KNIGHT® WALL SYSTEMS

HCI SYSTEM
PERFORATED CLADDING SUPPORT GIRT

APPLICATION

The HCI System supports a wide range of claddings over code-compliant continuous insulation and can be installed horizontally over steel studs, wood studs, CMU, or concrete. Cladding may be attached directly to the HCI-GIRT or via secondary rails. Maximum supported weight and wind pressures will vary depending upon the spacing of the rail, assembly thickness, and back-up wall to which they attach.

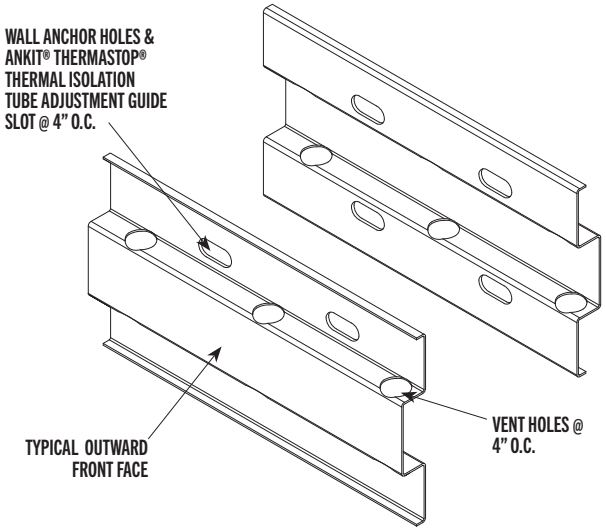
HCI-GIRT PROPERTIES

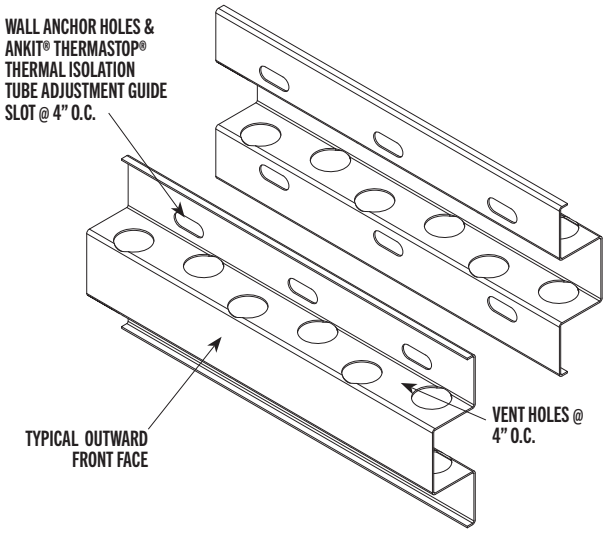
SERIES		*75*	*150*
DEPTH		*0.75"*	*1.50"*
NET FREE AREA (VENTILATION)		*14.70%*	*26.20%*
WEIGHT (LBS/FT)	18-GA	*1.03*	*1.25*
	16-GA	*1.29*	*1.57*

MATERIAL PROPERTIES & OPTIONS

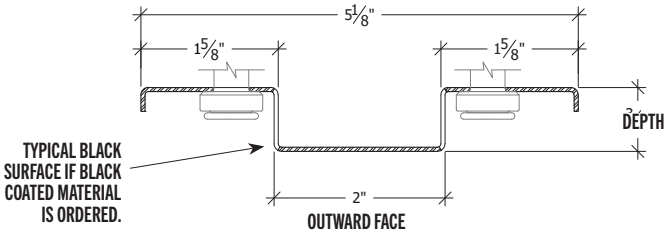
MATERIAL TYPE		*ASTM A1046 ZM40 Steel or 304 Stainless Steel**
DESIGN STEEL THICKNESS	18-GA	*0.0484 inches*
	16-GA	*0.0579 inches*
MIN. STEEL THICKNESS	18-GA	*0.046 inches*
	16-GA	*0.055 inches*
YIELD STRESS, Fy		*50 ksi*
AVAILABLE FINISHES		*Standard Mill or Black PVDF*
STANDARD LENGTH		*120 inches Standard (96 inches Available)*

Properties are for ZM40 steel products only, contact KWS for stainless steel.
*Asterisk identifies non-standard items - availability & additional cost vary.
All dimensions & weights are nominal.
Black coated components are only coated on one side; opposite side is primed.
Contact KWS to confirm availability - most standard items typically ship within two weeks (quantity dependent).
See system specific guide details for further information on design, detailing and installation.





PRODUCT SPECIFICATIONS



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