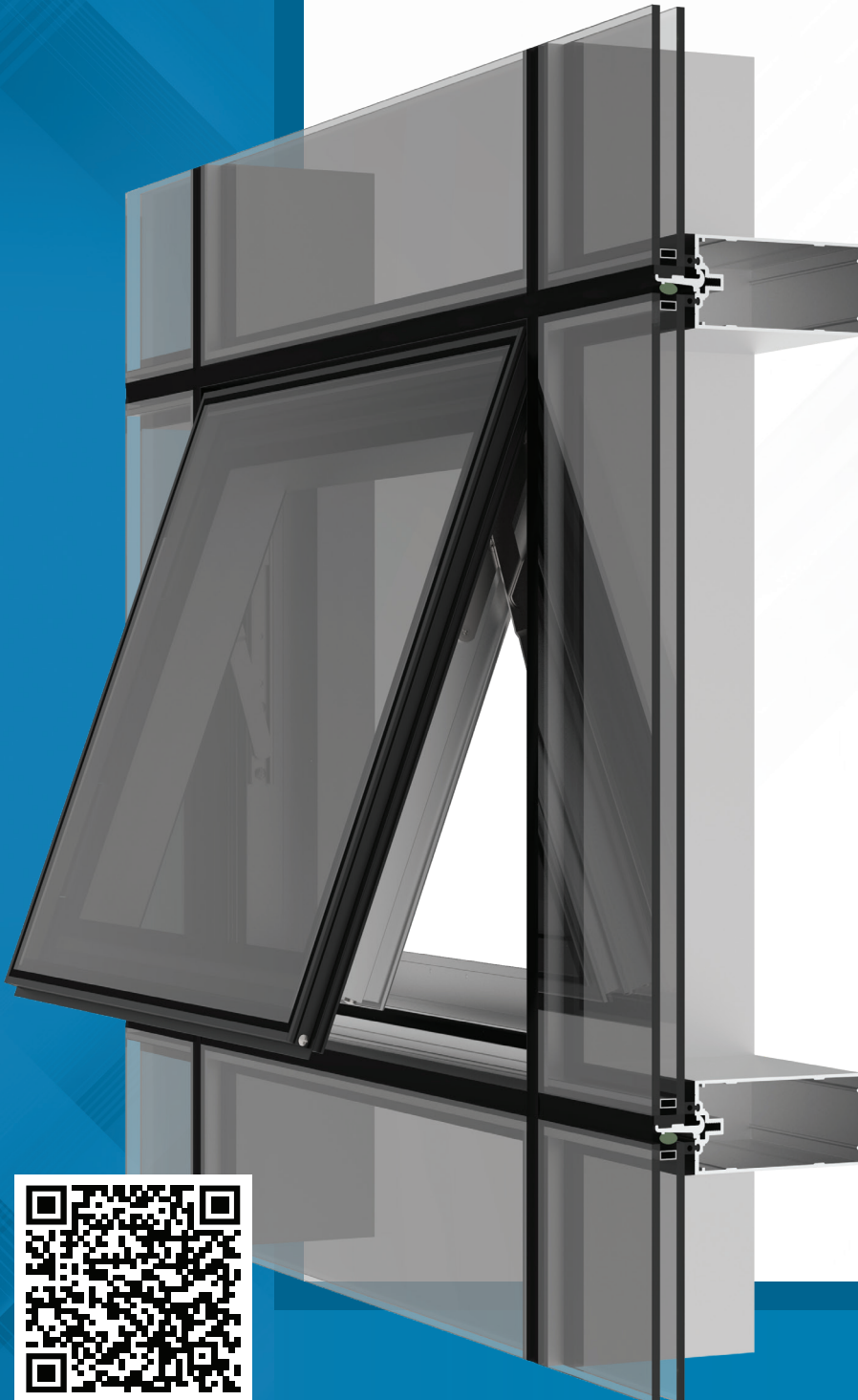
The YOV SSG Vent enables designers to provide ventilation to architectural aluminum wall systems without adding the large sight line of traditional windows, as it seamlessly blends with the surrounding framing system to become virtually invisible when viewed from the exterior. This product is an excellent choice for schools, offices and other structures requiring ventilation.

- Glazes into 4-sided Curtain Wall or Window Wall (Field or Shop Glazed) or any 1, 2, or 3-sided vertical combination of SSG and or fully Captured systems
- Glass bonds to frame without need for additional retainers, providing a clean look
- Tinted glass option for more aesthetic look
- Heavy Duty, Stainless Steel hinges and Standard White Bronze cast locking hardware
- Vent and Frame Multi-Point Locks available
- Factory glazing and screens available

Thermal Values:

U-Factor:	Values as low as 0.31*
CRF:	Minimum 73 frame and 72 glass

*Based on AAMA 507. Lower values may be achieved through further simulation.

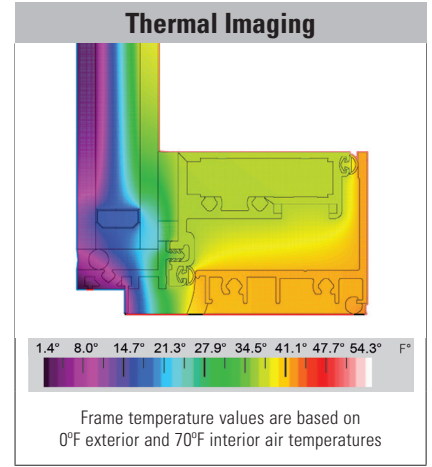


YOY SSG SPECS		
Base Depth	2-3/4"	
Sightline	0"	
Config	Project Out / Casement Out	
Tested Glass	1" IGU with Low-E (C.O.G. U-Factor: 0.29)	
Test	Results	Standards
Air Infiltration	0.10 CFM/FT ² (1.85 m ³ /h·m ²) @ 6.24 PSF (299 Pa)	ASTM E 283
Water Infiltration	Static: 15 PSF (718 Pa) Dynamic: 15 PSF (718 Pa)	ASTM E 331 AAMA 501
Acoustical (1" IGU)	Standard STC: 35 Standard OITC: 28	ASTM E 90 ASTM E 1425
	Laminated STC: 36 Laminated OITC: 28	

Thermal Performance								
Window Config	U-Factor - BTU/hr·ft ² ·°F						CRF	
Awning (Outswing)	0.42	0.40	0.38	0.37	0.35	0.33	73	73
Casement (Outswing)	0.39	0.38	0.36	0.34	0.33	0.31	73	72
Center of Glass	0.30	0.28	0.26	0.24	0.22	0.20	Frame	Glass
AAMA 507							AAMA 1503	

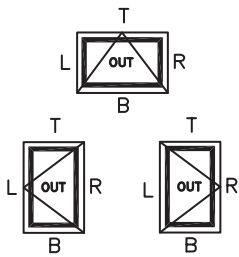
Finish Options	
Type	Standard
Factory Anodized	AAMA 612
Organic Paints	AAMA 2604 AAMA 2605

Structural Performance
AW Performance Grade 70 AW Performance Grade 100 with Project Out and VMPL Hardware
Oversized Vent Option
Up to 58 x 93 with AW Performance Grade 55 (Project Out)

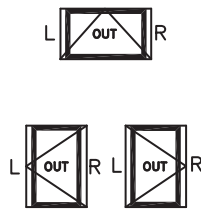


Configurations

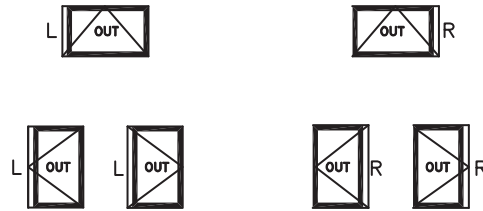
4-sided SSG



2-sided SSG Vertical



1-sided SSG Vertical



Hardware

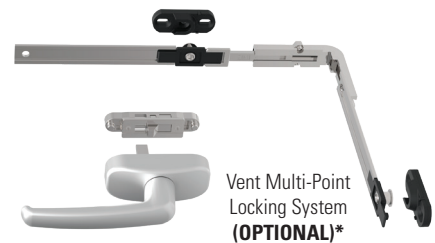
Cam Handle Lock System
(STANDARD)



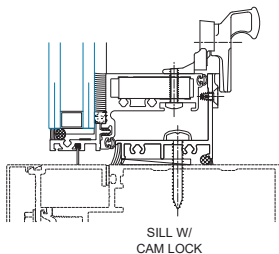
Roto Handle for Project-Out
(OPTIONAL)



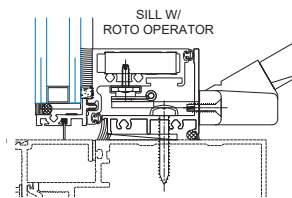
Frame Multi-Point Locking System
(OPTIONAL)



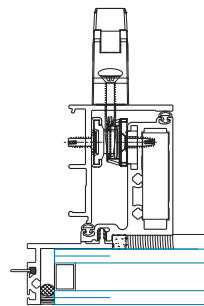
*STANDARD for AW 100



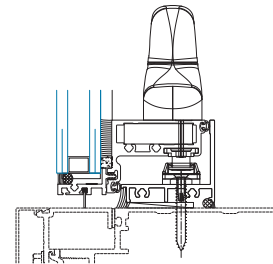
SILL W/
CAM LOCK



SILL W/
ROTO OPERATOR



JAMB W/ FRAME
MULTI-POINT LOCK



SILL W/ VENT
MULTIPOINT LOCK

Also Available: Wicket Screens (10" Door or Full Door) and a Limit Device (Approved for NYC)

Additional information including CAD details, CSI specs, test reports and installation instructions are found on the Product Guide by clicking this link or visiting www.ykkap.com/commercial/productguide