



Instruction Manual

Free Float Steam Trap
JH7RH-P
JH7RHT-P

(Optional Models)
JH7RH-W / JH7RH-F / JH7RH-V
JH7RHT-V

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Introduction

Thank you for purchasing the **TLY**. Free Float Steam Trap.

This product has been thoroughly inspected before being shipped from the factory. When the product is delivered, before doing anything else, check the specifications and external appearance to make sure nothing is out of the ordinary. Also be sure to read this manual carefully before use and follow the instructions to be sure of using the product properly.

This instruction manual is edited based on the JH-P Series (with cover plug). The JH-W Series (with socket welded cover connection), JH-F Series (with flanged cover connection) and JH-V Series (with manual air vent valve) are described at the end of this manual in the 'Option' section.

Both JH7RH-P and JH7RHT-P free float steam traps employ a hinge-less and lever-less free float to rapidly, automatically and continuously discharge the inflowing condensate that is continuously generated inside the equipment, thus preventing the accumulation of condensate and thereby improving the heat transfer efficiency of the equipment

In particular, JH7RHT-P/JH7RHT-V (option) possess the highest heat resistance of the TLV steam trap product range, and are of a specification that is suitable for use on thermal power plant steam mains, which operate at increasingly high temperatures in recent years.

This steam trap also employs a precision-ground float and three-point seating that supports the float securely at three points and ensures a high degree of sealing when even only minute quantities of condensate are present.

This free float steam trap is suitable for locations at which extremely small amounts of condensate are generated, such as superheated and saturated steam mains and branches, and for applications under long continuous operation with the introduction of almost no air.

If detailed instructions for special order specifications or options not contained in this manual are required, please contact **TLM** for full details.

This instruction manual is intended for use with the model(s) listed on the front cover. It is necessary not only for installation but for subsequent maintenance, disassembly/reassembly and troubleshooting. Please keep it in a safe place for future reference.

Safety Considerations

- Read this section carefully before use and be sure to follow the instructions.
- Installation, inspection, maintenance, repairs, disassembly, adjustment and valve opening/closing should be carried out only by trained maintenance personnel.
- The precautions listed in this manual are designed to ensure safety and prevent equipment damage and personal injury. For situations that may occur as a result of erroneous handling, three different types of cautionary items are used to indicate the degree of urgency and the scale of potential damage and danger: DANGER, WARNING and CAUTION.
- The three types of cautionary items above are very important for safety: be sure to
 observe all of them as they relate to installation, use, maintenance, and repair.
 Furthermore, TLV accepts no responsibility for any accidents or damage occurring
 as a result of failure to observe these precautions.

Symbols



Indicates a DANGER, WARNING or CAUTION item.

⚠ DANGER

Indicates an urgent situation which poses a threat of death or serious injury

____WARNING

Indicates that there is a potential threat of death or serious injury

CAUTION

Indicates that there is a possibility of injury or equipment / product damage

MARNING

NEVER apply direct heat to the float.

The float may explode due to increased internal pressure, causing accidents leading to serious injury or damage to property and equipment.

⚠CAUTION

Install properly and DO NOT use this product outside the recommended operating pressure, temperature and other specification ranges.

Improper use may result in such hazards as damage to the product or malfunctions that may lead to serious accidents. Local regulations may restrict the use of this product to below the conditions quoted.

DO NOT use this product in excess of the maximum operating pressure differential.

Such use could make discharge impossible (blocked).

Use hoisting equipment for heavy objects (weighing approximately 20 kg (44 lb) or more).

Failure to do so may result in back strain or other injury if the object should fall.

Take measures to prevent people from coming into direct contact with product outlets.

Failure to do so may result in burns or other injury from the discharge of fluids.

Safety considerations continued on next page.

When disassembling or removing the product, wait until the internal pressure equals atmospheric pressure and the surface of the product has cooled to room temperature.

Disassembling or removing the product when it is hot or under pressure may lead to discharge of fluids, causing burns, other injuries or damage.

Be sure to use only the recommended components when repairing the product, and NEVER attempt to modify the product in any way.

Failure to observe these precautions may result in damage to the product and burns or other injury due to malfunction or the discharge of fluids.

Use only under conditions in which no freeze-up will occur.

Freezing may damage the product, leading to fluid discharge, which may cause burns or other injury.

Use only under conditions in which no water hammer will occur.

The impact of water hammer may damage the product, leading to fluid discharge, which may cause burns or other injury.

Checking the Piping



Use only under conditions in which no water hammer will occur. The impact of water hammer may damage the product, leading to fluid discharge, which may cause burns or other injury.

Check to make sure that the pipes to be connected to the trap have been installed properly.

- 1. Is the pipe diameter suitable?
- 2. Is the piping where the trap is to be installed horizontal?
- 3. Has sufficient space been secured for maintenance?
- 4. Have maintenance valves been installed at the inlet and outlet? If the outlet is subject to back pressure, has a check valve (TLV-CK) been installed?
- 5. Is a bypass valve installed?
- 6. Is the inlet pipe as short as possible, with as few bends as possible, and installed so the liquid will flow naturally down into the trap?
- 7. Has the piping work been done correctly, as shown in the figures below?

Requirement	Correct	Incorrect
Install catchpot with the proper diameter.		Diameter is too small.
Make sure the flow of condensate is not obstructed.		Diameter is too small and inlet protrudes into pipe interior.
To prevent rust and scale from flowing into the trap, the inlet pipe should be connected 25 – 50 mm (1 – 2 in) above the base of the T-pipe.		Rust and scale flow into the trap with the condensate.
When installing on the blind end, make sure the flow of condensate is not obstructed.		Condensate collects in the pipe.

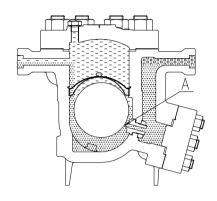
Operation

Principles of condensate discharge:

As much air as possible should be eliminated at start-up using a bypass valve or blowdown line.

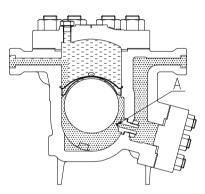
1. Condensate Discharge

As steam is supplied, condensate flow begins. The rising condensate level causes the float to rise due to buoyancy, opening the orifice (A) and allowing condensate to be discharged.



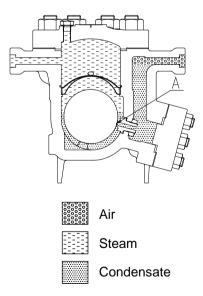
2. Discharge of Large Quantities of Condensate

Increases in the condensate inflow rate cause the condensate level in the trap to rise. The float consequently rises and enlarges the opening of the orifice (A), allowing more condensate to be discharged. In this manner, continuous condensate discharge occurs while the opening size of the orifice varies depending on the condensate flow rate.



3. Closed Position

When the condensate flow rate decreases, the float falls, closing off the orifice (A) opening. A water seal is maintained at all times over the orifice (A) to prevent steam loss.



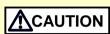
Specifications



Install properly and DO NOT use this product outside the recommended operating pressure, temperature and other specification ranges. Improper use may result in such hazards as damage to the product or malfunctions which may lead to serious accidents. Local regulations may restrict the use of this product to below the conditions quoted.

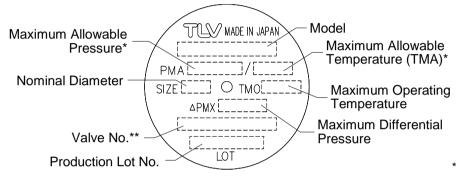


DO NOT use this product in excess of the maximum operating pressure differential; such use could make discharge impossible (blocked).



Use only under conditions in which no freeze-up will occur. Freezing may damage the product, leading to fluid discharge, which may cause burns or other injury.

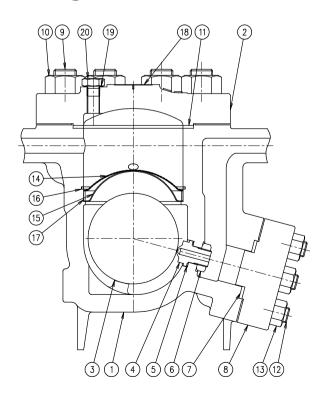
Refer to the product nameplate for detailed specifications.



Maximum allowable pressure (PMA) and maximum allowable temperature (TMA) are PRESSURE SHELL DESIGN CONDITIONS, **NOT** OPERATING CONDITIONS.

** Valve No. is displayed for products with options. This item is omitted from the nameplate when there are no options.

Configuration



No.	Name	М*	R*	F*
1	Body			
2	Cover			
3	Float			>
4	Orifice		✓	
5	Orifice Gasket	✓	✓	
6	Orifice Locknut		✓	
7	Outlet Cover Gasket	✓	✓	
8	Outlet Cover			
9	Cover Bolt			
10	Cover Nut			
11	Cover Gasket	✓	✓	
12	Outlet Cover Bolt			
13	Outlet Cover Nut			
14	Screen		✓	
15	Screen Holder			
16	Snap Ring			
17	Screen Holder Retainer			
18	Nameplate			
19	Cover Plug Gasket	✓	✓	
20	Cover Plug			

* Replacement parts are available only in the following kits:

M = Maintenance Kit

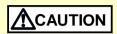
R = Repair Kit

F = Float

Installation



Install properly and DO NOT use this product outside the recommended operating pressure, temperature and other specification ranges. Improper use may result in such hazards as damage to the product or malfunctions which may lead to serious accidents. Local regulations may restrict the use of this product to below the conditions quoted.



Use hoisting equipment for heavy objects (weighing approximately 20 kg (44 lb) or more). Failure to do so may result in back strain or other injury if the object should fall.

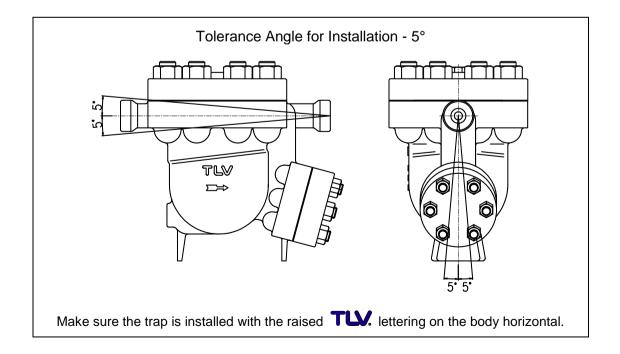


Take measures to prevent people from coming into direct contact with product outlets. Failure to do so may result in burns or other injury from the discharge of fluids.

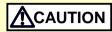
Installation, inspection, maintenance, repairs, disassembly, adjustment and valve opening/closing should be carried out only by trained maintenance personnel.

- 1. Before installation, be sure to remove all protective seals.
- 2. Before installing the product, open the inlet valve and blow out the piping to remove any piping scraps, dirt and oil. Close the inlet valve after blowdown.
- 3. Install the product so the arrow on the body is pointing in the direction of flow.
- 4. The trap should be inclined no more than 5° horizontally and front-to-back.
- 5. Install a condensate outlet valve and outlet piping.
- 6. Air in the system at start-up should be discharged using a bypass valve or blowdown line.
- 7. Open the inlet and outlet valves and ensure that the product functions properly.

If there is a problem, determine the cause using the "Troubleshooting" section in this manual.



Maintenance



Take measures to prevent people from coming into direct contact with product outlets. Failure to do so may result in burns or other injury from the discharge of fluids.



Be sure to use only the recommended components when repairing the product, and NEVER attempt to modify the product in any way. Failure to observe these precautions may result in damage to the product or burns or other injury due to malfunction or the discharge of fluids.

Operational Check

A visual inspection of the following items should be done on a daily basis to determine whether the trap is operating properly or has failed. Periodically (at least biannually) the operation should also be checked by using diagnostic equipment, such as a stethoscope or thermometer.

If the trap should fail, it may cause damage to piping and equipment, resulting in faulty or low quality products or losses due to steam leakage.

Normal: Condensate is discharged continuously, together with flash

steam, and the sound of flow can be heard. If there is very little

condensate, there is almost no sound of flow.

Blocked: No condensate is discharged. The trap is quiet and makes no

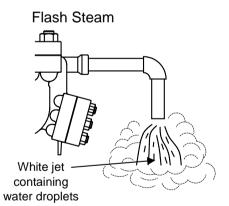
(Discharge Impossible) noise, and the surface temperature of the trap is low.

Blowing: Live steam continually flows from the outlet and there is a

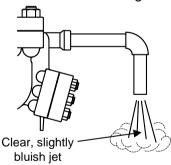
continuous metallic sound.

Steam Leakage: Live steam is discharged through the trap outlet together with

condensate, accompanied by a high-pitched sound.





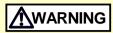


Parts Inspection

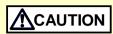
When parts have been removed, or during periodic inspections, use the following table to inspect the parts and replace any that are found to be defective.

Procedure			
Gaskets:	check for warping or scratches		
Screen:	check for clogging or corrosion		
Float:	check for scratches or dents		
Body Interior:	check for build-up		
Orifice Opening:	check for dirt, oil film, wear or scratches		

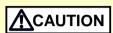
Disassembly/Reassembly



NEVER apply direct heat to the float. The float may explode due to increased internal pressure, causing accidents leading to serious injury or damage to property and equipment.



Use hoisting equipment for heavy objects (weighing approximately 20 kg (44 lb) or more). Failure to do so may result in back strain or other injury if the object should fall.



When disassembling or removing the product, wait until the internal pressure equals atmospheric pressure and the surface of the product has cooled to room temperature. Disassembling or removing the product when it is hot or under pressure may lead to discharge of fluids, causing burns, other injuries or damage.

Use the following procedures to remove components. Use the same procedures in reverse to reassemble. (Installation, inspection, maintenance, repairs, disassembly, adjustment and valve opening/closing should be carried out only by trained maintenance personnel.)

Detaching / Reattaching the Cover

Part	During Disassembly	During Reassembly
Cover Nut	Remove with a socket wrench	Consult the table of tightening torques and tighten to the proper torque
Cover	Remove, being careful not to scratch the gasket sealing surfaces	Make sure there are no pieces of the old gasket left on the sealing surfaces of the body and cover, align the arrows on the body and cover and reattach
Cover Gasket	Remove the gasket and clean the sealing surface	Replace with a new gasket
Cover Plug	Remove with a socket wrench	Consult the table of tightening torques and tighten to the proper torque
Cover Plug Gasket	Remove the gasket and clean the sealing surface	Replace with a new gasket; coat surfaces with anti-seize

Detaching/Reattaching Components Inside the Body

Part	During Disassembly	During Reassembly
Snap Ring	Pinch the insides together and	Insert securely into the slot in the
	remove from the body	body
Screen	Remove by grasping the wire ring	Set the screen on the screen holder
	and lifting straight up and out	and screen holder retainer and insert
		as far as the snap ring groove
Screen Holder	Remove without bending	Set on the screen holder without
Retainer		tilting
Screen Holder	Remove without bending	Place on the ledge inside the body,
		making sure that the rounded side is
		on top
Float	Remove, being careful not to	Insert, being careful not to scratch the
	scratch the polished surface	polished surface
Outlet Cover	Remove with a socket wrench	Consult the table of tightening torques
Nut		and tighten to the proper torque
Outlet Cover	Remove, being careful not to	Make sure there are no pieces of the
	scratch the gasket sealing	old gasket left on the sealing surfaces
	surfaces	and reattach
Outlet Cover	Remove the gasket and clean the	Replace with a new gasket
Gasket	sealing surfaces	
Orifice Locknut	Remove with a socket wrench	Consult the table of tightening torques
		and tighten to the proper torque -
		see NOTE below
Orifice	Pull out from inside the trap body	Fix with the orifice locknut – see
		NOTE below
Orifice Gasket	Remove, being careful not to scratch	Replace with a new gasket; clean the
	the orifice	sealing surface on the orifice –
		see NOTE below

NOTE: Special points pertaining to orifice and orifice gasket reassembly

Follow the steps below when inserting the orifice into the body in order to ensure that the gasket does not fall off and is inserted correctly without protruding from the groove.

- 1. First, insert the orifice alone into the orifice-housing section of the body, in order to ascertain how much of it should be sticking out.
- 2. Take the orifice out again, and then fill the groove in the orifice with water and insert the gasket. The surface tension of the water will now hold the gasket in place, and it will not fall out even if the orifice is pointed downwards.
- 3. Without altering anything, insert it into the orifice-housing section of the body and check to make sure that the amount of orifice sticking out of the body is the same as the amount that was sticking out when only the orifice was inserted in step 1.
- 4. Hold it in that position by hand and, after hand-tightening the orifice locknut from the outlet side, hold the orifice in place from the body float chamber side using a drive wrench and then tighten the orifice locknut to the proper torque using a torque wrench.

Table of Tightening Torques

Dort Norse	Torque		Distance Across Flats	
Part Name	N⋅m	(lbf·ft)	mm	(in)
Cover Plug (JH7RH-P/JH7RHT-P)	100	(73)	26	(1)
Cover Nut	700	(510)	46	$(1^{13}/_{16})$
Orifice Locknut	250	(185)	32	$(1^{1}/_{4})$
Outlet Cover Nut	200	(150)	30	$(1^3/_{16})$

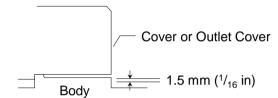
NOTE: - Coat all threaded portions with anti-seize.

(1 N·m ≈ 10 kg·cm)

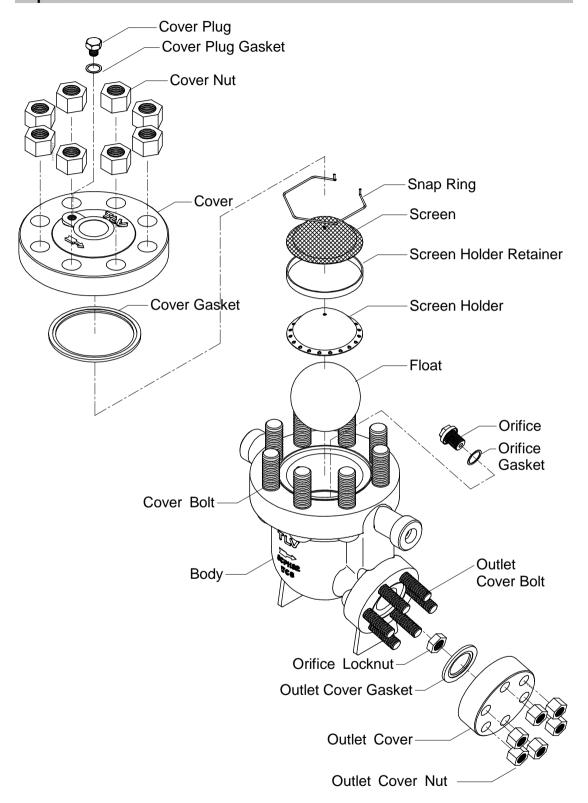
 If drawings or other special documentation were supplied for the product, any torque given there takes precedence over values shown here.

Special Notes

- 1. After operation following disassembly and reassembly, it is recommended that the trap be let to sit for a day and then receive additional tightening.
- 2. Using the tightening torques for the cover nuts and outlet cover nuts as a reference, tighten until the cover and outlet cover gaps are uniform. The gaps should be 1.5 mm (¹/₁₆ in) or less.



Exploded View

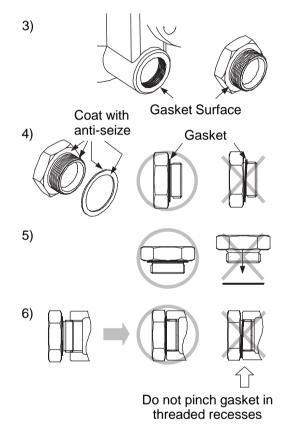


Instructions for Plug/Holder Disassembly and Reassembly

The seal on the threaded plugs/holders found on TLV products is formed by a flat metal gasket. There are various installation orientations for the gaskets, such as horizontal, diagonal and downward, and the gasket may be pinched in the thread recesses during assembly.

Instructions for Disassembly and Reassembly

- Remove the plug/holder using a tool of the specified size (distance across flats).
- The gasket should not be reused. Be sure to replace it with a new gasket.
- Clean the gasket surfaces of the plug/holder and the product body using a rag and/or cleaning agents, then check to make sure the surfaces are not scratched or deformed.
- 4) Coat both the gasket surface of the plug/holder and the threads of the plug/holder with anti-seize, then press the gasket onto the center of the gasket surface of the plug/holder, making sure the antiseize affixes the gasket tightly to the plug/holder. Check to make sure the gasket is not caught in the recesses of the threads.



- 5) Hold the plug/holder upside down to make sure that the anti-seize makes the gasket stick to the plug/holder even when the plug/holder is held upside down.
- 6) Screw the plug/holder by hand into the product body while making sure that the gasket remains tightly affixed to the center of the gasket surface of the plug/holder. Make sure the entire gasket is making contact with the gasket surface of the product body. It is important at this point to make sure the gasket is not pinched in the thread recesses of the plug/holder.
- 7) Tighten the plug/holder to the proper torque.
- 8) Next, begin the supply of steam and check to make sure there is no leakage from the part just tightened. If there is leakage, immediately close the inlet valve and, if there is a bypass valve, take the necessary steps to release any residual pressure. After the surface of the product cools to room temperature, repeat the procedure beginning from step 1).

Troubleshooting



NEVER apply direct heat to the float. The float may explode due to increased internal pressure, causing accidents leading to serious injury or damage to property and equipment.



When disassembling or removing the product, wait until the internal pressure equals atmospheric pressure and the surface of the product has cooled to room temperature. Disassembling or removing the product when it is hot or under pressure may lead to discharge of fluids, causing burns, other injuries or damage.

When the product fails to operate properly, use the following table to locate and remedy the cause.

Problem	Cause	Remedy
No condensate is discharged	The float is damaged or filled with condensate	Replace with a new float
(blocked) or discharge is poor	The orifice opening, screen or piping are clogged with rust and scale	Clean parts
	The trap operating pressure exceeds the maximum specified pressure, or there is insufficient pressure differential between the trap inlet and outlet	Compare specifications and actual operating conditions
	Steam-locking has occurred	Perform a bypass blowdown or close the trap inlet valve and allow the trap to cool
	Air binding has occurred	Perform a bypass blowdown or consider switching to a product with a built-in air vent or air vent valve
from the outlet	Clogged orifice opening or rust and scale build-up beneath the float	Clean parts
	Scratches on the orifice	Replace with a new orifice
(blowing) (steam leakage)	The float is misshapen or has a scale build-up	Clean or replace with a new float
	Improper installation orientation	Correct the installation
	Trap vibration	Lengthen the inlet piping and fasten it securely
Steam is leaking from a place other than the outlet	Check for gasket deterioration or damage	Replace with new gasket(s)
	Check to make sure that the proper tightening torques were used	Tighten to the proper torque
Float frequently becomes damaged	Check to see if water hammer has occurred	Study and correct the piping

NOTE: When replacing parts with new, use the parts list for reference, and replace with parts from the Maintenance Kit, Repair Kit, etc. Please note that replacement parts are only available as part of a replacement parts kit.

Product Warranty

- Warranty Period
 One year following product delivery.
- Warranty Coverage
 TLV CO., LTD. warrants this product to the original purchaser to be free
 from defective materials and workmanship. Under this warranty, the
 product will be repaired or replaced at our option, without charge for parts
 or labor.
- 3. This product warranty will not apply to cosmetic defects, nor to any product whose exterior has been damaged or defaced; nor does it apply in the following cases:
 - 1) Malfunctions due to improper installation, use, handling, etc., by other than TLV CO., LTD. authorized service representatives.
 - 2) Malfunctions due to dirt, scale, rust, etc.
 - 3) Malfunctions due to improper disassembly and reassembly, or inadequate inspection and maintenance by other than TLV CO., LTD. authorized service representatives.
 - 4) Malfunctions due to disasters or forces of nature.
 - 5) Accidents or malfunctions due to any other cause beyond the control of TLV CO., LTD.
- 4. Under no circumstances will TLV CO., LTD. be liable for consequential economic loss damage or consequential damage to property.

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For Service or Technical Assistance:

Contact your **TLM** representative or your regional **TLM** office.

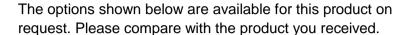
Manufacturer

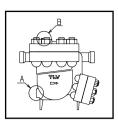
TLM. CO., LTD.

881 Nagasuna, Noguchi Kakogawa, Hyogo 675-8511 JAPAN

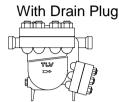
Tel: 81-(0)79 - 427 - 1800

Options





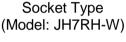
Options for Area A (standard: without drain plug)

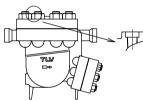


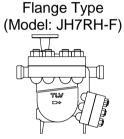
То	Torque Distance		ance	
		Across Flats		
N⋅m	(lbf·ft)	mm	(in)	
100	(73)	3) 26 (1)		
(1 N·m ≈ 10 kg·cm)				

Options for Area B (standard: with cover plug)

A pressure-balancing line connector can be attached to the place where the standard product has the cover plug.







 In principle, steam traps automatically discharge inflowing condensate. However, if low-temperature condensate in the piping blocks the trap inlet passage, displacement inside the piping of steam by condensate is obstructed and condensate can no longer flow into the trap (steam locking). Traps only function in the presence of condensate inflow. A pressure-balancing line prevents the occurrence of steam locking.

Install the pressure-balancing line in the following manner:

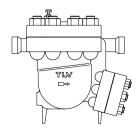
Example: Heat Exchanger

Steam
Pressure-balancing Line

Attach the pressure-balancing line to the trap and to either the equipment or to an area with a steam space.

Options for Area B (standard: with cover plug)

With Air Vent Valve (Model: JH7RH-V)



Operating the Air Vent Valve



Be sure to use only the recommended components when repairing the product, and NEVER attempt to modify the product in any way. Failure to observe these precautions may result in damage to the product or burns or other injury due to malfunction or the discharge of fluids.

Installation, inspection, maintenance, repairs, disassembly, adjustment and valve opening/closing should be carried out only by trained maintenance personnel.

 Locate the air vent valve exhaust port before operating the air vent valve, in order to avoid being burned by hot air or steam blowing from the air vent valve. The exhaust port is a 2 mm (¹/₁₆ in) diameter hole on the side of the air vent valve body.

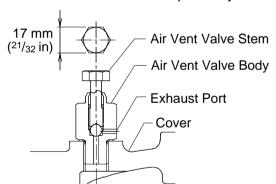
DO NOT under any circumstances allow any unprotected part of your body to come in front of this hole.

2. Never leave an open air vent valve unattended.

Tools required: 1) open-end wrench (distance across flats 17mm (21/32 in))

- 2) long-handled mirror to check for steam leakage after closing the exhaust port (leaking steam cloud the mirror)
- Using the open-end wrench, slowly turn the hexagonal head of the valve stem counterclockwise.
- Watch the exhaust port to determine the condition of the fluid discharged.
 General guidelines:

<u>Cloudy</u>-water droplets and mist spraying out, indicating that air and condensate are being discharged <u>Clear</u>---indicating that steam is being discharged; the valve port may now be closed





The air vent valve stem cannot be removed from the air vent valve body. Attempting to remove the valve stem by pulling it upward may damage it and cause burns or other injury due to malfunction or the discharge of steam or condensate.

- 3. Use the following procedure to close the valve and check for leaks:
 - Using the open-end wrench, close by slowly turning the hexagonal head of the valve stem clockwise until contact with the valve seat is felt.
 - Apply a little more pressure to tighten securely.
 Note: Using an ordinary open-end wrench (handle length about 160 mm (6½ in)), the valve will close with only a light turn pressure. Tightening with too much force may result in seizure or damage to the seat.
 - After tightening, place the mirror close to the front of the exhaust port. If the mirror clouds, the valve is not fully closed; tighten a bit more.
- 4. When air enters the piping at start-up, it may accumulate inside the trap and hinder the flow of condensate (air binding). Air binding may also occur during the normal course of trap operation, due to the slow accumulation of air inside the

trap. The air vent valve on the top of this trap is to be operated only when air binding has occurred. Follow the instructions in the earlier part of this section to operate the air vent valve and release the air accumulated inside the trap. (The air vent valve is to be open only for as long as is necessary to release the accumulated air. If left open, it is extremely dangerous, so be sure to close tightly after operation.)

Disassembly / Reassembly of Air Vent Valve

Air Vent Valve Unit		Consult the table of tightening torques and tighten to the proper torque
Air Vent	Remove the gasket and clean the	Replace with a new gasket; coat surfaces
Valve Gasket	sealing surface	with anti-seize

Table of Tightening Torques

Part Name		Torque		Distance Across Flats	
		N⋅m	(lbf·ft)	mm	(in)
Air Vant Valva Dady	JH7RH-V	100 (73)	100 (73)	24	(¹⁵ / ₁₆)
Air Vent Valve Body	JH7RHT-V	100	(73)	27	(1 ¹ / ₁₆)

(1 N·m \approx 10 kg·cm)

NOTE: -Coat all threaded portions with anti-seize.

-If drawings or other special documentation were supplied for the product, any torque given there takes precedence over values shown here.