













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Hydronic Balancing Solutions



Manual Balancing Valves

½–2" | DN15–DN50

[Download publication 08.16](#) for complete information

- “Y” patterned globe valve
- Digital hand wheel with 4 turns to open, and includes memory stop
- Pressures up to 400 psi | 2758 kPa | 28 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact [Victaulic](#) for details



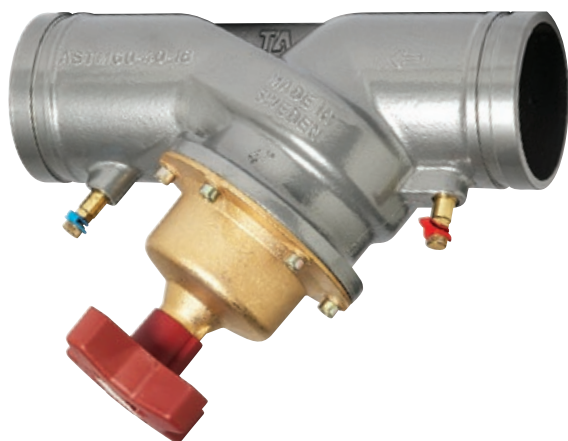
TA Series 786
Solder End



TA Series 787H
Female Threaded End



Series 78KH
Union Inlet



Manual Balancing Valves

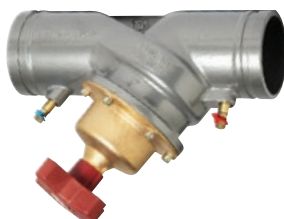
2½–16" | 73.0mm–DN400

[Download publication 08.16](#) for complete information

- “Y” patterned globe valve
- Digital hand wheel with 8, 12, or 16 turns to open (depending on size), and includes memory stop
- Pressures up to 350 psi | 2413 kPa | 24 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact [Victaulic](#) for details



TA Series 788
Class 150 Flanged End
2½–16" | 73.0mm–DN400



TA Series 789
Grooved End
2½–12" | 73.0mm–DN300



Manual Balancing Ball Valve

TA SERIES 78BL

[Download publication 08.50](#) for complete information

- Shut-off, manual throttling and measuring valve with reduced port
- IAPMO Certified in accordance with ANSI/NSF 61 for cold +73°F | +23°C and hot +180°F | +82°C potable water service and ANSI/NSF 372
- Sizes from ½–2" | DN15–DN50
- Pressures up to 400 psi | 2800 kPa | 28 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact [Victaulic](#) for details

Certifications/Listings:



[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings



Series 76T
Female x Female



Series 76K
Male x Female

Automatic Balancing Valves

THREADED END

[Download publication 08.34](#) for complete information

- Contains an automatic cartridge with a replaceable orifice plate, specify cartridge type when ordering
- Differential pressure range dependent upon cartridge selected; 43.5 psi | 300 kPa | 3 bar or 87 psi | 600 kPa | 6 bar
- DZR brass body with an EPDM O-Ring and NPT thread
- Sizes from ½–2" | DN15–DN50
- Pressures up to 365 psi | 2517 kPa | 25 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact [Victaulic](#) for details

Hydronic Balancing Solutions



Automatic Balancing Valve with Ball Valve Kit

THREADED END

[Download publication 08.34](#) for complete information

- Contains an automatic cartridge with a replaceable orifice plate, specify cartridge type when ordering
- Differential pressure range dependent upon cartridge selected; 43.5 psi | 300 kPa | 3 bar or 87 psi | 600 kPa | 6 bar
- DZR brass body with an EPDM O-Ring and NPT thread
- Sizes from ½–2" | DN15–DN50
- Pressures up to 365 psi | 2517 kPa | 25 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact [Victaulic](#) for details



Series 76B
Female Threaded End



Series 76V
Union Inlet



Automatic Balancing Valve

SERIES 76G (GROOVED END)

[Download publication 08.34](#) for complete information

- Integrated orifice plate for direct flow measurement
- Grooved body connection for easy maintenance
- Differential pressure range
1.9–87 psi | 13–600 kPa | 0.15–6 bar
- Size from 2½–6" | 73.0 mm–DN150
- Pressures up to 365 psi | 2517 kPa | 25 bar
- Rated from -4°F to +230°F | -20°C to +110°C
- Regional availability, contact [Victaulic](#) for details



ICSS Low Lead Balancing Valve

TA SERIES 76X

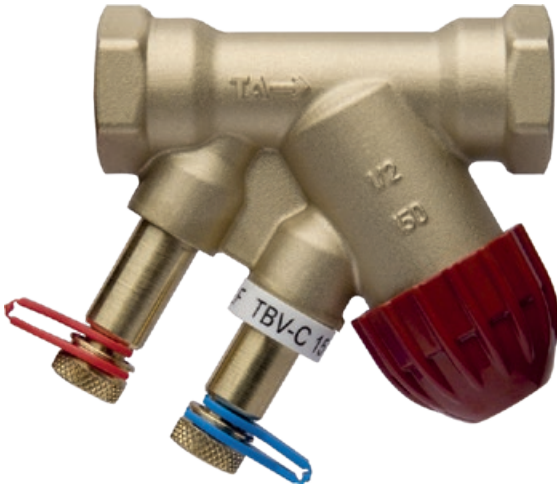
[Download publication 08.51](#) for complete information

- Differential pressure options
2–32 psi | 13.78–220.6 kPa | .15–2 bar and
5–60 psi | 34–414 kPa | 3–4 bar
- Sizes from ½–¾" | DN15–DN20
- Pressures up to 400 psi | 2758 kPa | 28 bar
- Regional availability, contact [Victaulic](#) for details

Certifications/Listings:



[Download publication 02.06](#) for ANSI/NSF Potable Water Approvals/Listings

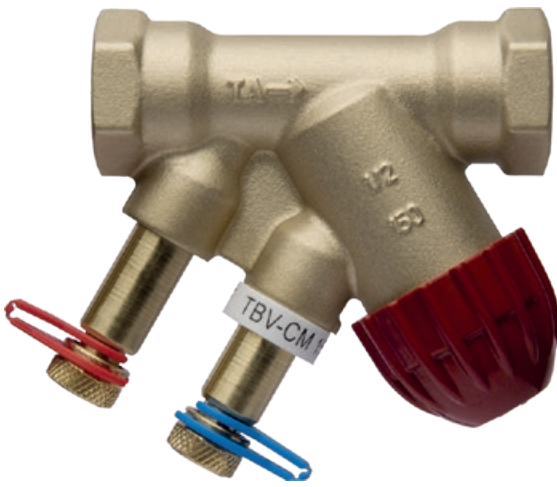


Terminal Balancing and Control Valve—Female x Female

TA SERIES TC

[Download publication 08.38](#) for complete information

- Designed for on/off control
- Ensures accurate hydronic control and optimum throughput over a long lifetime
- Sizes from ½–1" | DN15–DN25
- Pressures up to 230 psi | 1586 kPa | 16 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact [Victaulic](#) for details



Terminal Balancing Valve for Modulating Control—Female x Female

TA SERIES TCM

[Download publication 08.38](#) for complete information

- Designed for modulating control or on/off
- Ensures accurate hydronic control and optimum throughput over a long lifetime
- Sizes from ½–1" | DN15–DN25
- Pressures up to 230 psi | 1586 kPa | 16 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact [Victaulic](#) for details



Pressure Independent Balancing and Control Valve (PIBCV)

TA SERIES 7FP

[Download publication 08.53](#) for complete information

- Measures flow, differential pressure, temperature and pump head
- EQM characteristics (Equal Percentage Modified)
- 1¼–2" | DN32–DN50: Female NPT Threads; Pressures up to 230 psi | 1586 kPa | 16 bar
- 2½–6" | 73.0 mm–DN150: ANSI Class 150 Flange; Pressures up to 365 psi | 2517 kPa | 25 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact [Victaulic](#) for details



Compact Pressure Independent Balancing and Control Valve

TA SERIES 7CP

[Download publication 08.37](#) for complete information

- Lower pump head/energy consumption
- Sizes from ½ – 1¼" | DN15 – DN32
- Pressures up to 230 psi | 1586 kPa | 16 bar
- Rated from +32°F to +194°F | +0°C to +90°C
- Regional availability, contact [Victaulic](#) for details



Pressure Independent Balancing and Modulating Control Valve

TA SERIES 7MP

[Download publication 08.55](#) for complete information

- EQM flow characteristics provide highly precise temperature control
- Sizes from ½ – 3" | DN15 – DN80
- Pressures up to 365 psi | 2517 kPa | 25 bar
- Rated from +32°F to +194°F | +0°C to +90°C
- Regional availability, contact [Victaulic](#) for details



Control Valve with Return Temperature Controller

TA SERIES 7CT

[Download publication 08.36](#) for complete information

- Lower pump head/energy consumption
- Sizes from ½ – 1" | DN15 – DN25
- Pressures up to 230 psi | 1586 kPa | 16 bar
- Rated from +14°F to +122°F | -10°C to +50°C
- Regional availability, contact [Victaulic](#) for details



Differential Pressure Controller— Female Threaded End

TA SERIES 793

[Download publication 08.29](#) for complete information

- Features AMETAL® body providing dielectric protection
- Sizes from ½–2" | DN15–DN50
- Capable of stabilizing differential pressures up to 23.3 psi | 160 kPa | 1.6 bar
- Regional availability, contact [Victaulic](#) for details



Differential Pressure Controller— Flanged End

TA SERIES 794

[Download publication 08.29](#) for complete information

- Features a ductile iron body
- Sizes from 2½–4" | 73.0mm–DN100
- Capable of stabilizing differential pressures up to 23.3 psi | 160 kPa | 1.6 bar
- Regional availability, contact [Victaulic](#) for details

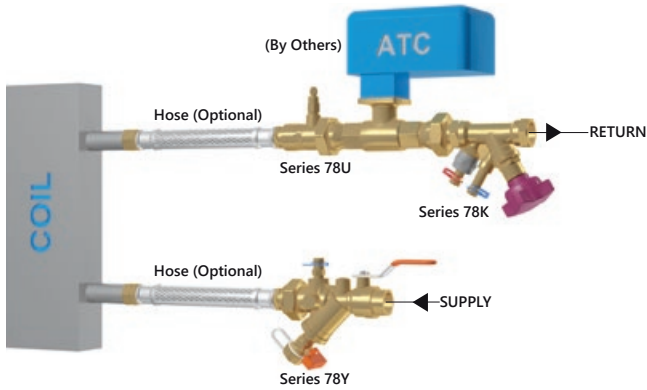


Differential Pressure Controller— Flanged End

TA Series 7PR

[Download publication 08.46](#) for complete information

- Features a ductile iron valve body and a non-ferrous AMETAL® DZR brass copper alloy pilot body
- Sizes from 2½–8" | 73.0mm–DN200
- Capable of stabilizing differential pressures up to 116 psi | 800 kPa | 8 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact [Victaulic](#) for details

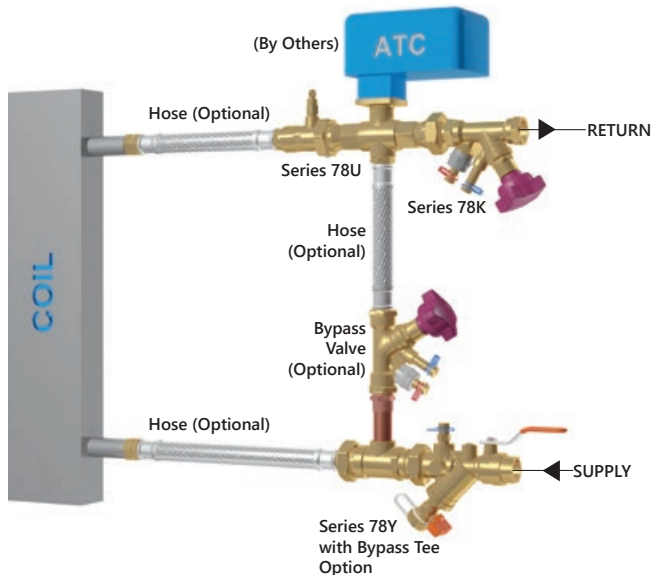


Standard KOIL-KIT™ Coil Pack

SERIES 799

[Download publication 08.30](#) for complete information

- The Series 799 consists of the following components: a Series 78Y Y-strainer/ball valve or Series 78T ball valve union combination; a Series 78U union port fitting; and a Series 78K, Series 786 (sweat) or Series 78BL balancing valve; with or without hoses; and with or without PT and handle extensions
- Suitable for a variety of hot and cold water applications including treated and untreated water systems
- Sizes from ½–2" | DN15–DN50
- Regional availability, contact [Victaulic](#) for details



KOIL-KIT™ Coil Pack with ATC and Bypass Options

SERIES 79B and SERIES 79A

[Download publication 08.30](#) for complete information

- The Series 79B consists of the following components: Series 78Y Y-strainer/ball valve or Series 78T ball valve union combination, two coil hoses, a Series 78U union port fitting, and a balancing valve as well as various options for bypass valves
- The Series 79A includes option to have the ATC valve of your choice assembled and shipped with the Victaulic® KOIL-KIT™ coil pack
- Sizes from ½–2" | DN15–DN50
- Regional availability, contact [Victaulic](#) for details

Hydronic Balancing Solutions



KOIL-KIT™ Coil Pack for Air Handling Units

SERIES 79C and SERIES 79D

[Download publication 08.35](#) for complete information

- The Series 79C consists of the following components: Series 732 strainer with a blow down drain valve and a balancing valve
- The Series 79D includes the option of adding a Style 925 drain/air vent assembly included with the Victaulic® KOIL-KIT™ coil pack
- The Style 925 is provided with a Style 107 QuickVic™ rigid coupling which is used for connecting the Style 925 to the balancing valve
- Sizes from 2½–6" | 73.0mm–DN300
- Regional availability, contact [Victaulic](#) for details



KOIL-KIT™ Coil Hose

[Download publication 08.30](#) for complete information

- Stainless steel braided hose and an EPDM polymer core with stainless ferrules; available as male by female swivel and male by male swivel
- Available lengths:
12" | 300 mm; 24" | 610 mm; 36" | 914 mm
- Sizes from ½–2" | DN15–DN50
- 375 psi | 2585 kPa | 26 bar maximum CWP (varies by size)
- Suitable for operating temperatures up to +230°F | +110°C
- Regional availability, contact [Victaulic](#) for details



KOIL-KIT™ Y-Strainer/Ball Valve Combination

SERIES 78Y

[Download publication 08.30](#) for complete information

- DZR brass body consisting of a full port valve, strainer and blow down valve with flow measuring ports
- Multiple end connections available
- Sizes from ½–2" | DN15–DN50
- Pressures up to 400 psi | 2758 kPa | 28 bar
- Rated up to +230°F | +110°C
- Regional availability, contact [Victaulic](#) for details



KOIL-KIT™ Ball Valve/Union Combination

SERIES 78T

[Download publication 08.30](#) for complete information

- DZR brass body consisting of a union and blow down valve with flow measuring ports
- Multiple end connections available
- Sizes from ½–2" | DN15–DN50
- Pressures up to 400 psi | 2758 kPa | 28 bar
- Rated up to +230°F | +110°C
- Regional availability, contact [Victaulic](#) for details



KOIL-KIT™ Union Port Fitting

SERIES 78U

[Download publication 08.30](#) for complete information

- Multiple end connections available
- Sizes from ½–2" | DN15–DN50
- Pressures up to 400 psi | 2758 kPa | 28 bar
- Rated up to +230°F | +110°C
- Regional availability, contact [Victaulic](#) for details

Hydronic Balancing Solutions



TA Scope™

TA SERIES 734

[Download publication 08.16](#) for complete information

- A wireless, handheld device for the swift and accurate measurement of differential pressure, flow, temperature and power
- An independent sensor communicates with the TA Scope™ to deliver data quickly, thereby enabling contractors to balance a system, troubleshoot hydronic problems and log system performance
- Used in conjunction with HySelect computer program to obtain the most economical system design
- Regional availability, contact [Victaulic](#) for details



Link Differential Pressure Sensor

TA SERIES 736

[Download publication 08.16](#) for complete information

- Provides connection between a building's heating and cooling and the building's monitoring system (BMS)
- Continuously measures the flow and differential pressure through and across the IMI TA balancing valves
- Measurement probes provided for direct connection to the measurement points on all TA Series 786, 787, 788, and 789 balancing valves
- Regional availability, contact [Victaulic](#) for details