



YARWAY UNIVERSAL CONNECTOR STEAM TRAP RENEWAL KITS

INSTRUCTION, OPERATION AND MAINTENANCE MANUAL

Before installation, these instructions must be carefully read and understood.

721-UC Disc Trap



UF800 Float Universal Connector renewal kit



GENERAL

Yarway's Universal Connector Renewal Kits upgrade an existing Universal Connector body and are available in multiple steam trap technology types to fit all applications.

Retrofitting a Universal Connector body to the Yarway 700 Series Unibody line offers additional benefits for future renewals. Rather than replacing the entire trap next time, only the capsule needs changed, saving time and expense.

Please refer to document VCIOM-09541 for further information on installing, operating, and maintaining the Yarway 700 Series Unibody.

Technology	Product Family	Universal Connector Position	Dimension A, inches (mm)	Description	Part Number
Thermodynamic	721-UC-A 711-UC-A	Side-mounted	3.94 (100)	SC	YG112727-12
				HC	YG112727-13
				HP	YG112727-14
				XHC	YG112727-15
	721-UC 711-UC	Top-mounted	2.75 (70)	SC	YG112727-07
				HC	YG112727-09A
				HP	YG112727-08
	741-UC 731-UC	Any Position	5.2 (132)	XHC	YG112727-10
				AH internals	YG112728-11
				AL internals	YG112728-10
BH internals				YG112728-13	
BL internals				YG112728-12	
CL internals				YG112728-14	
CH internals	YG112728-15				
EH internals	YG112728-17				
EL internals	YG112728-16				
Thermostatic	761-UC 751-UC	Any Position	3.1 (78)	05 Internals	YG112729-05
				40 Internals	YG112729-06
	HP Internals	YG112729-07			
	UB300	Any Position	4.5 (114)	Standard	UB300-UB
Mechanical	UF800	Side-mounted	7.5 (190)	65 psi max ΔP	UF800-65
				145 psi max ΔP	UF800-145
				203 psi max ΔP	UF800-203
				305 psi max ΔP	UF800-305
				464 psi max ΔP	UF800-464

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WARNING

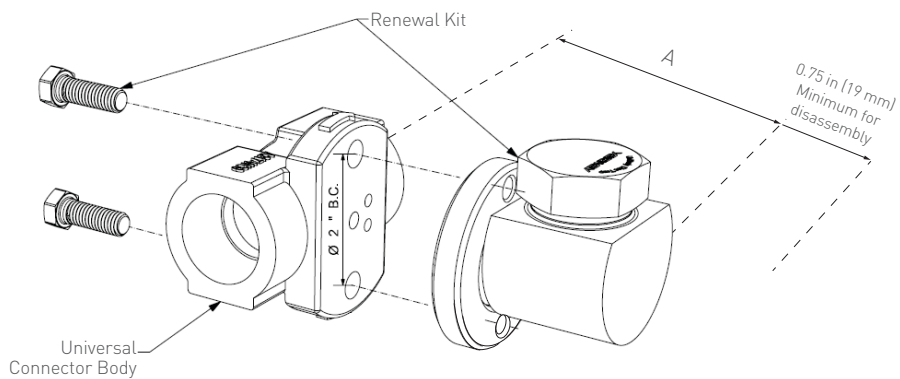
Hot discharge from this product may cause severe burns. Discharge must be piped away or directed so that persons in the vicinity are not endangered. This product must be isolated, vented and cool to the touch before repairing or inspecting.

INSTALLATION

Follow these steps to ensure proper trap operation:

1. Make certain all isolation and stop valves are closed.
2. SLOWLY open the strainer blow down and test tee valves to relieve pressure.
3. Do not disassemble a hot trap. Allow time for it to cool, or pour cool water on it prior to any work.
4. Clean all gasket seating surfaces. Take care not to scratch gasket surfaces.
5. Verify that both the inner and outer gaskets are in place on the Universal Connector renewal kit.
6. Assemble the Yarway Universal Connector renewal kit to the 'All Position' connector. Take care to align the body's flow arrow correctly. Torque the two bolts to 35 to 50 ft-lbs (47.5 to 67.8 N•m) making sure to tighten the bolts evenly.

FIGURE 1
Dimensions



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NOTE

Any malfunction of this product must be reported to the service department.

Repair made to the product by unauthorized personnel will void the warranty.

Right to know laws and OSHA standard 29CFR (1910.1200)

Material Safety Datasheets on the following Yarway products: Valves, Steam traps and Strainers

The OSHA Hazard Communication Standard 29CFR 1910.1200, states that the standard does not apply to 'articles'. The standard defines an article as:

'A manufactured item formed to a specific shape or design for a particular use which does not release or otherwise expose an employee to a hazardous chemical under normal conditions of use'.

The above named products fall within the definition of an 'article', no Material Safety Datasheets are available or are required. Our product is manufactured as an 'end product'. If the product is a weld end, the following applies.

WARNING

Materials used in manufacture of Yarway products are considered in a stable condition when shipped.

However, under certain conditions purchasers could create potential hazardous conditions by their future operations.

CAUTION

Welding, cutting, burning, machining or grinding of this product can generate toxic dust and fumes of potentially hazardous ingredients. The dust or fumes can cause irritation of the respiratory tract, nose, throat, skin and eyes. It may cause temporary or permanent respiratory disease in a small percentage of exposed individuals. Use moderate ventilation when grinding or welding. Avoid breathing dust, fumes or mist. Avoid prolonged skin contact with dust or mist. Maintain dust levels below OSHA and ACGIH levels. Use protective devices. Wash hands thoroughly after contact with dust before eating or smoking.

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