

PRODUCT IMPROVEMENT TEMPERATURE CONTROL STEAM TRAP



MIYAWAKI

TBC2 ENHANCES TO **TBU4**



AVAILABLE OPTIONS

STRAIGHT OR ANGLE CONNECTION



SCALE REMOVAL FUNCTION



WITH BLOW VALVE (BALL VALVE)



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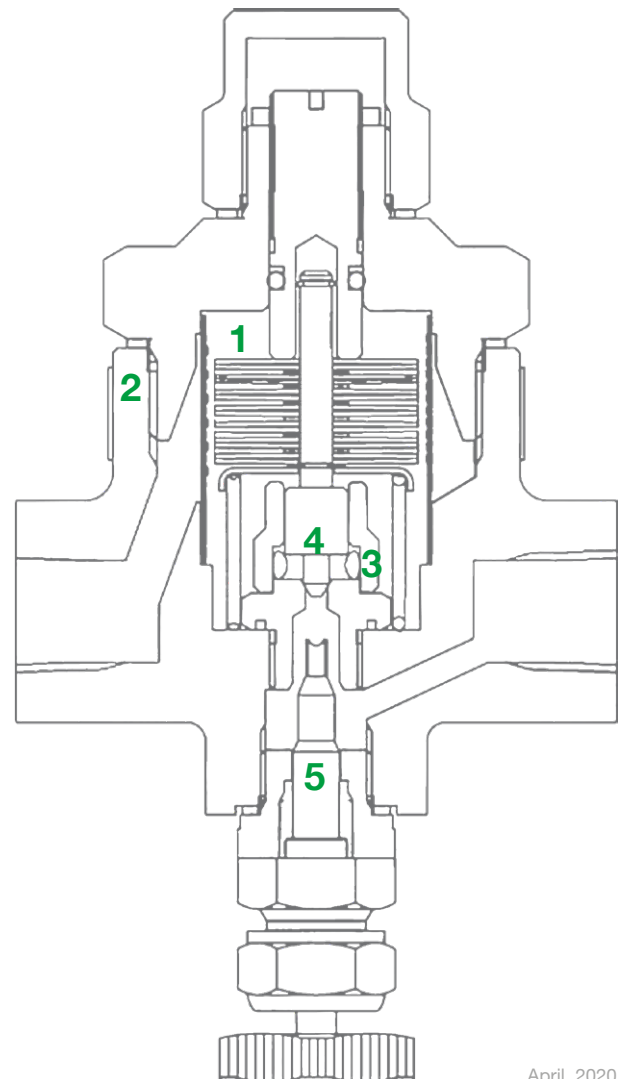
SPECIFICATIONS

MODEL	CONNECTION	SIZE	PMA	TMA	PMO	TMO	ADJUSTABLE RANGE °C (°F)	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

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