

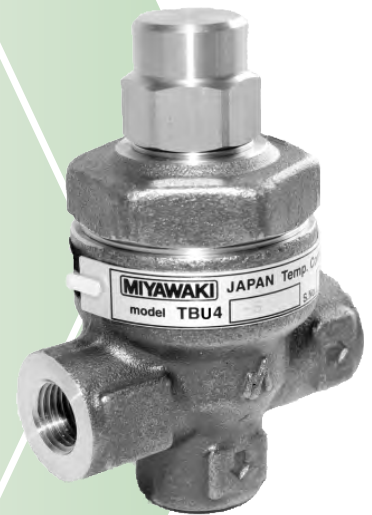
PRODUCT IMPROVEMENT TEMPERATURE CONTROL STEAM TRAP



TBC2 ENHANCES TO **TBU4**



OLD



NEW

AVAILABLE OPTIONS

STRAIGHT OR ANGLE CONNECTION



SCALE REMOVAL FUNCTION



WITH BLOW VALVE (BALL VALVE)



PRODUCT IMPROVEMENT TEMPERATURE CONTROL STEAM TRAP



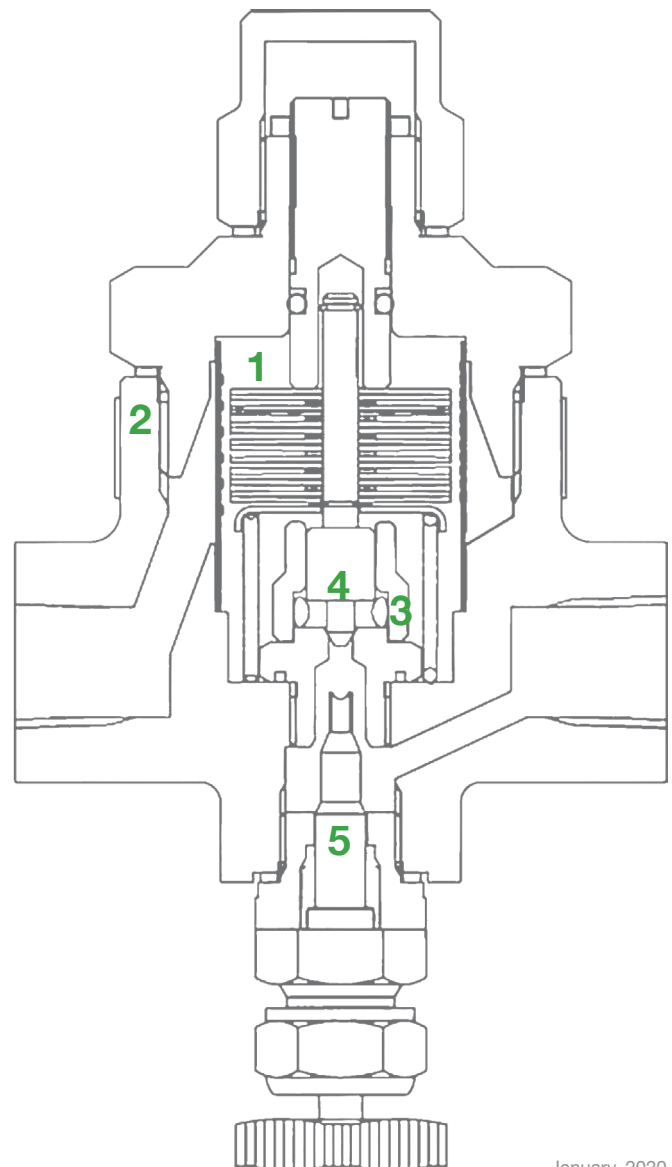
SPECIFICATIONS

MODEL	CONNECTION	SIZE	PMA	TMA	PMO	TMO	ADJUSTABLE RANGE	BODY MATERIAL
			MPa (psig)	°C (°F)	MPa (psig)	°C (°F)		
TBU4-6	straight	Screwed Rc, NPT 1/4", 3/8"	4.0 (580)	400 (752)	0.6 (87)	220 (428)	50-130 (122-266)	A182 F304
TBU4B-6	angle			230 (446)				
TBU4-6-SR	straight with scale removal unit		0.98 (142)	183 (361)	183 (361)			
TBU4B-6C	angle with blow valve							

Option: TBU4-10 with PMO 1.0 MPa

POINTS OF IMPROVEMENT

- 1 Improved design of the inner unit (bimetals, spring) for better functionality as temperature control trap
- 2 Expansion of the inner diameter and reduced height of the body for better maintainability
- 3 Increased number of holes in the valve seat and increased diameter of the holes for better condensate flow and reduced risk of accumulation of dirt and scale
- 4 Adoption of the SCCV system to the valve unit
 - prevention of overload to the valve and bimetals
 - better sealing performance of valve and seat
 - reduced wear of all internal parts
 - substantially longer service life
- 5 Additional function of removing scale by using the SR (scale removal) unit



MAIN AREAS OF APPLICATION

- Copper tracing lines
- Instrument heating
- Low temperature tracing applications

January, 2020