



Thermostatic Steam Modulators

Series TA-SM

January 2009

Tunstall Apollo Steam Modulators™

New Hybrid Technology

- Linear constant flow technology
- Instant prime
- Highly efficient: 99% + efficiency
- Protects system from water hammer
- Built with precision machine shop tolerances and specifications long overdue for the HVAC industry
- Excellent reliability and long life under extreme conditions
- Simple to inspect and service
- The modern method to blend existing steam principles with high tech manufacturing
- Operating on a close approach flow limit principle
 - Continuously modulates with an effective range of 15" vacuum to 300 psi steam



*Energy
Conservation
Today*



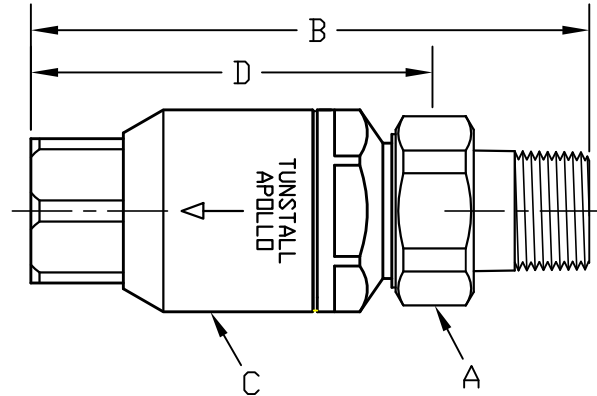


APOLLO TA GREEN-LINETM THERMOSTATIC STEAM MODULATORS

Pressures to 300 PSIG
Temperatures to 420°F

APPLICATIONS

- Steam Tracing
- Sterilizers
- Drip legs
- Cooking Equip.
- Plating Tanks
- Tire Presses
- Air Vents
- Unit Heaters
- Laundry Equip.
- Process Equip.
- Radiators
- Optional Modulating Orifice Technology *



SPECIFICATIONS

Model No.	APOLLO TA-50	APOLLO TA-75	APOLLO TA-100	APOLLO TA-125
Pipe Size IN	1/2 NPT M	3/4 NPT M	1 NPT M	1-1/4 NPT M
Pipe Size OUT	1/2 NPT FM	3/4 NPT FM	1 NPT FM	1-1/4 NPT FM
A	1/2 Union	3/4 Union	1 Union	1-1/4 Union
B	4-21/32"	4-27/32"	5-1/8"	7-1/8"
C	1-3/4" Dia.	1-3/4" Dia.	1-3/4" Dia.	2-1/4" Dia.
D (less union)	3-15/32"	3-1/2"	3-1/2"	5-1/2"

WORKING CAPACITY – PROCESS APPLICATIONS (LBS. CON. / HR)

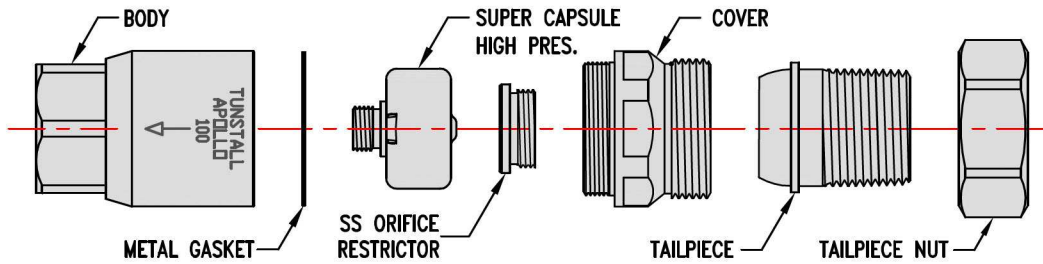
Model No.	DIFFERENTIAL PRESSURE PSIG											
	1.0	2.0	5.0	10	15	30	70	100	125	150	200	250
APOLLO TA-50	175	230	330	370	390	410	430	485	550	600	630	645
APOLLO TA-75	250	330	470	520	550	580	610	690	790	850	900	920
APOLLO TA-100	450	590	830	920	980	1020	1080	1220	1400	1500	1600	1625
APOLLO TA-125	1190	1350	1590	1760	1840	2000	2450	2880	3230	3500	4000	4380





Established 1958

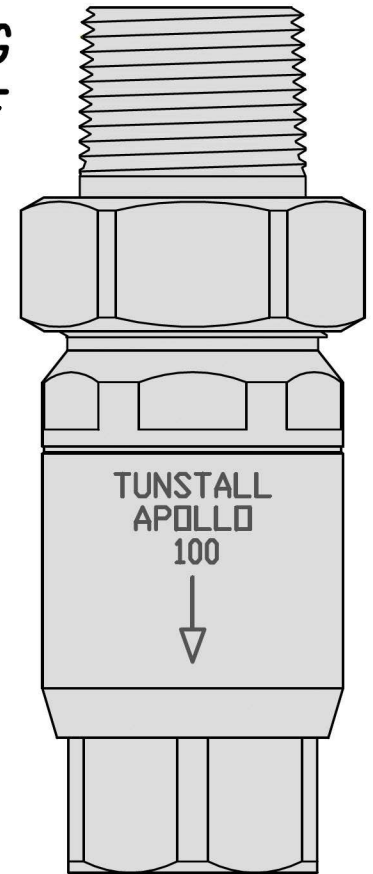
APOLLO TA GREEN-LINE™ THERMOSTATIC STEAM MODULATORS



**PRESSURES TO 300 PSIG
TEMPERATURES TO 420°F**

THE MODERN, EFFICIENT WAY TO MINIMIZE AND LOWER
ENERGY COSTS – KEEP YOUR STEAM LINES GREEN!

1. **HYBRID TECHNOLOGY** CONTROLS MULTIPLE STEAM AND CONDENSATE DEMANDS
2. REPLACE INVERTED BUCKET TRAPS – NO PRIMING REQUIRED
3. REPLACE FLOAT AND THERMOSTATIC TRAPS
4. SIMPLE, FAST, ECONOMICAL



**SAVE ENERGY
TODAY!**

TYPICAL APPLICATION

