

SV Series 20'



SV Series 30'



SV Series 40'



SV Series 50'



SV Series 60'



SV Series 70'

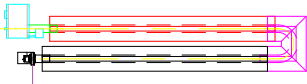


SV Series 80'

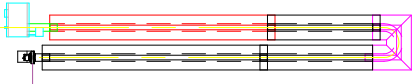


 DETROIT RADIANT PRODUCTS 21400 HOOVER RD WARREN, MI 48089		
DETAILS: SV SERIES BLOCKS - STRAIGHT CONFIGURATION		
DRAWN BY: DRP	SCALE: 1:1	PROJECT:
CHECKED BY:	DATE: AUG. 2024	DRAWING NO: 1

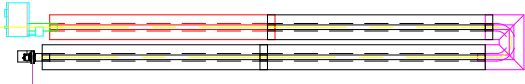
SV Series 20' "U"



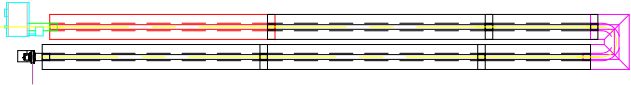
SV Series 30' "U"



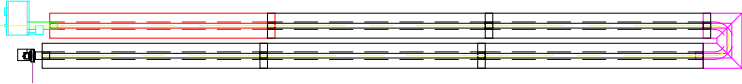
SV Series 40' "U"



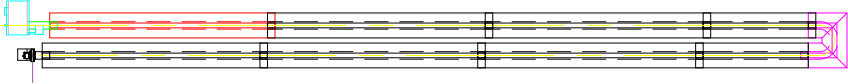
SV Series 50' "U"



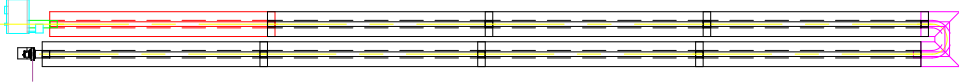
SV Series 60' "U"



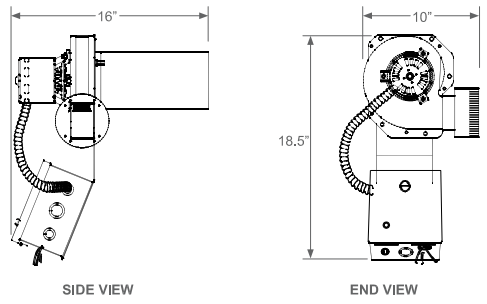
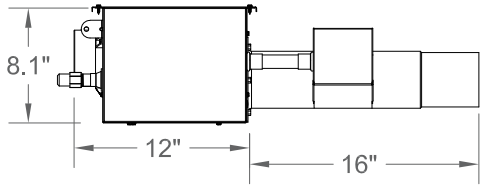
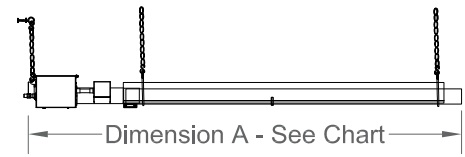
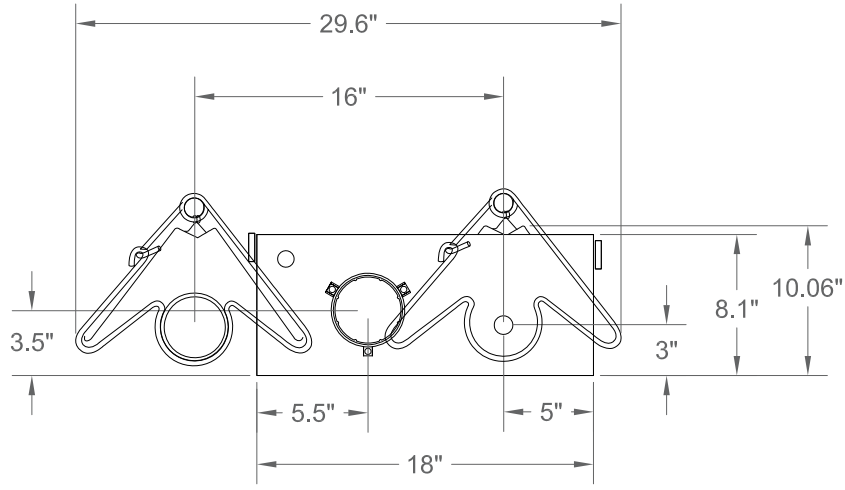
SV Series 70' "U"



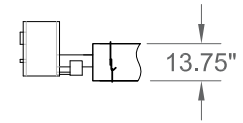
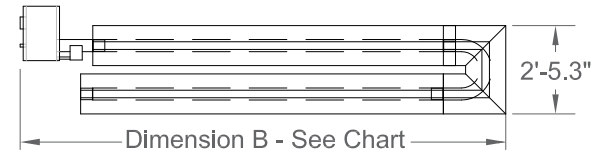
SV Series 80' "U"



REVERBER-RAY DETROIT RADIANT PRODUCTS 21400 HOOVER RD WARREN, MI 48089		
DETAILS: SV SERIES BLOCKS - "U" CONFIGURATION		
DRAWN BY: DRP	SCALE: 1:1	PROJECT:
CHECKED BY:	DATE: AUG. 2024	DRAWING NO: 1



MODEL NUMBER	DIMENSION "A" STRAIGHT	DIMENSION "B" U-TUBE
SV-20	22'-7"	13'-0"
SV-30	32'-3"	17'-8" *
SV-40	41'-11"	22'-8"
SV-50	51'-7"	27'-4" *
SV-60	61'-3"	32'-4"
SV-70	70'-11"	37'-0" *
SV-80	80'-7"	42'



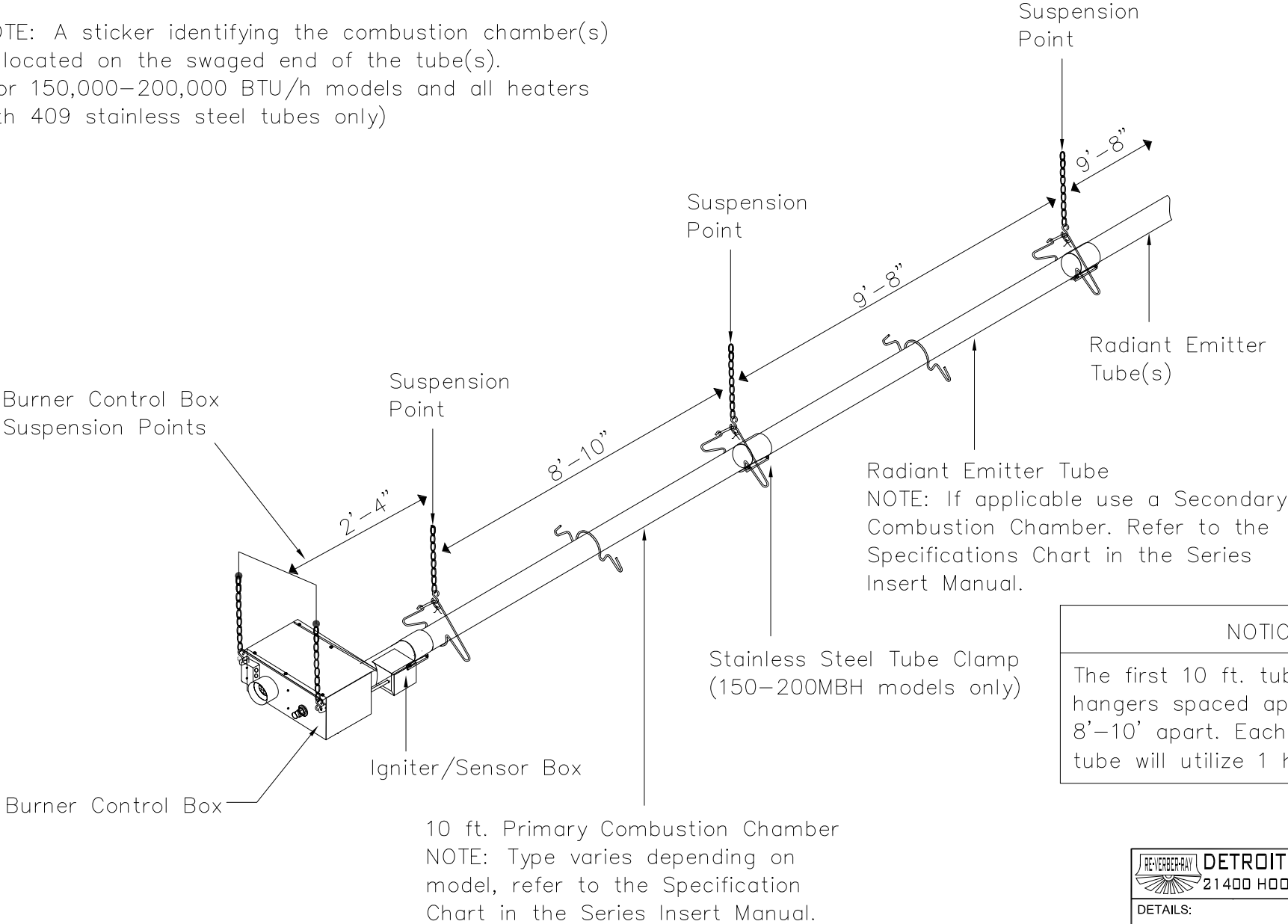


DETROIT RADIANT PRODUCTS
 21400 HOOVER RD WARREN, MI 48089

DETAILS:
 SV SERIES - HEATER DIMENSIONAL DATA

DRAWN BY: DRP	SCALE: NTS	PROJECT:
CHECKED BY:	DATE: AUG. 2024	DRAWING NO: 1

NOTE: A sticker identifying the combustion chamber(s) is located on the swaged end of the tube(s).
(For 150,000–200,000 BTU/h models and all heaters with 409 stainless steel tubes only)

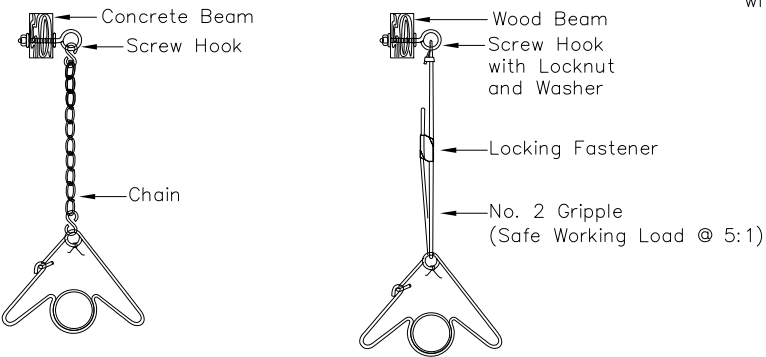
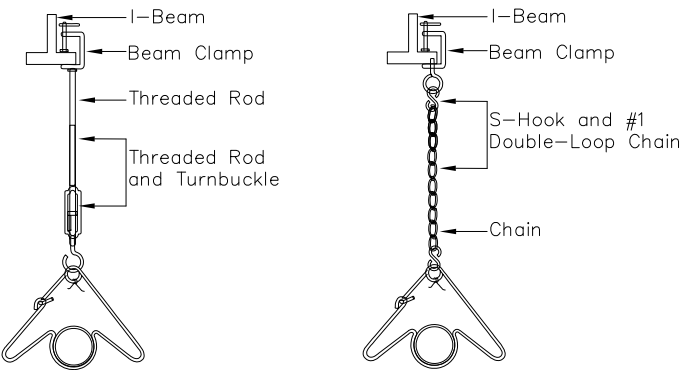


NOTICE

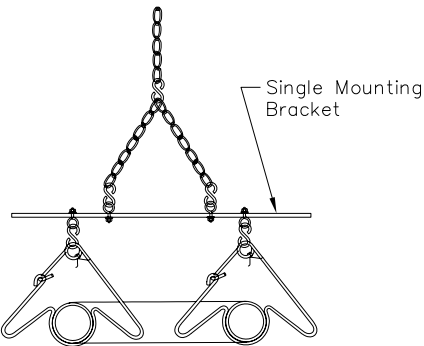
The first 10 ft. tube will utilize 2 hangers spaced approximately 8'–10' apart. Each subsequent tube will utilize 1 hanger.

REVERBER-RAY DETROIT RADIANT PRODUCTS 21400 HOOVER RD WARREN, MI 48089		
DETAILS: V2 - HEATER MOUNTING LAYOUT DETAILS		
DRAWN BY: DRP	SCALE: NTS	PROJECT:
CHECKED BY:	DATE: AUG. 2024	DRAWING NO: 1

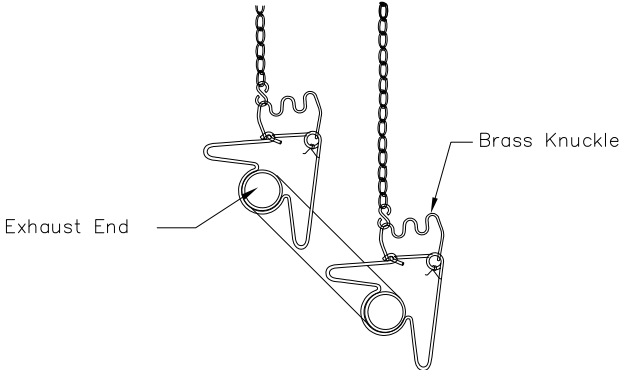
Mounting the Hangers



U-Tube Hanger Mounting Options



U-Tubes can be mounted from a single suspension point using a Single Mounting Bracket (P/N: SMB) with five S-hooks and #1 double-loop chains.

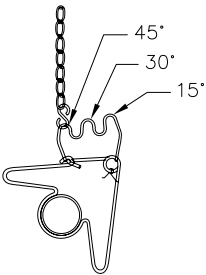


U-Tubes can be mounted at a 15°, 30°, or 45° angle with two suspension points, using two Brass Knuckle (P/N: BK) fittings, #1 double-loop chains and S-hooks.

Angled Hanger Mounting Options



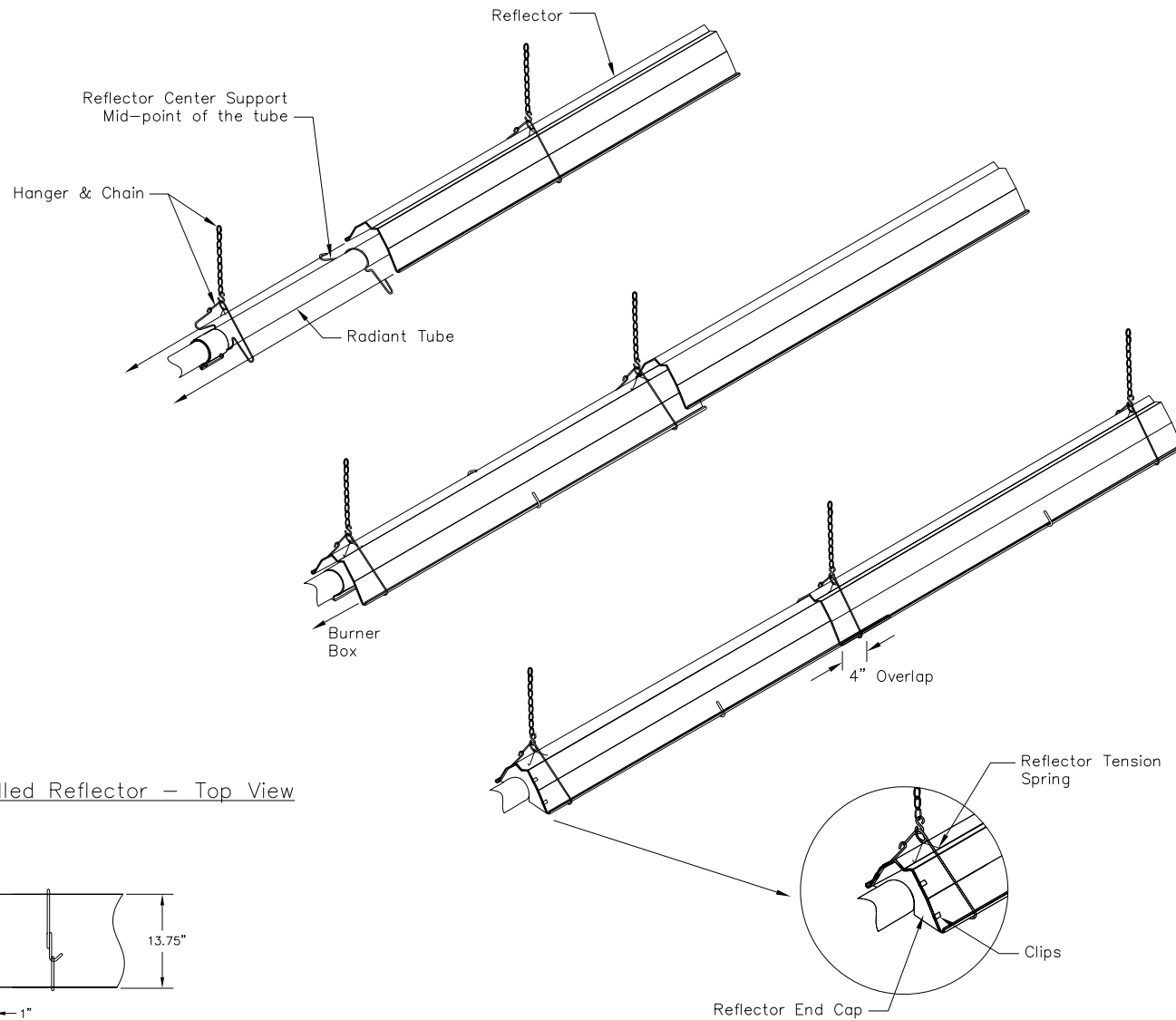
For 45° hanging angle, use two S-hooks and two #1 double-loop chains.



For a variety of hanging angles, use the Brass Knuckle (P/N: BK) fitting with a #1 double-loop chain and S-hook.

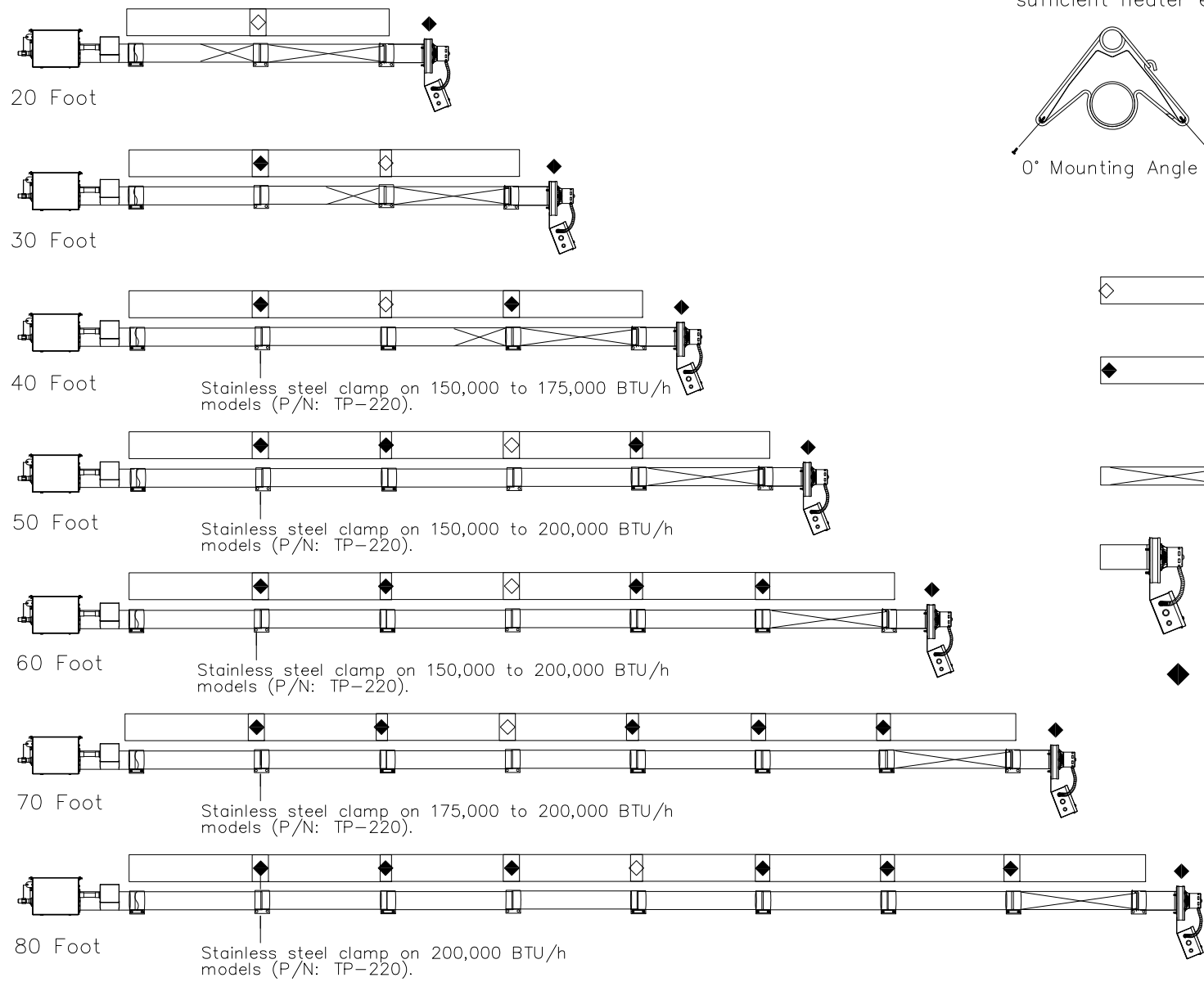
 DETROIT RADIANT PRODUCTS 21400 HOOVER RD WARREN, MI 48089		
DETAILS: HEATER HANGER DETAILS		
DRAWN BY: DRP	SCALE: NTS	PROJECT:
CHECKED BY:	DATE: AUG. 2024	DRAWING NO: 1

Reflector Assembly

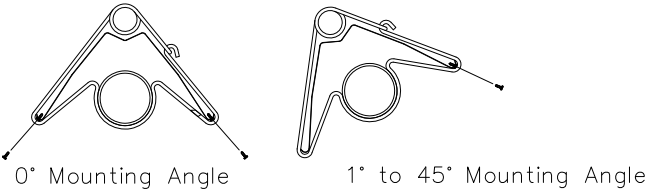


RE-VERBER-RAY DETROIT RADIANT PRODUCTS 21400 HOOVER RD WARREN, MI 48089		
DETAILS: V2 - REFLECTOR ASSEMBLY DETAILS		
DRAWN BY: DRP	SCALE: NTS	PROJECT:
CHECKED BY:	DATE: AUG. 2024	DRAWING NO: 1

Final Heater Assembly
Tube Installation Sequence, Baffle Location and Secured Joints for Reflectors



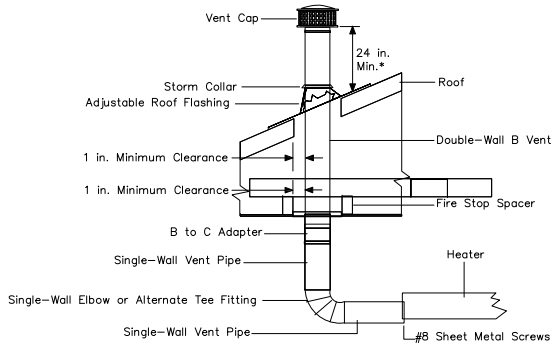
NOTE: When securing joints on reflectors which are rotated on an angle from horizontal, secure joint only on top side of reflector to allow for sufficient heater expansion and contraction.



- Expansion Joint on Reflectors
- Secured Joint on Reflectors See note.
- Baffle Location
- Exhauster Pump Assembly
- Security Chain Location (P/N: THCS)

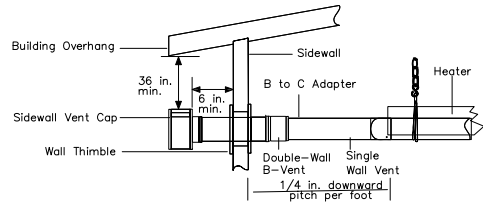
REVERBER-RAY DETROIT RADIANT PRODUCTS 21400 HOOVER RD WARREN, MI 48089		
DETAILS: SV - FINAL HEATER ASSEMBLY DETAILS		
DRAWN BY: DRP	SCALE: NTS	PROJECT:
CHECKED BY:	DATE: AUG. 2024	DRAWING NO: 1

General Vent Requirements

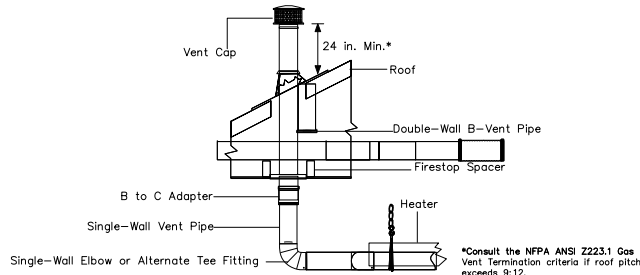


*Consult the NFPA ANSI Z223.1 Gas Vent Termination criteria if roof pitch exceeds 9:12

Sidewall Venting Requirements

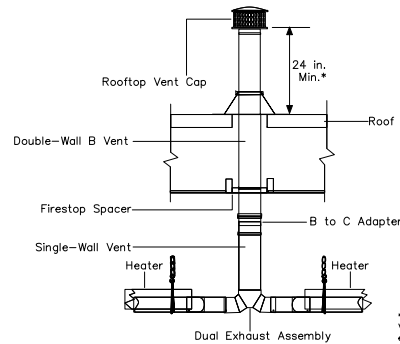


Rooftop Venting – Side View



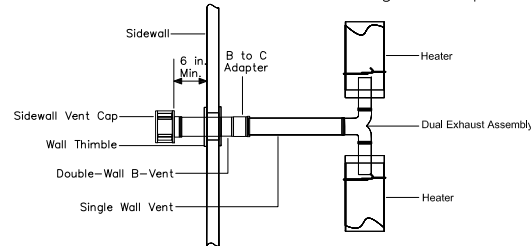
*Consult the NFPA ANSI Z223.1 Gas Vent Termination criteria if roof pitch exceeds 9:12.

Common Rooftop Venting – Side View



*Consult the NFPA ANSI Z223.1 Gas Vent Termination criteria if roof pitch exceeds 9:12.

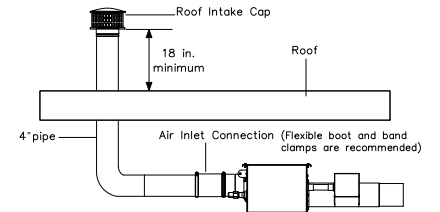
Common Sidewall Venting – Top View



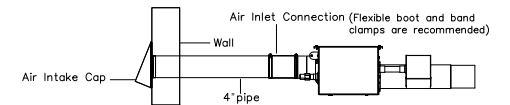
Unvented Operation



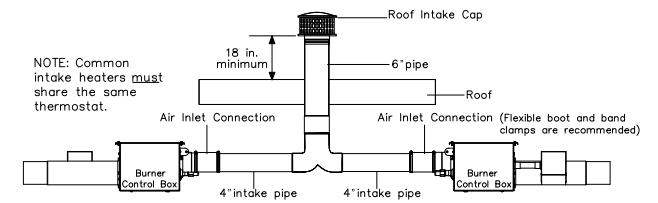
Vertical Outside Air Supply for Single Heater Intake – Side View



Horizontal Outside Air Supply for Single Heater Intake – Side View



Vertical Outside Air Supply for Common Intake – Side View



REVERBER-RAY DETROIT RADIANT PRODUCTS
21400 HOOVER RD WARREN, MI 48089

DETAILS:
V2 - VENTING AND AIR INTAKE DETAILS

DRAWN BY: DRP	SCALE: NTS	PROJECT:
CHECKED BY:	DATE: AUG. 2024	DRAWING NO: 1