



HI-R-H Full HIGH UTILITY JAMB BLOCK*
 UNITS - R_T Values (hr ft²F°/BTU) U-FACTOR (BTU/hr ft²F°)

TYPE OF BLOCK (inches)	DENSITY OF CONCRETE BLOCK Lbs/Cu ft					
	85	95	105	115	125	135
UNGROUTED						
12 X 8 X 16 Spec-Brik Hi-R-H Full High Utility Jamb Block						
R _T VALUE	14.53	13.26	11.99	10.72	9.54	8.43
U FACTOR	0.07	0.08	0.08	0.09	0.10	0.12
Heat Capacity (HC)	7.62	8.52	9.41	10.31	11.21	12.10
Equivalent Thickness	5.50	5.50	5.50	5.50	5.50	5.50

TYPE OF BLOCK (inches)	DENSITY OF CONCRETE BLOCK Lbs/Cu ft					
	85	95	105	115	125	135
GROUTED						
12 X 8 X 16 Spec-Brik Hi-R-H Full High Utility Jamb Block						
R _T VALUE	14.39	13.13	11.87	10.61	9.45	8.34
U FACTOR	0.07	0.08	0.08	0.09	0.11	0.12
Heat Capacity (HC)	11.97	13.38	14.78	16.19	17.60	19.01
Equivalent Thickness	8.64	8.64	8.64	8.64	8.64	8.64

Revised 8-29-2019
 PW Grycel

**B' INSULATION INSERT THICKNESS HAS 0.561 ADDED (2.061 total)
 OUTER SIDEWEBS ARE 0.875 THICK AT INSERTS
 INSULATION LENGTH =13.812**

* REFERENCES - www.cbisinc.com, Technical Library Section PDF File No. 316 (Development of HI-R Block R-Values)

Insulated concrete blocks specified for any project must certify that the R-Values they publish comply with the calculation procedures outlined in the National Concrete Masonry "Thermal Catalog of Concrete Masonry Assemblies" which is based on The American Society of Heating, Refrigerating and Air-Conditioning Engineers Standard 90.1. Further, Concrete Block Insulating Systems certifies the Thermal R-Values listed do comply with the above stated calculation procedure.

Concrete Block Insulating Systems
 P.O. Box 1000
 Freight House Road
 West Brookfield, MA 01585-1000

508.867.4241
 800.628.8476
 Fax: 508.867.5702

www.cbisinc.com
 E-mail: korfil@cbisinc.com
 Member of NCMA and EPSMA