



Wall-Mount Isolation and Sound Curbs

WMICF5 Series Isolation Curb

WMICF5-* series is designed for use with a Bard Wall-Mount Air Conditioner or Heat Pump to lower interior sound levels.

- Uses existing wall openings
- Isolates vibrations and prevents energy transfer through the wall
- Compatible with any Bard Wall-Mount (listed below) produced since May 1992
 - CH3S, CH4S, CH5S (Front Outlet) *
 - WA38-61
 - WA/WH/WL42-60
 - WA/WL70-72
 - SH/WH38-61
 - WA3S, WA4S, WA5S
- Two color options 'X'=beige or '4'= Buckeye Gray
- Physical Dimensions 44.5" width x 85.0" height x 4.0" depth
- Refer to WMICF5 application table for unit compatibility.
- For additional information see Installation Instructions 7960-528A.
- Part Numbers: WMICF5-X or WMICF5-4

PATENT PENDING

* Requires return air opening panel on curb to be rotated 180 degrees, which results in 6-inch spacing between SA & RA to align with CH-Series design.

MIS-2105

WMSC5 Series Sound Curb

WMSC5-* series is designed for use with a Bard Wall-Mount Air Conditioner or Heat Pump to lower interior sound levels.

- Requires return opening to be raised. (See Note 3)
- Modified return air opening lowers sound transmission into the structure.
- Isolates vibrations and prevents energy transfer through the wall.
- Additional sound attenuation material reduces sound transmission through the return air opening.
- Compatible with any Bard Wall-Mount (listed below) produced since 1992
 - WA38-61
 - WA/WH/WL42-60
 - WA/WL70-72
 - SH/WH38-61
 - WA3S, WA4S, WA5S
 - CH3S, CH4S, CH5S (Front Outlet)
- Two color options 'X'=beige or '4'= Buckeye Gray
- Physical Dimensions 44.5" width x 85.0" height x 9-5/16" depth
- Refer to WMSC5 application table for unit compatibility.
- For additional information see Installation Instructions 7960-527A.
- Part Numbers: WMSC5-X or WMSC5-4

PATENT PENDING

MIS-2104 A

¹ Supply/Return air opening position and grille size is standard based on unit model numbers.

² Standard supply/return air opening spacing based on unit model number (30 inches).

³ Supply air size and location in standard position for unit model number. Return air size is standard with return opening location raised. Spacing between supply air and return air openings is 6 inches, which is optimal spacing, and can be converted to 12 inches if needed for ducted applications and depending upon ceiling construction.

WMICF5 - Isolation Curb Application Table					
Bard Model	Non-Ducted Applications		Ducted Applications		Max ESP ("WC)
	Approved Applications	Required Blower Speed Setting	Approved Applications	Required Blower Speed Setting	
WA/WH/WL42 WA/WH/WL48 WA/WH/WL60 WA/WL70 ² WA/WL72 ²	Yes	Set Based On ESP & CFM Requirements	Yes	Set Based On ESP & CFM Requirements	0.50 0.50 0.50 0.50 0.50
WA/SH/WH38 SH/WH43 WA/SH/WH49 WA/SH/WH61 ²	Yes	Set Based On ESP & CFM Requirements	Yes	Set Based On ESP & CFM Requirements	0.20 0.20 0.20 0.20
WA3S WA4S ² WA5S ²	Yes	Self-Regulating	Yes	Self-Regulating	0.80 0.80 0.80
CH3S ³ CH4S ^{2,3} CH5S ^{2,3}	Yes	Self-Regulating	Yes	Self-Regulating	0.50 0.50 0.50

² Installation requires additional mounting holes drilled into the Wall-Mount mounting flange.

³ Requires return air opening panel on curb to be rotated 180 degrees, which results in 6-inch spacing between SA & RA to align with CH-Series design.

WMSC5 - Sound Curb Application Table					
Bard Model	Non-Ducted Applications		Ducted Applications		Max ESP ("WC)
	Approved Applications	Required Blower Speed Setting	Approved Applications	Required Blower Speed Setting	
WA/WH/WL42 WA/WH/WL48 WA/WH/WL60 WA/WL70 ¹ WA/WL72 ¹	Yes	Low High High High High	Yes	High Speed	0.40 0.30 0.40 0.40 0.40
WA/SH/WH38 SH/WH43 WA/SH/WH49 WA/SH/WH61 ¹	Yes	Low Medium Medium High	No	N/A	N/A N/A N/A N/A
WA3S WA4S ¹ WA5S ¹	Yes	Self-Regulating	Yes	Self-Regulating	0.50 0.50 0.50
CH3S ² CH4S ^{1,2} CH5S ^{1,2}	Yes	Self-Regulating	Yes	Self-Regulating	0.50 0.50 0.50

¹ Installation requires additional mounting holes drilled into the Wall-Mount mounting flange.

² Requires return air opening panel on curb to be rotated 180°, which results in 30-inch spacing between SA & RA to align with CH-Series design.

PATENT PENDING