

INSTALLATION AND OPERATING INSTRUCTIONS

TABLE OF CONTENTS

2	INTRODUCTION	1.0
3	SPECIFICATIONS	2.0
7	BOILER LOCATION	3.0
	CHS 300-399 COMMON VENTING	4.0
9	ASSEMBLY INSTRUCTIONS	
	TERMINATION OPTIONS	5.0
17	- DIRECT VENT	
21	INSTALLATION CHECKLIST	6.0

IMPORTANT

READ ALL OF THE FOLLOWING WARNINGS AND STATEMENTS BEFORE READING THE INSTALLATION INSTRUCTIONS

DANGER

Danger Sign: Indicates a hazardous situation which, if not avoided, will result in serious injury or death.

Warning Sign: Indicates a hazardous situation which, if not avoided, could result in serious injury or death.

Caution Sign plus Safety Alert Symbol: Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

CAUTION

Caution Sign without Safety Alert Symbol: Indicates a hazardous situation which, if not avoided, could result in property damage.

NOTICE

Notice Sign: Indicates a hazardous situation which, if not avoided, could result in property damage.

A WARNING

This Common Vent System must be installed by a licensed and trained Heating Technician or the Warranty is Void. Failure to properly install this system may result in property damage, serious injury to occupants, or possibly death.

1.0 INTRODUCTION

This manual is to be used in addition to the Installation and Operation Instructions provided with the Slant/Fin CHS Boilers (CHS -40).

General Installation Requirements

The installation of the CHS 300-399 Common Venting system, piping and termination must conform to the requirements of this manual, the Installation and Operation Instructions for the Slant/Fin CHS Boiler, your local authority and the National Fuel Gas Code ANSI Z223.1 and or CAN/CGA B149 Installation Codes. Where required by the Authority, the installation must conform to the standard for; "Controls and Safety Devices for Automatically Fired Boilers ANSI/ASME CSD-1."

The Slant/Fin CHS 300-399 Common Venting contains the components required to manifold the Exhaust Outlet and Combustion Air-Inlet of 2 to 3 CHS 300-399 boilers.

A DANGER

Read and understand this entire document prior to proceeding with the CHS 300-399 Common Venting installation. Failure to follow the instructions outlined in this document will result in property damage, serious injury or death.

Applicable Boiler Models

The Slant/Fin CHS 300-399 Common Venting is designed for use with Slant/Fin CHS 300-399 boilers only; and is only compatible with 6" Centrotherm – InnoFlue venting. Do not combine venting materials from different manufactures or use with boilers other than models CHS 300-399; see Table 2-1 to identify which boilers can be used with each CHS Common Venting.



Only install boiler models CHS 300-399 with this Common Venting system. Failure to follow this warning can cause incorrect boiler and venting system operation, and may result in property damage, serious injury or death.



Do not install the CHS 300-399 Common Venting with vent parts from other manufactures or other brands and use only Centrotherm – InnoFlue. Failure to follow these instructions may result in property damage, serious injury or death.

User Responsibilities

The CHS 300-399 Common Venting, common venting and termination must be installed and regularly inspected by a licensed technician. **NOTICE**: some applications may require more frequent service and inspection. As the User/Owner of this equipment, you are responsible for ensuring the maintenance is performed at the required intervals.



Failure to have the venting system regularly serviced and inspected by a licensed technician may result in property damage, serious injury or death.

Installer Responsibilities

As the licensed technician it is your responsibility to ensure the installation is performed in accordance with this manual, the Installation and Operation Instructions provided with the boilers, as well as any applicable local or National installation codes. It is also your responsibility to inform the User/Owner of their obligation with respect to the above description under "User Responsibilities." Failure to follow this warning could result in fire, serious injury, or death.

2.0 SPECIFICATIONS

Common Vent Manifold Configurations

The CHS 300-399 Common Venting is available in 2 configurations; each configuration is applicable to a certain boiler combination. The manifolds can be assembled to direct Exhaust Gas and Combustion Air-Inlet piping to the left or right.

PART NO.	DESCRIPTION	COMMON VENTING IMAGE
818 192	Common Venting for the Exhaust Vent Outlet and Combustion Air-Inlet of two (2) Slant/Fin CHS 300-399 boilers.	(Models CHS 300-399 Common Venting Shown Exhaust Gas and Combustion Air-Inlet piping being directed to the LEFT)
818 193	Common Venting for the Exhaust Vent Outlet and Combustion Air-Inlet of three (3) Slant/Fin CHS 300-399 boilers.	

A WARNING

Failure to match the appropriate CHS 300-399 Common Venting with the appropriate boilers, as indicated in Table 2-1, may result in boiler or vent system malfunctions leading to property damage, serious injury, or death.

Inspection

Prior to the installation of the CHS 300-399 Common Venting, conduct a visual inspection of each vent component to ensure the parts were not damaged during shipping and were shipped complete.



Do not install broken or damaged venting components; doing so may result in property damage, serious injury, or death.

Table 2-2 Parts Included w/ CHS 300-399 Con DESCRIPTION			Qty per CHS 300-399	PART No.	IMAGE
Air-Inlet Appliance Adapter 4"			1 / system	818 209	
Exhaust Appliance Adapter 4" ²		9.0" (short)	1 / system	818 209	
		9.96" (medium)	1 / system	818 210	
		10.93" (long) ¹	1 / system ¹	818 211	
Siphon			1 / system	818 212	
Branch 6" x 4" ³			2	818 213	
Cap 6"		1 / system	818 214		
Compositor Dinor	4"		7	818 215	
Connector Rings	6"		2	818 216	
Elbow 4"		2	818 217		
Horizontal Drain 6"		1 / system	818 218		
Non-Return Valve 4"		1	818 219		
Centrocerin (Lubricant)		1	818 208	t tentrocerin	
Air-Inlet Support ⁴		2 x CHS 818 192	818 190	, Ç'	
		3 x CHS 818 193	818 191	Į.	
Exhaust Support ⁵		2 x CHS 818 192	818 190	9	
		3 x CHS 818 193	818 191	rh.	

Table 2-2 Parts Included w/ CHS 300-399 Common Venting

Notes: ¹ The "long" Exhaust Appliance Adapters are only supplied with CHS 818 193 (3-boiler) CHS 300-399 Common Venting.

³ Branch 6" x 4" are to be cut to size by the installer as show in Section 4.0 of this manual.

⁴ Air-Inlet Supports includes 2 - 1/4" x 1" Machined Screws and 2 - 1/4" x 3/4" Drill Point Screws. Part number CHS 818 192 requires 2 - Air-Inlet Supports and Part number CHS 818 193 requires 3 - Air-inlet Supports. ⁵ Exhaust Supports includes 2 - 1/4" x 1" Machined Screws. Part number CHS 818 192 requires 2 - Exhaust Supports and Part number CHS 818 193 requires 3 - Air-inlet Supports.

CHS 818 193 requires 3 – Exhaust Supports.

Table 2-3 Acceptable CHS Common Vent and Termination Parts						
DESCRIPTION	PART No.	COMMENTS	IMAGE			
Elbow 6" ²	818 205 (45° Elbow) 818 206 (87 ° Elbow)	-				
Straight Pipe Length 6" ³	818 194 (6" x 12") 818 195 (6" x 24") 818 196 (6" x 36") 818 197 (6" x 72")	-				
Connector Ring 6" ⁴	818 198	Mandatory at every connection.	\bigcirc			
Support Clamps 6" ⁵	818 199	Mandatory every 75" spaced on vertical runs and every 40" on horizontal runs.	Ş			
Bird Screen PPs-UV 6"	818 200					
End Pipe PPs-UV	818 201 (6" x 20") 818 202 (6" x 39")	PPs-UV Components must be used for the vent				
Elbow PPs-UV 6"	818 203 (87° Elbow)	termination or any area where the venting is exposed to sunlight.	S.C.			
Elbow PPs-UV 6"	818 204 (45 ° Elbow)	Note: Only Centrotherm – InnoFlue PPs-UV parts are approved for terminating the				
Straight Vent Length PPs-UV	818 207 (6" x 26.5")	Common Vent System.				

Table 2-3 Accentable CHS Common Vent and Termination Parts¹

Notes: ¹ With the exception of the CHS Common Venting, the installer is responsible for supplying all the required venting components; including pipe lengths, termination, Connector Rings, and Support Clamps.

² When determining the maximum vent lengths each 6" diameter Elbow (87° and 45°) are equivalent to 5 feet of pipe length.

³ The total maximum equivalent vent length for each Exhaust and Air-Inlet is 100 feet.

⁴ Connector Rings are required on every connection.

⁵ Support Clamps are required every 75" for vertical runs and every 40" for horizontal runs.

Consult Centrotherm - InnoFlue Eco Systems (1-877-434-3432 or <u>www.centrotherm.us.com</u>) instructions for further details.

Exhaust Vent & Combustion Air-Inlet Piping

The Slant/Fin CHS 300-399 are certified as a "Category IV" boiler requiring a "Special Venting System," designed for pressurized venting. The Exhaust and Combustion Air-Inlet must be **DIRECT VENTED** to the outdoors, using the venting materials outlined in Table 2-3 of this manual. Under no conditions shall the products of combustion be vented into a masonry chimney.

Centrotherm – InnoFlue is the only manufacture to be used for the CHS 300-399 Common Venting and termination. The common vent and termination parts are to be field supplied by the Installer. Consult Centrotherm – InnoFlue Eco Systems (1-877-434-3432 or <u>www.centrotherm.us.com</u>) instructions for further details.

<u>**Pipe Length**</u> – The maximum equivalent pipe length for the Exhaust Vent and Combustion Air-Inlet is 100 feet each. The minimum length for the Exhaust Vent and Combustion Air-Inlet is 5 feet each.

Elbows – Both 45° and 87° Elbows are equivalent to 5 feet of pipe length.



Centrotherm – InnoFlue is ULC-S636 and UL-1738 approved for use in Canada and the United States. Centrotherm – InnoFlue 6" diameter polypropylene piping is the only product approved for use with the Slant/Fin CHS Common Venting.

Supporting Venting

<u>Connector Rings</u> – mandatory on every exhaust vent and air-inlet connection. Connector Rings lock the venting together, and prevent it from pulling apart. Consult Centrotherm – InnoFlue Eco Systems (1-877-434-3432 or <u>www.centrotherm.us.com</u>) instructions for further details.

Support Clamps – shall be installed on the exhaust vent and air-inlet piping every 75" for vertical runs and every 40" for horizontal runs. Support clamps alleviate strain on the vent connections, and prevent the piping from drooping. Consult Centrotherm – InnoFlue Eco Systems (1-877-434-3432 or <u>www.centrotherm.us.com</u>) instructions for further details.



Exhaust Vent and Combustion Air-Inlet piping requires Support Clamps spaced every 75" for vertical runs and every 40" for horizontal runs and Connector Rings on every connection. Failure to follow these instructions may result in property damage, serious

injury or death.

Termination Options

Centrotherm – InnoFlue PPs-UV 6" diameter termination parts are the only parts approved for terminating the venting of the common vent system, see Table 2.3. PPs – UV is approved for use in direct sunlight and designed to endure weather conditions. Consult Centrotherm – InnoFlue Eco Systems (1-877-434-3432 or www.centrotherm.us.com) instructions for further details.

Termination Configurations are decided by the installer and must conform to Section 5.0 of this manual and the boiler installation manual.

3.0 BOILER LOCATION

Boiler Mounting

There are two methods of mounting Slant/Fin CHS 300-399 boilers. One option is to mount the boilers directly to the wall using the wall mounting brackets provided with the boilers. The other method is to use CHS's Floor Stand (P/N 818 169) and Floor Stand Twinning Kit (P/N 818 220).

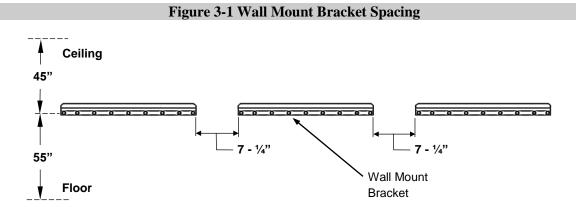
A CAUTION

Mounting the boilers requires a minimum of two people to lift the boilers into place. Failure to follow these instructions may result in property damage or personal injury.

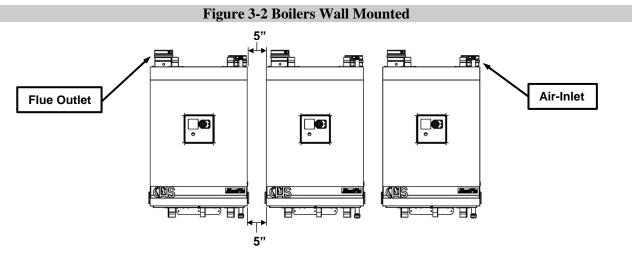
Wall Mounting Method

Before installing the Wall Mounting Brackets on the wall ensure there is a sufficient amount of wall space to work with, both vertically and horizontally. Three-boiler systems require a minimum of 100" x 100" of wall space; two-boiler systems require a minimum of 100" vertically by 70" horizontally.

1. Secure the boiler Wall Mount Brackets to the wall; leave precisely 7-1/4" between the brackets. Ensure the brackets are level and at least 55" above the floor and 45" below the ceiling see Figure 3-1.



2. Install the boilers on the wall, position them 5" apart; measure at top and bottom, see Figure 3-2.



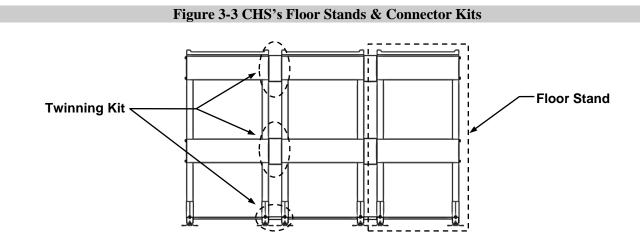
(Model CHS 300-399 Shown)

3. Secure the bottom wall bracket to the boiler and wall as shown in Section 3.0 of the boiler Installation and Operation Instructions; make sure boilers are level and plumb.

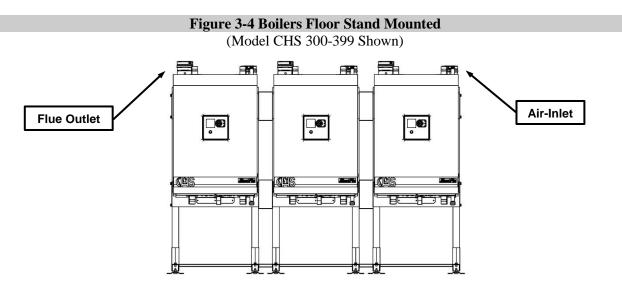
Floor Stand Mounting Method

CHS's Floor Stands and Twinning Kits are designed with precise height and spacing for assembling the Common Vent Manifold System. One Twinning Kit is required to joint two Floor Stands together; two Twinning Kits are required to join three Floor Stands together.

- P/N 818 169 CHS 300-399 Floor Stand
- P/N 818 220 Floor Stand Twinning Kit
- 1. Follow the directions outlined in the CHS Floor Stand installation instructions to assemble the individual Floor Stands, and connect together using the Twinning Kit(s). Once assembled, ensure the bolts are fastened securely. Level the assembled stand vertically and horizontally using the adjustable leveling legs.



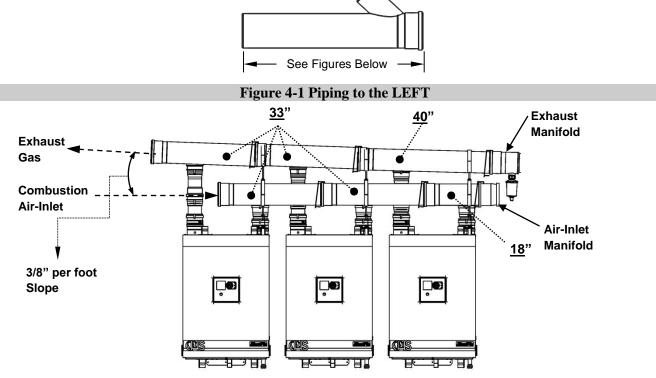
- 2. Secure the assembled Floor Stand to the floor using the provided Floor Anchor Brackets and field supplied anchors, see installation instructions provided with the Floor Stand.
- 3. Install the boilers on the Floor Stands see Figure 3-4.



4. Secure bottom bracket to the boiler and center cross member of the stand, refer to the CHS Floor Stand installation instructions.

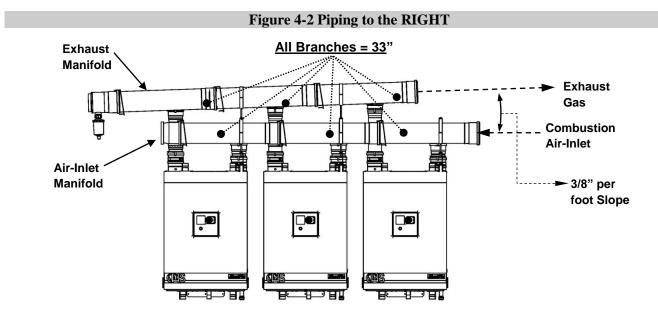
4.0 COMMON VENT MANIFOLD SYSTEM ASSEMBLY INSTRUCTIONS

Before commencing the assembly of the CHS 300-399 Common Venting, identify which direction to direct the Exhaust Gas and Combustion Air-Inlet piping. The direction will dictate the length the branches need to be cut to.



Branch 6" x 4" – when directing the exhaust gas and combustion air-inlet piping to the LEFT, the overall length of the branches must be reduced to the lengths indicated in Figure 4-1; 18" and 40" for the right side Combustion Air-Inlet and Exhaust Gas outlet respectively, 33" for the others.

NOTE: This only applies to P/N 818 192 and P/N 818 193 being piped to the LEFT.



Branch 6" x 4" – when directing the Exhaust Gas and Combustion Air-Inlet piping to the RIGHT, the overall length of the branches must be reduced to the length indicated in Figure 4-2; 33" for each Branch. **NOTE**: This only applies to P/N 818 192 and P/N 818 193 being piped to the **RIGHT**.



Lubricate During Assembly

When assembling the Exhaust and Air-Inlet piping, apply Centrocerin (a water based lubricant) to each gasket and male end, to ease the assembly process, and to prevent gasket damage.

Failure to apply Centrocerin lubricant to each connection may cause the gasket to be damaged or dislodged during assembly, resulting in property damage, personal injury or death.

The CHS 300-399 Common Venting and the first 5 feet of the common vent shall not be enclosed or covered and must be easily accessible for maintenance and inspection; failure to do so may lead to property damage.

Exhaust Vent Slope

The Exhaust Manifold must slope back towards the boilers a minimum of 3/8" per linear foot; the Exhaust Appliance Adapters and the Exhaust Supports have been pre-sized to achieve the required slope, see Step 8 of this section.

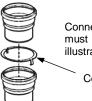


Failure to assemble the CHS 300-399 Common Venting in the correct order may result in property damage, personal injury or death.

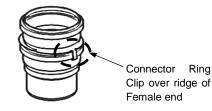
Connector Rings

Connector Rings are mandatory on every connection, with the exception of the Exhaust and Air-Inlet connection at the boilers, which are secured with a gear clamp. The Connector Rings are mandatory and prevent the pipe connections from coming apart. See Figure 4-4 for Connector Ring Installation Instructions.

Figure 4-4 Connector Ring Installation Instructions



Connector Ring prongs must face female part as illustrated.





Failure to properly install Connector Rings on every connection may result in property damage, serious injury or death.



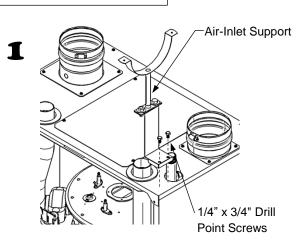
Assemble the CHS 300-399 Common Venting, including the Exhaust and Air-Inlet Supports, as shown in this section. <u>The instructions and illustrations in this section</u> demonstrate the exhaust gas and combustion air-inlet piped to the **RIGHT**.

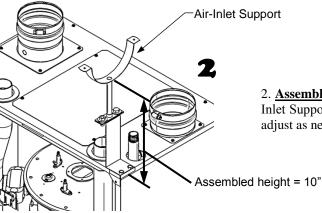
Air-Inlet Manifold Assembly Instructions (Steps 1-6)

(Model CHS 300-399 Shown)

Apply Centrocerin lubricant to each gasket and male end

1. Air-Inlet Supports - Remove the front door of the boiler. Using two 1/4" x 3/4" Drill Point Screws, fasten the Air-Inlet Support to the front right corner of the boiler cabinet as illustrated. Repeat for each boiler.

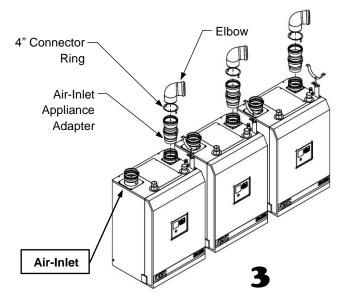




2. Assembled Height - Ensure the assembled height of the Air-Inlet Supports measure 10" from the top of the boiler as shown; adjust as necessary.

3. Air-Inlet Appliance Adapter - Insert the Air-Inlet Appliance Adapters into the Air-Inlet fittings of the boilers and tighten the gear clamps. Install the Elbows into the Air-Inlet Appliance Adapters, and clip the Connector Rings. Angle the Elbows at 45° in the direction the Combustion Airinlet is being piped (example is piped to the right).

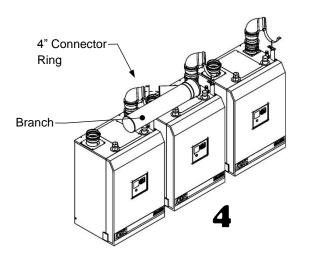
NOTE: All Air-Inlet Appliance Adapter lengths are 9"; apply Centrocerin lubricant to each gasket and male end.

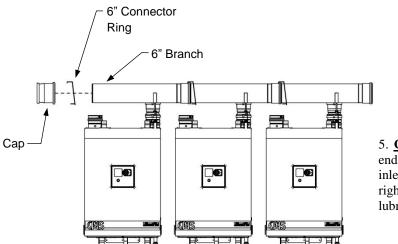


4. **Branch** – Insert the 6" x 4" Branch fittings into the 4" Elbows installed in Step 3, starting with the boiler on the left (start with the boiler on the right if the Combustion Air-inlet is being piped to the left). Use Centrocerin lubricant and a Connector Ring at each connection.

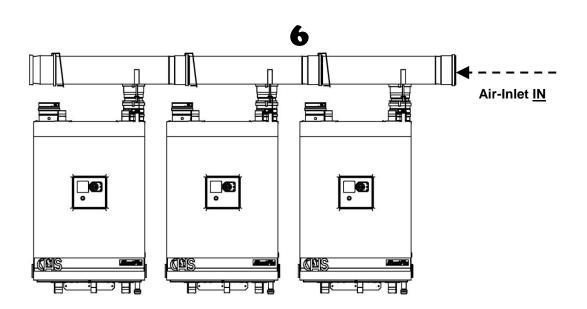
NOTE: Combustion Air-Inlet Branches are piped to the right; therefore Branches are required to be cut to an overall length of 33"

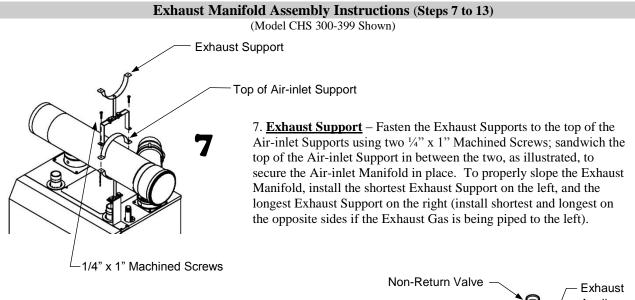






5. <u>Cap</u> – Install the Cap onto the left side (male end) of the Air-Inlet Manifold (if Combustion Air-inlet is being piped to the left, install Cap on the right side of the Manifold). Use Centrocerin lubricant and a Connector Ring at each connection.

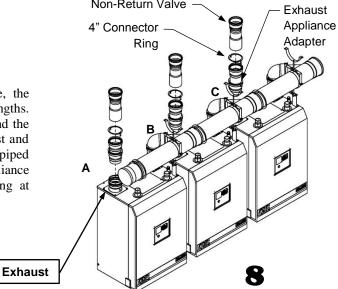


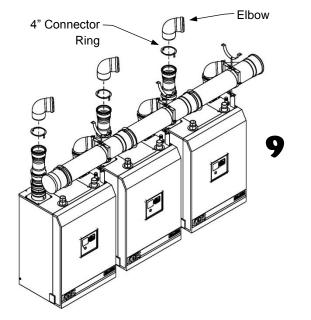


8. **Exhaust Appliance Adapter** – To create a slope, the Exhaust Appliance Adapters are cut to different lengths. Connect the shortest adapter to the boiler on the left, and the longest adapter to the boiler on the right (install shortest and longest on the opposite sides if the Exhaust Gas is being piped to the left). Install a Non-Return Valve into each appliance adapter. Use Centrocerin lubricant and Connector Ring at each connection.

NOTE: Exhaust Appliance Adapter lengths:

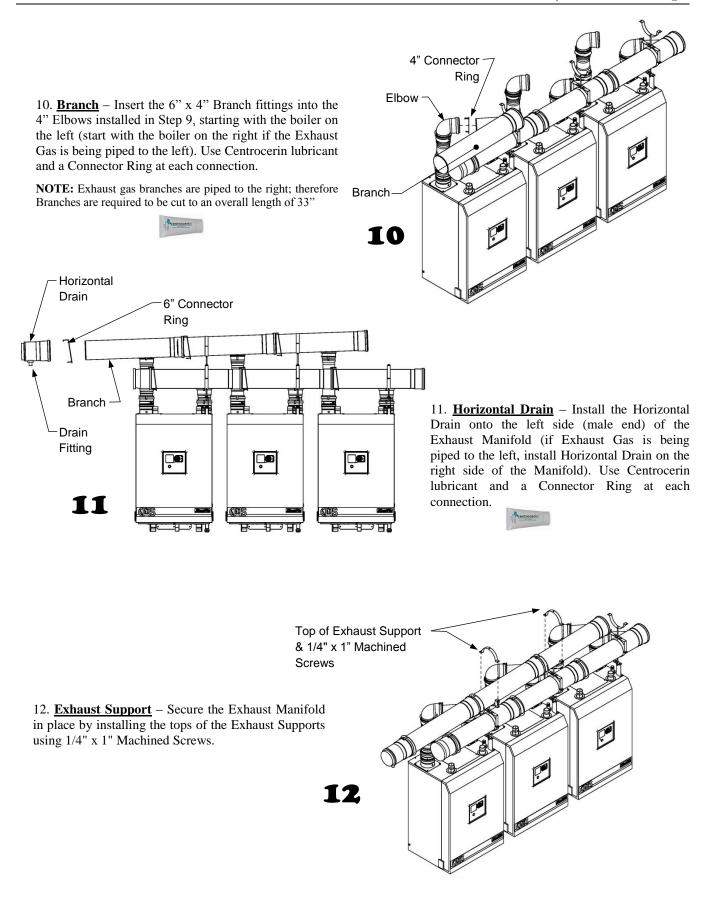
- A = 9.0"
- B = 9.96"
- C = 10.93"

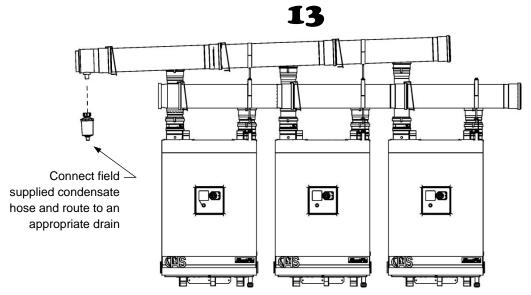




9. <u>Elbow</u> – Install the Elbows into the Non-Return Valves; angle the Elbows at 45° in the direction the Exhaust Gas is being piped (example is piped to the right).

Use Centrocerin lubricant and Connector Ring at each connection.





13. <u>Siphon</u> – Install the Siphon to the fitting of the Horizontal Drain. Connect a field supplied condensate hose and route to an appropriate drain.

Condensate Drain

NOTICE

Check with your municipality, or local gas company, to determine if the disposal of combustion condensate is permitted in your area (e.g. in the **State of Massachusetts** the condensate must be neutralized prior to entering a drain).

The following are important notes that must be taken into consideration when constructing the condensate drain system (See Condensate Drain section of the boiler Installation Manual for further details):

- **DO NOT** install condensate lines outside. A frozen or blocked drain will cause the condensate to backup and leak. This may result in damage to boiler components resulting in a no heat condition; property damage may also occur.
- **NEVER** use copper, steel, or galvanized piping in the construction of the condensate system (condensate is very corrosive and will corrode most metals).
- When a condensate pump is used or required, select a pump that is designed for residential furnaces.

5.0 TERMINATION OPTIONS - DIRECT VENT

The CHS 300-399 Common Venting is approved for **<u>DIRECT VENT ONLY</u>**. Installers are responsible for supplying the required Exhaust Gas and Combustion Air-inlet piping, termination components, Connector Rings and Support Clamps. Table 2.3 lists the Centrotherm – InnoFlue PPs-UV parts that are approved for terminating the Common Vent System.

Terminations are to be **<u>DIRECT VENT ONLY</u>**. Failure to follow these instructions may result in property damage, serious injury or death.

Refer to the boiler Installation and Operation Instructions, your local authority and the National Fuel Gas Code ANSI Z223.1 and or CAN/CGA B149 Installation Codes for termination clearance requirements.

Roof Termination

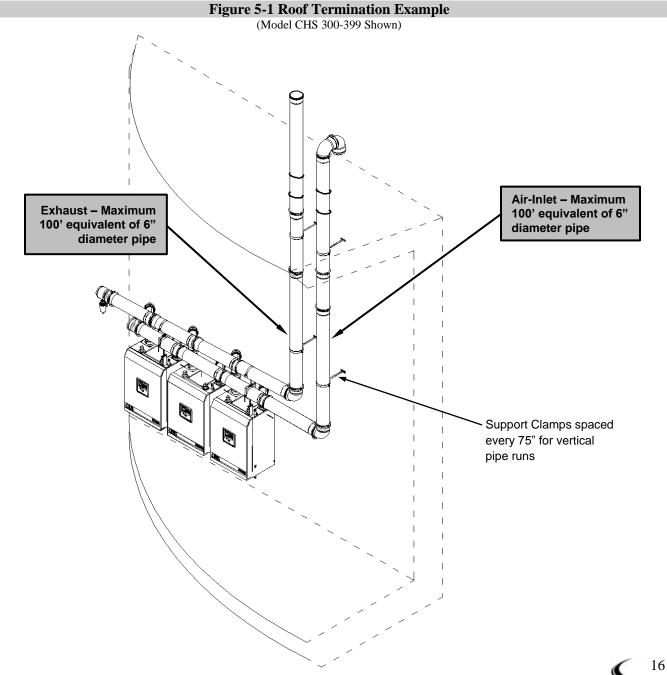
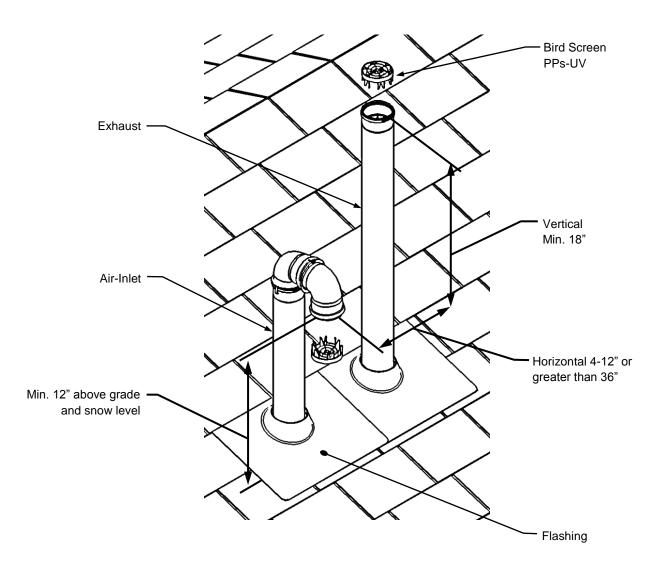


Figure 5-2 Roof Termination Details



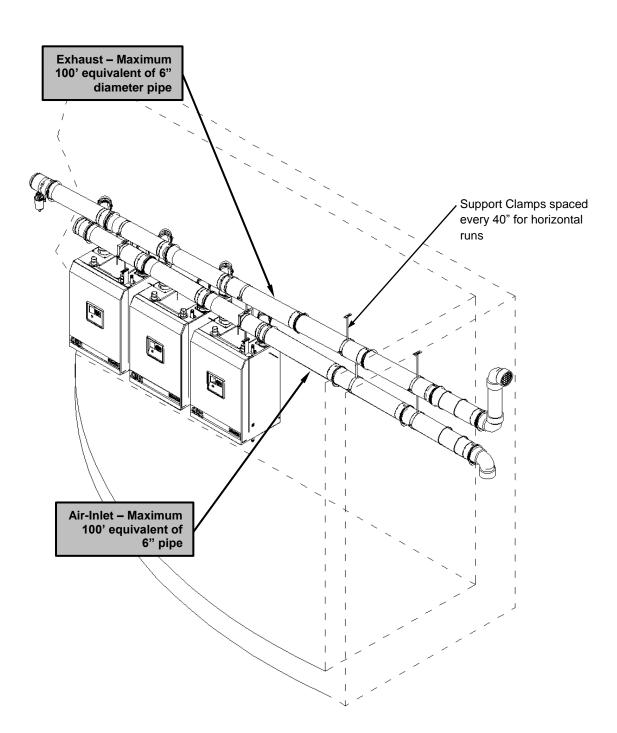


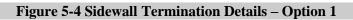
Refer to Centrotherm – InnoFlue documentation included with termination components for complete installation instructions.

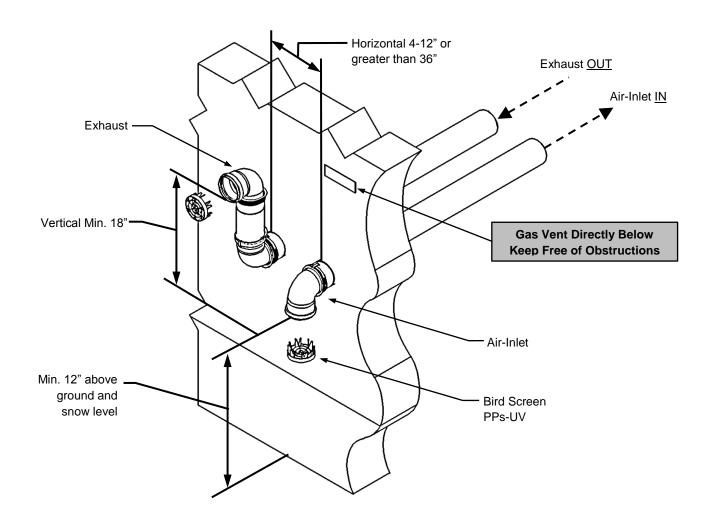
C¹⁷

Sidewall Termination





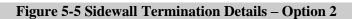


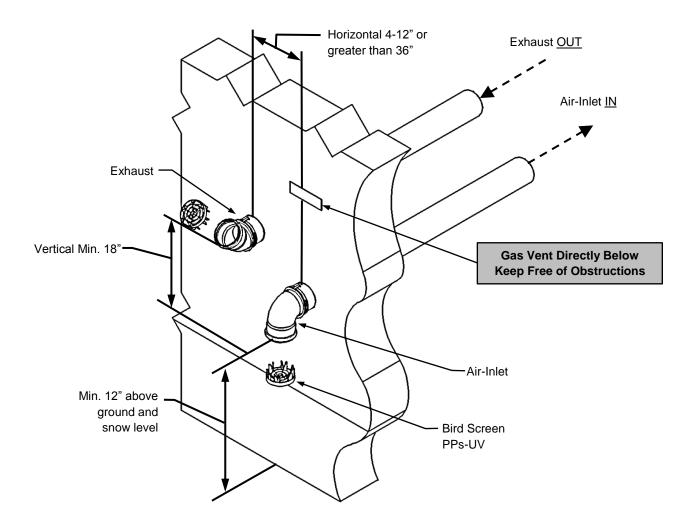




Refer to Centrotherm – InnoFlue documentation included with termination components for complete installation instructions.

(19







Refer to Centrotherm – InnoFlue documentation included with termination components for complete installation instructions.

6.0 CHECKLIST

Installation Checklist

- □ 1. Read and understand this manual and the Installation and Operation Instructions provided with the Slant/Fin CHS 300-399 Boilers (CHS 40). Understand the dangers associated with improper installation of the boilers, CHS 300-399 Common Venting, vent and termination.
- □ 2. Preform the Installation Checklist from the boiler Installation and Operation Instructions.
- □ 3. Confirm that only Centrotherm InnoFlue Polypropylene parts are used for the installation of this CHS 300-399 Common Venting as outlined in Section 2.0 of this manual.
- □ 4. When wall mounting, confirm the boilers are exactly 5" apart from each other in accordance with Section 3.0 of this manual.
- □ 5. Install the CHS 300-399 Common Venting in the order outlined in Section 4.0 of this manual.
- □ 6. Connector Rings are installed on every connection in accordance with Section 2.0 of this manual.
- □ 7. Support Clamps are installed on the Exhaust and Air-inlet piping every 75" on vertical runs and every 40" on horizontal runs in accordance with Section 2.0 of this manual.
- □ 8. Centrocerin lubricant was applied to each gasket and male end of every venting connection.
- 9. Termination of the Exhaust and Combustion Air-Inlet are in accordance with Section 5.0 of this manual.
- □ 10. Advise home/building owner of their responsibilities with respect to maintaining the boilers and CHS 300-399 Common Venting.

A WARNING

Building owner is responsible for keeping the Exhaust Vent and Air-Inlet termination free of snow, ice, or other potential blockages and for scheduling boiler routine maintenance as described in the boiler installation instructions. Failure to properly

maintain the boiler and CHS 300-399 Common Venting may result in serious injury or death.

Operational Checklist

- □ 1. For each boiler perform the Operational Checklist in the boiler installation manual.
- □ 2. Ensure the CHS 300-399 Common Venting is free of combustion leaks.
- □ 3. Confirm that each boiler ignites and operates smoothly (no delayed ignition and no pulsation).
- □ 4. Flue gas combustion readings are measured on each boiler and are within the tolerances indicated in the boiler installation instructions.
- □ 5. Condensate lines are properly secured, free of leaks and drain freely.
- □ 6. Ensure that each Non-Return Valve closes when the respective boiler is off.
- □ 7. Products of combustion are not detected at the flue outlet of inoperable boilers, while other boilers are running.

Before Leaving

- □ 1. Allow each boiler to complete at least one heating cycle or to operate for at least 15 minutes. At this point re-check the CHS Common Venting system for combustion gas and condensate leaks.
- □ 2. Ensure the condensate traps are properly disposing the condensate in the appropriate location in accordance with Section 6.0 in the boiler installation instructions.

Instructions to Installing Contractor

 \Box 1. Leave the manual with the customer so they know when to call for annual maintenance and inspection.

Annual Inspection Checklist

The Slant/Fin CHS 300-399 Common Venting must be inspected at the beginning of every heating season by a Qualified Technician.

- □ 1. For each boiler perform the Annual Inspection Checklist in the boiler Installation and Operation Instructions.
- □ 2. Inspect the CHS 300-399 Common Venting termination components for damages caused by exposure to weather elements. If termination components are damaged or worn have the parts removed and replaced.
- □ 3. Examine the termination Bird Screens for debris.
- □ 4. Examine all venting for evidence of leaks. If a leak is found repair or replace the part.
- □ 5. Look for condensate or debris in the Non-Return Valves, if found remove and clean them.
- □ 6. Examine the support clamps for rigidity; tighten if loose or replace if damaged.
- \Box 7. Check the Connector Rings for a secure lock between each connection.
- □ 8. Conduct a visual inspection to ensure the CHS 300-399 Common Venting is adequately sloped and not sagging.
- 9. Confirm there is nothing obstructing the flow of the Combustion Air-Inlet and Exhaust Gases.
- □ 10. Keep boiler area clear and free from combustible materials, gasoline, and other flammable vapors and liquids.



Failure to properly inspect each joint fitting in the CHS 300-399 Common Venting may result in flue gas leakage causing serious injury or death.

NOTES



U.S.A. Slant/Fin Corporation • 100 Forest Drive Greenvale, NY 11548 • 516-484-2600 www.slantfin.com

©Slant/Fin Corp. 2014 • 814 • PUBLICATION CHS-40-CV