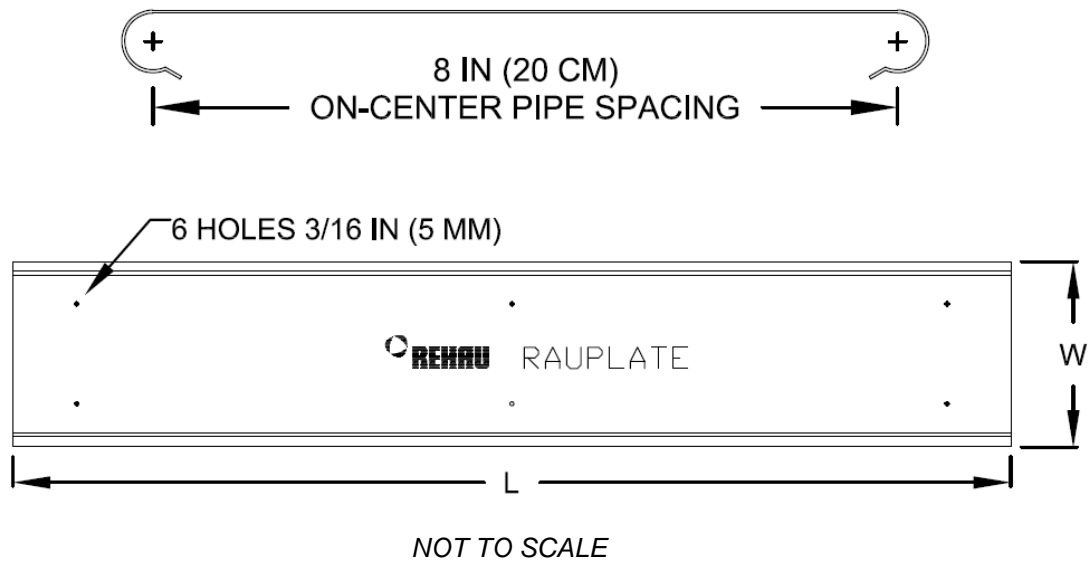


PRODUCT SUBMITTAL 560

Product: RAUPLATE™ Joist Space Heat Transfer Plate

Date: 30 July 2014 (supersedes 24 July 2014)



Article No.	Description	Length L in (cm)	Width W in (cm)	Unit Weight lb (kg)
298926-001	RAUPLATE Heat Transfer Plate for 1/2 in. RAUPEX®	47 (119)	8.7 (22)	1.5 (0.7)

TECHNICAL DESCRIPTION

Material	Aluminum, 0.032 in (0.8 mm) thick
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FUNCTIONAL DESCRIPTION

RAUPLATE heat transfer plates are designed for radiant heating systems for new construction and retrofit installations. Aluminum heat transfer plates are used in joist space installations to enhance heat transfer and improve efficiency. RAUPLATE heat transfer plates are a higher performing alternative to talon-up joist space construction methods. RAUPLATE is designed with two pipe channels and pre-drilled holes to make installation fast and easy. RAUPLATE is screwed to the underside of the subfloor in the joist space and 1/2 in. RAUPEX pipe snaps into the plates for a convenient installation. Radiant floor heating systems are quieter than many other heating systems, but no one can ever guarantee that a heated floor will be noise free. By following proper installation practices and observing all manufacturers' recommendations, noise during heating system operation can be minimized. For additional precautions refer to REHAU *Technical Bulletin 257, Minimizing Noise in Heated Panel and Plate Systems*.

MATERIAL PLANNING

For quick estimating purposes, the following guidelines may be of use for a typical piping layout. This material estimating information is not intended to be used for any particular project, nor as a final drawing requirement or specification, and is only provided as an aid for quick quotation purposes. REHAU LoopCAD® radiant design software is recommended for calculating material lists for any particular project.

	Joist Spacing	Heated Area ft ²		Material Estimating Factor	=	Estimated Material Requirements
Art. 298926-001 heat transfer plate w/ pipes 8 in. apart	14 in (35 cm) on-center	_____	x	0.19	=	_____ pieces
	16 in (40 cm) on-center	_____	x	0.17	=	_____ pieces
	18 in (45 cm) on-center	_____	x	0.15	=	_____ pieces
	20 in (50 cm) on-center	_____	x	0.13	=	_____ pieces
				Sum Total	Σ	_____ pieces