

Assist Trap

TFA-2000

Features

- 1. Function as a float trap with a built-in pump trap ensures reliable operation in all pressure ranges from positive to negative values.
- Specially designed for condensate pumping at low pressure of small heat exchange systems such as heat exchangers and air handling units.
- 3. Easy maintenance without dismounting the trap from the piping. All main parts are set on the cover part.



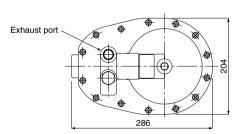
Specifications

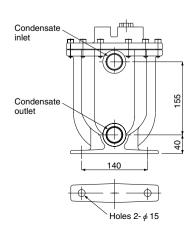
Nominal size		25A	
Application		Steam condensate	
Driving fluid		Steam	
Max. pressure		0.5 MPa	
Driving pressure		0.03-0.5 MPa	
Working differential pressure		(Back pressure + 0.03 MPa) to 0.5 MPa	
Max. temperature		160°C	
	Body	Ductile cast iron	
Material	Trim parts	Stainless steel	
	Float	Stainless steel	
Connection		JIS Rc screwed	
Check valve at inlet side		Built in (Swing type)	
Check valve at outlet side		Available (Use SCV-2, 25A)	

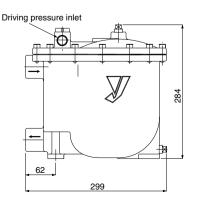
Dimensions (mm) and Weights (kg)

Condensate inlet	Condensate outlet	Driving pressure inlet	Exhaust port
Rc 1	Rc 1	Rc 1/2	Rc 1

Weight: 17 kg

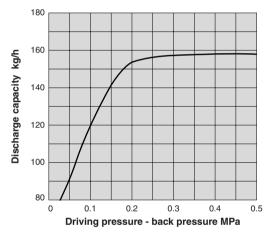






Assist Capacity (Pump Capacity)

The assist capacity depends on the inflow height of condensate. Multiply the inflow height by the appropriate corrected coefficient shown in the table below.



· Corrected Coefficient for Assist

Inflow height	Corrected	
(mm)	coefficient	
250	0.65	
300	1.0	
400	1.1	
500	1.75	

Steam Trap Capacity

