

PRODUCT ASSEMBLY GRID	SELECT (MARK)	<h1 style="text-align: center;">INFRARED SELECTION TABLE</h1> <p style="text-align: center;">Product Assembly: STEPS # 1 - # 5</p>					
STEP #1 BURNER TYPE	SELECT AS REQ'D	ASHRAE / INDUSTRY TYPE		DESCRIPTION OF HEATER SELECTED			
		<input type="checkbox"/> TYPE 1b	<input type="checkbox"/> TYPE 1b - SINGLE STAGE	<input type="checkbox"/> TYPE 1b - MODULATING VIA MOTOR SPEED			
		<input type="checkbox"/> TYPE 1b/1c	<input type="checkbox"/> TYPE 1b/1c - UNITARY	<input type="checkbox"/> TYPE 1b/1c - MULTI-BURNER			
		<input type="checkbox"/> TYPE 1c	<input type="checkbox"/> HARSH ENVIRONMENT	<input type="checkbox"/> COMMODITY	<input type="checkbox"/> MODULATING		
		<input type="checkbox"/> SPECIFICATION GRADE	<input type="checkbox"/> SINGLE STAGE	<input type="checkbox"/> TWO STAGE			
STEP #2 TUBING MATERIAL AND QUALITY	SELECT AS REQ'D	RADIANT PIPE	TAIL PIPE	TUBING MATERIAL	EMISSIVITY RATING	CORROSION RESISTANCE	
		<input type="checkbox"/>	<input type="checkbox"/>	HOT ROLLED STEEL	.80	NONE	
		<input type="checkbox"/>	<input type="checkbox"/>	HEAT TREATED ALUM	.80	RESISTANT	
		<input type="checkbox"/>	<input type="checkbox"/>	PORCELAIN COATED	.90	HIGHEST RESISTANCE	
		<input type="checkbox"/>	<input type="checkbox"/>	SCHED. '40' STEEL	.93	LOW	
STAINLESS STEEL IS NOT RECOMMENDED AS A HEAT EXCHANGER BECAUSE OF ITS INHERENT LOW EMISSIVITY							
STEP #3 REFLECTOR MATERIAL AND ACCESSORIES	SELECT AS REQ'D	REFLECTOR		REFLECTOR ACCESSORIES			
		STANDARD DESIGN		HIGH EFFICIENCY DESIGN			
		MAX 'IF' 12 (8 SURFACES)		MAX 'IF' 15 (12 SURFACES)		<input type="checkbox"/> TILT AT 45°	
		<input type="checkbox"/> ALUMINUM		<input type="checkbox"/> ALUMINUM		<input type="checkbox"/> UNIVERSAL SHIELD	
		<input type="checkbox"/> STAINLESS STEEL		<input type="checkbox"/> SIDE SHIELD		<input type="checkbox"/> LOW CLEARANCE SHIELD	
				<input type="checkbox"/> BARRIER SHIELD		<input type="checkbox"/> UNIVERSAL SHIELD WITH HOLES	
STEP #4 * VENTING MATERIAL AND ACCESSORIES	SELECT AS REQ'D	* VENTING		VENTING ACCESSORIES			
		NON CONDENSING DESIGN		CONDENSING DESIGN			
		CATEGORY III		CATEGORY IV		<input type="checkbox"/> NEUTRALIZATION SYSTEM	
		<input type="checkbox"/> INFRARED TYPE 1b		<input type="checkbox"/> INFRARED TYPE 1b		<input type="checkbox"/> HIGH WIND VENT HOOD	
		<input type="checkbox"/> INFRARED TYPE 1b/c		<input type="checkbox"/> TJERNLUND VENT HOOD		<input type="checkbox"/> GOOSE NECK ON ROOF	
		<input type="checkbox"/> INFRARED TYPE 1c		<input type="checkbox"/> BIRDSCREEN @ DISCHARGE		<input type="checkbox"/> HIGH TEMP CAULK	
NOTES:	<p>* PER NFPA 54, ANSI Z223.1 NFGC 2018 : 3.3.5.11.3, 3.3.5.11.4, 10.17 AND 12.5.4</p> <p>PRODUCT ASSEMBLY GRID ASSISTS IN IDENTIFICATION OF THE COMPONENTRY USED IN ASSEMBLING AN INFRARED HEATER BASED ON CURRENT AND FUTURE CAN/ANSI/AHRI STANDARD 1330 DOCUMENTATION</p> <p>SPECIFICATION OF HEATERS BASED ON VOLUNTARY PARTICIPATION CAN/ANSI/AHRI STANDARD 1330-2015 AS BASIS OF QUALITY ASSURANCE</p>						
(IF) FACTOR REFERENCE	The rating of units is based on the radiant coefficient, or the percentage of radiant output listed as Infrared Factor (IF)						
	<input type="checkbox"/> 8 > 35% ≤ 40%	<input type="checkbox"/> 10 > 45% ≤ 50%	<input type="checkbox"/> 12 > 55% ≤ 60%	<input type="checkbox"/> 14 > 65% ≤ 70%			
STEP #5	<input type="checkbox"/> 9 > 40% ≤ 45%	<input type="checkbox"/> 11 > 50% ≤ 55%	<input type="checkbox"/> 13 > 60% ≤ 65%	<input type="checkbox"/> 15 > 70%			
ASSEMBLY (IF) FACTOR	(IF) FACTOR IS THE RATING OF UNITS BASED ON THE RADIANT COEFFICIENT OF THE ASSEMBLY : (1) BURNER TYPE, (2) TUBING MATERIAL and (3) REFLECTOR MATERIAL AND DESIGN.				RADIANT PERCENTAGE		
	YOU HAVE SELECTED A PRODUCT WITH AN (IF) FACTOR AS TESTED UP TO:				IF-	%	