

QuietLite

Sound Control Windows

Ideal for Masonry Construction, Single Wall
or Double Wall Drywall Construction

- Radio/TV Studios
- Control Rooms
- Schools
- Recording Studios
- Engine Test Cells
- Mechanical Rooms
- Machinery Enclosures
- Factory Offices
- Guard Houses



Model "HM" Windows

- Hollow metal design
- Fixed frame or split frame
- STC rating from 48 to 57 (higher for triple-glazed)
- Glazing from 1/4" to 1 – 3/16" thick
- Straight or sloped glass design
- Custom sizes available

Wood Windows

- Similar details to "HM" frame
- Fixed frame or split frame design
- Choice of wood species, absorptive treatment and glazing
- Straight or sloped glass design
- High FSTC ratings
- Double or triple glazed
- Custom sizes available

Model "U" Windows

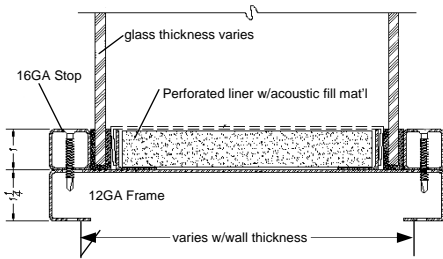
- "U" frame design can fit any wall thickness
- STC ratings from 43 to 51
- Aluminum or rubber glazing channels
- Suitable for use with modular panel systems or standard construction
- Custom sizes available



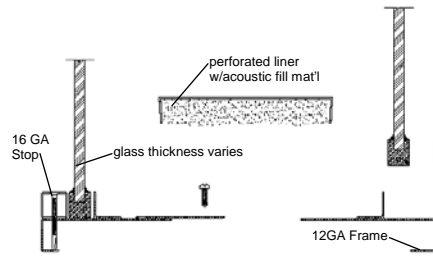


Features

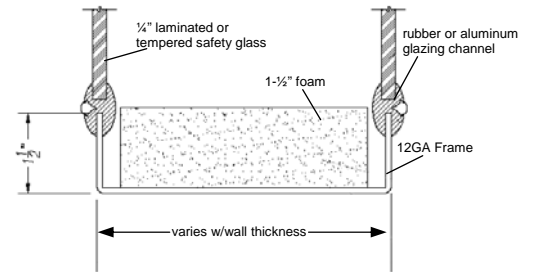
- Ideal for new construction or retrofit applications
- Easy to install
- All window units are factory glazed
- 12 gauge steel frame with 16 gauge stops
- Fixed Frame “HM” or “U” frame designs
- “Split frame” HM design available
- Glazing does not need to be removed to install window units
- Prime-painted standard finish
- Guaranteed acoustical performance



“HM” Frame Design



“Split-Frame” Design



“U” Frame Design

Acoustic Performance Data

Note: STC will increase with thicker glazing and greater air gap between glazing units. Consult with factory.

	1/3 Octave Band Center Frequency, Hz																			STC
	100	125	160	200	250	315	400	500	630	800	1K	1.25K	1.6K	2K	2.5K	3.15K	4K	5K		
Sound Transmission Loss Data, dB																				
U-4-43	25	27	28	32	36	36	39	40	43	45	50	52	49	41	41	46	52	55	43	
U-11-51	37	36	37	36	40	42	46	47	51	55	57	59	57	54	57	58	59	59	51	
UF-6-54	37	36	39	40	46	47	48	50	53	55	57	57	58	59	60	61	63	65	54	
HM-BRG-8-48	40	37	36	40	44	44	46	47	49	50	45	44	46	52	55	54	53	56	48	
HM-4-49	35	35	31	32	40	40	44	45	50	53	54	55	56	58	59	60	61	62	49	
HM-6-53	38	38	35	39	43	45	48	49	52	54	56	57	58	59	60	61	62	64	53	
HM-11-53	39	34	40	39	43	46	51	52	53	55	54	54	57	60	64	66	67	67	53	
HM-11-54	38	38	38	42	45	47	49	49	53	55	55	57	58	59	57	58	59	59	54	
SF-11-57	-	42	43	48	48	52	54	55	56	54	53	57	58	59	59	61	62	-	57	

All tests performed by Riverbank Acoustical Laboratories, an independent NVLAP accredited acoustical testing facility. The test method conforms with ASTM Designations E90-02 and E413-87.



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