

Feb 3, 2020

Re: U-Factor and Air Infiltration Results for C.H.I. Commercial Sectional Doors.

ANSI/DASMA 105-2012 is the American National Standard for testing thermal transmittance and air infiltration of garage doors. ASTM E283-12 is the American Standard Test Method for determining rate of air leakage through exterior windows, curtain walls, and doors under specified pressure differences across the specimen.

C.H.I Overhead Doors has conducted independent third-party tests for thermal transmittance (U-Factor) and air infiltration in accordance with these standards and achieved the following results:

C.H.I. MODEL	IECC U-FACTOR REQUIRMENTS	C.H.I. TESTED U-FACTOR (Lower is Better)	IECC AIR INFILTRATION REQUIRMENTS	C.H.I. TESTED AIR INFILTRATION WITH VINYL DOORSTOP (Lower is Better)	C.H.I. TESTED AIR INFILTRATION WITH CLIP ON JAMB SEAL (Lower is Better)
3206*	0.37	0.20	0.40 CFM/FT2	0.15 CFM/FT2	0.20 CFM/FT2
3212*	0.37	0.19	0.40 CFM/FT2	0.10 CFM/FT2	0.17 CFM/FT2
3216*	0.37	0.19	0.40 CFM/FT2	0.10 CFM/FT2	0.17 CFM/FT2
3236*	0.37	0.12	0.40 CFM/FT2	0.15 CFM/FT2	0.14 CFM/FT2
3297**			0.40 CFM/FT2	0.20 CFM/FT2	

*Testing does not apply with windows, exhaust ports, or pass doors

**Testing does not apply with pass doors

Sincerely,

Brad Edwards
Commercial Product Manager

References:

<http://www.dasma.com/PDF/Publications/Standards/105-2012.pdf>
<https://www.astm.org/Standards/E283.htm>