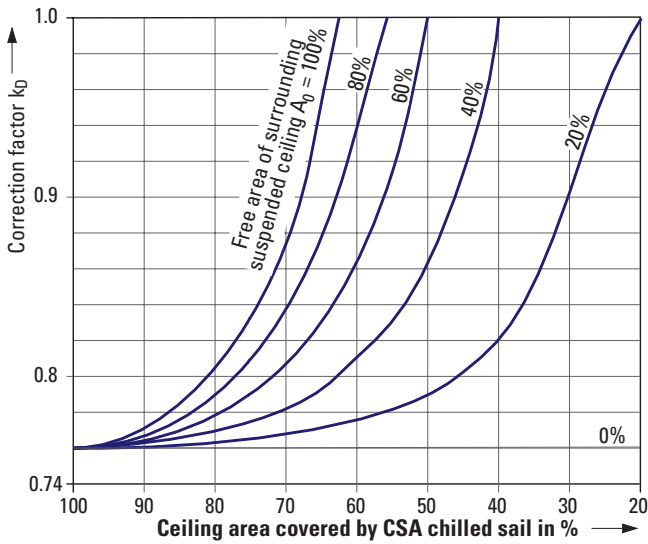


PARABOLIC SAILS - COOLING OUTPUTS

RADIANT PARABOLIC SAIL COOLING CAPACITY			Twa
Room Air Temperature minus Mean Water Temperature (°F)	10	27	Absorbed Energy (BTUH/ft²)
	11	30	
	12	33	
	13	36	
	14	40	
	15	43	
	16	46	
	17	50	
	18	53	
	19	56	
	20	60	
			Manufacturing the FRENGER® Product Line
			Twa Panel Systems, Inc.

FLUID : Water

RADIANT PARABOLIC SAIL COOLING CAPACITY			Twa
Room Air Temperature minus Mean Water Temperature (°C)	5	73	Absorbed Energy (W/m²)
	5.5	83	
	6	93	
	6.5	102	
	7	111	
	7.5	120	
	8	129	
	8.5	135	
	9	148	
	9.5	159	
	10	167	
			Manufacturing the FRENGER® Product Line
			Twa Panel Systems, Inc.



Correction factor k_D for the influence of the free area (A_0) of the surrounding ceiling and the covered area on the cooling output (applies to metal ceilings with thickness 's' < .04 in. (1 mm))



PARABOLIC SAIL COOLING OUTPUT TABLE

IMPERIAL & METRIC

DATE:
July 2016