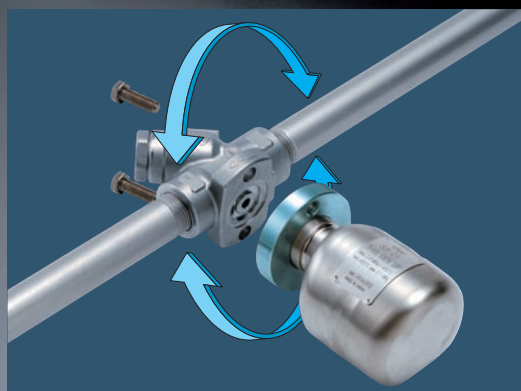
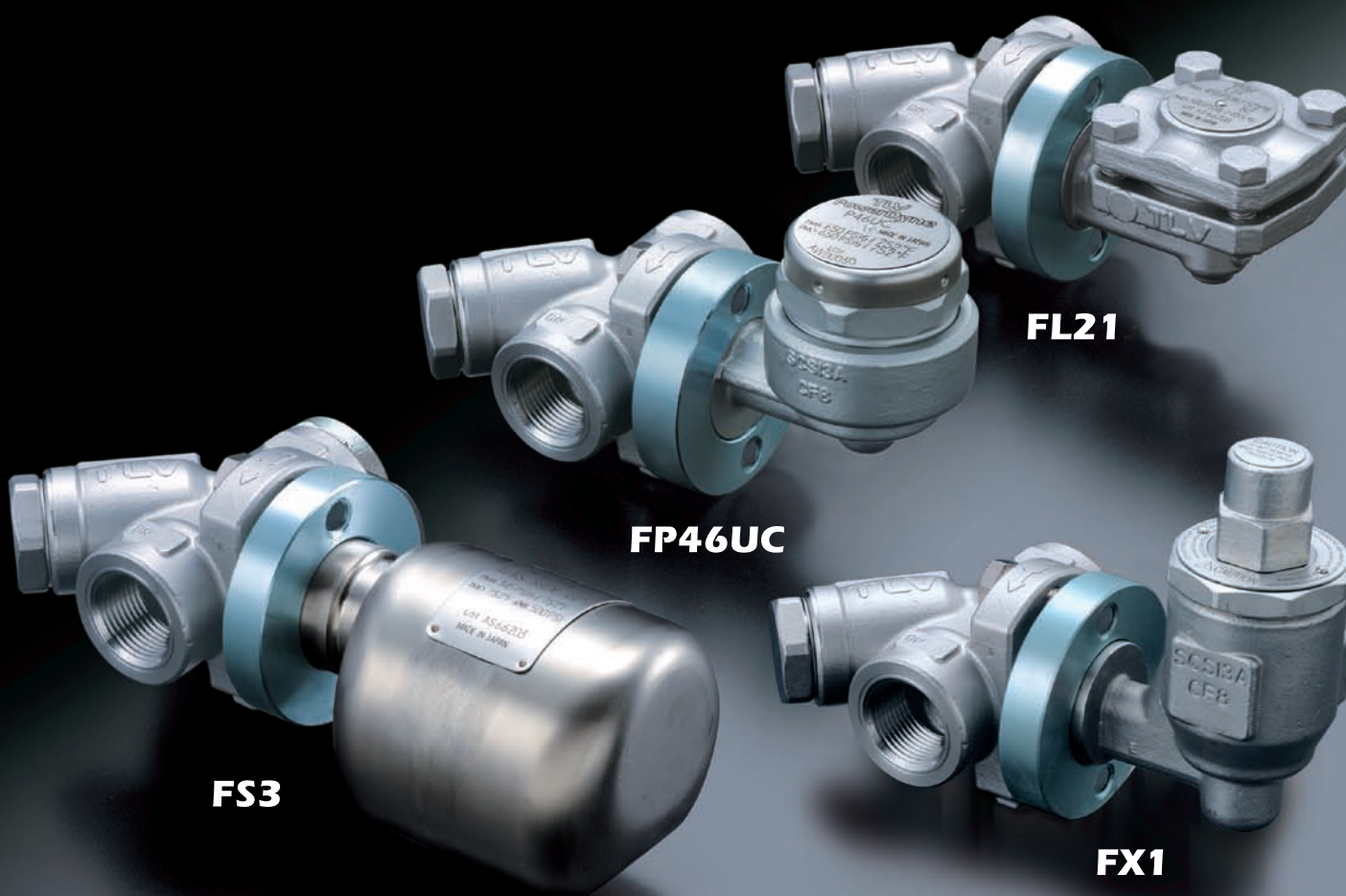


TLV[®]

QuickTrap[®] Series

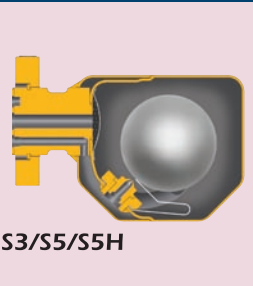
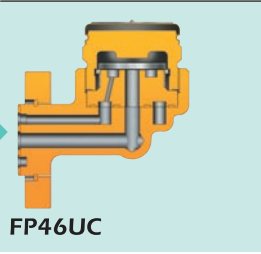
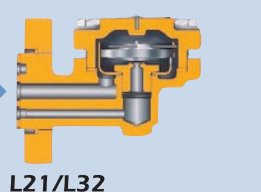
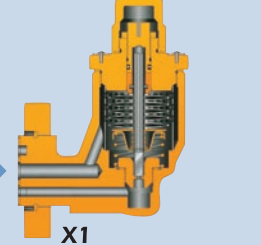
Lower Replacement Costs



- **Universal 2-bolt Connector for Installation Regardless of Piping Configuration**
- **Trap Installation and Replacement in Minutes**

Application Choice

TLV's QuickTrap Series provides a choice of trap operating principles to match application requirements. Combine the durable F46 Connector Unit with a Free Float, Thermodynamic, Balanced-pressure or Bimetal Thermostatic Trap Unit to ensure maximum operating efficiency.

Connector Unit + Trap Unit	Features	Application
 <p>S3/S5/S5H</p>	<p>FS Series Free Float type</p> <ul style="list-style-type: none"> ● Free Float ensures rapid removal of condensate ● Unique "three-point" seating provides tight shutoff, even under no-load conditions ● Bimetal vent for discharge of air at start-up ● All-welded maintenance-free construction 	<p>Choose the FS Series when it is essential that no condensate is held back in the steam space;</p> <p>e.g. Steam Main Drainage and High-Temperature Tracing</p>
 <p>FP46UC</p>	<p>FP46UC Thermodynamic type</p> <ul style="list-style-type: none"> ● Rugged thermodynamic principle for arduous conditions ● Air-jacketed cap prevents no load actuation ● Bimetal vent for discharge of air at start-up 	<p>Choose the FP46UC when low ambient temperature can cause "Freeze-ups";</p> <p>e.g. Jacketed Pipe Tracing and Steam Main Drainage</p>
 <p>L21/L32</p>	<p>FL Series Thermostatic type</p> <ul style="list-style-type: none"> ● Unique Fail-open X-element ● Outstanding air venting capacity 	<p>Choose the FL Series to prevent loss of heating on trap failure;</p> <p>e.g. Steam Tracing</p>
 <p>X1</p>	<p>FX1 Thermostatic type</p> <ul style="list-style-type: none"> ● Controls condensate discharge temperature from 120 to 390°F ● Built-in auger device removes scale from valve seat 	<p>Choose the FX1 to use the sensible heat of condensate for product heating;</p> <p>e.g. Low Temperature Tracing</p> <p>See specification data sheet (SDS) for full application details.</p>

Type	Free Float			Thermodynamic	Thermostatic		
Model	FS3	FS5	FS5H	FP46UC	FL21	FL32	FX1
Max. Operating Pressure (psig)	300	450	650	650	300	450	300
Max. Operating Temperature (°F)	752	752	800	752	455	464	662
Max. Discharge Capacity (lb/h)	475	1510	530	1630	1710	1160	650
Connector Unit	F46						
Trap Unit*	S3	S5	S5H	P46UC	L21	L32	X1

* Designed for use with F46, F32 Connector Units and V1/V2/V1P/V2P Trap Stations. Trap and Connector Units sent as separate units for flexible installation. Full product details (sizes, pressures, capacities and materials) are included in the individual specification data sheets (SDS). Local regulations may restrict the use of these products to below the conditions quoted.



DO NOT DISASSEMBLE OR REMOVE THIS PRODUCT WHILE IT IS UNDER PRESSURE. Allow internal pressure of this product to equal atmospheric pressure and its surface to cool to room temperature before disassembling or removing. Failure to do so could cause burns or other injury. READ INSTRUCTION MANUAL CAREFULLY.

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For Technical Service 1-800 "TLV TRAP"



Manufacturer

TLV CO., LTD.

Kakogawa, Japan

is approved by LRQA Ltd. to ISO 9001/14001

ISO 9001/ISO 14001

