Вентили

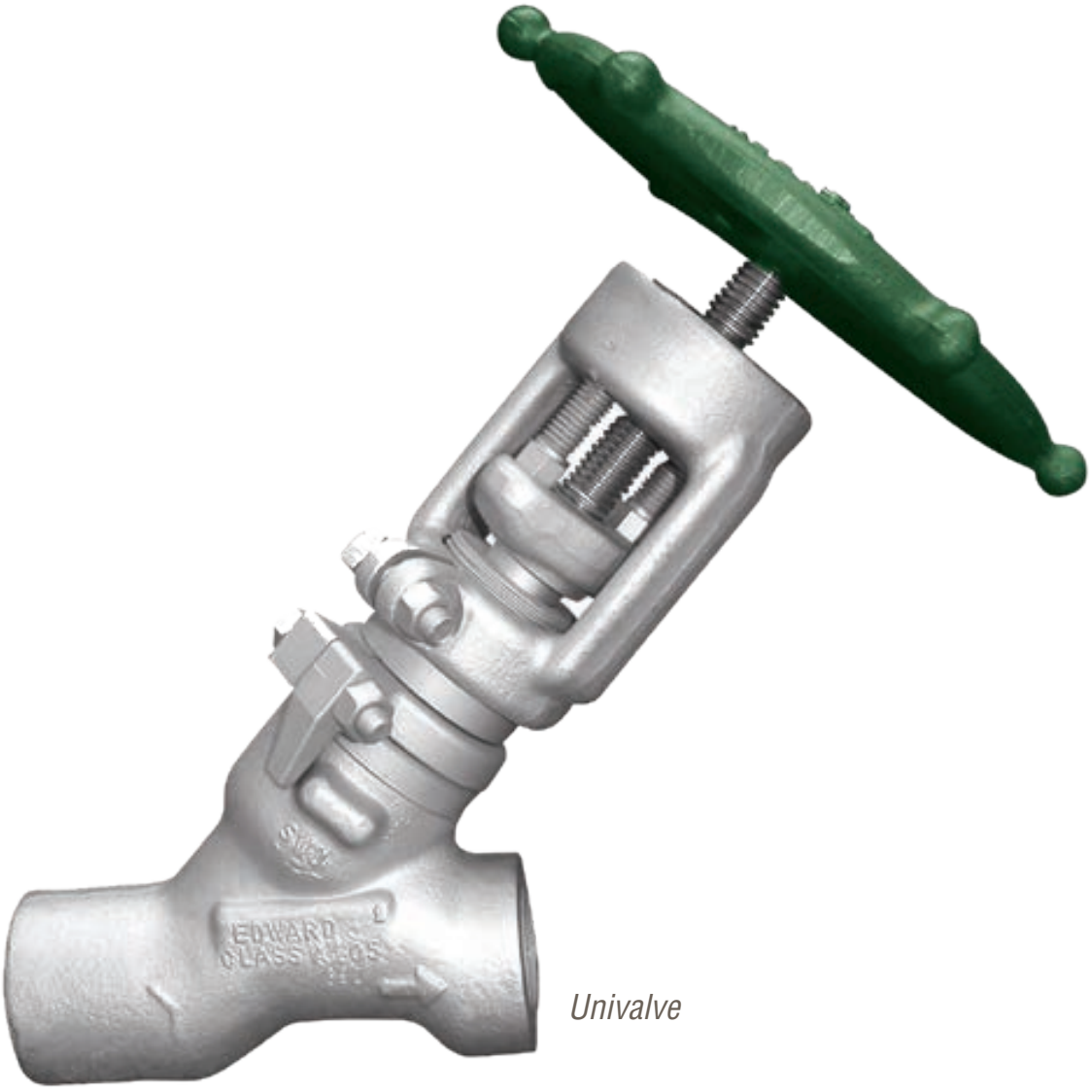
Технические характеристики

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47 Казахстан (772)734-952-31 Таджикистан (992)427-82-92-69

FLOWSERVE

Единый адрес для всех регионов: fvr@nt-rt.ru || www.flowserve.nt-rt.ru



Univalve

GLOBE

Maintaining a safe plant environment and extending service life — that's what's engineered into every Flowserve globe valve. Whether it's fail-safe response in nuclear plants or reliable performance in high-temperature/pressure boiler plant services, every Flowserve globe valve incorporates special features to maximize performance. Optimized flow passages and smooth transitions reduce pressure drop and destructive turbulence.

Globe – Quick Reference*

Product	Sub-Type	Sizes	Pressures	Temperatures
Flite-Flow® Main Steam Isolation	Y-Pattern	DN 600 to 850 NPS 24 to 34	PN 110 to 260 Class 600 to 900	-29°C to 565°C (-20°F to 1050°F)
Flite-Flow	Y-Pattern	DN 65 to 800 NPS 2½ to 32	PN 50 to 760 Class 300 to 4500	-29°C to 650°C (-20°F to 1200°F)
Univalve®	Y-Pattern	DN 15 to 100 NPS ½ to 4	PN 290, 460 and 760 Class 1690, 2680 and 4500	-29°C to 816°C (-20°F to 1500°F)
Edward Bolted Bonnet	Y-Pattern	DN 8 to 50 NPS ¼ to 2	PN 130 and 260 Class 800 and 1500	-29°C to 565°C (-20°F to 1050°F)
Edward Blow-off	Y-Pattern	DN 25 to 65 NPS 1 to 2½	PN 50 to 420 Class 300 to 2500	-29°C to 565°C (-20°F to 1050°F)
1878 Y-Pattern	Y-Pattern	DN 15 to 50 NPS ½ to 2	PN 20 to 325 Class 150 to 1878	-29°C to 371°C (-20°F to 700°F)
Anchor/Darling Y-Pattern	Y-Pattern	DN 15 to 600 NPS ½ to 24	PN 20 to 260 Class 150 to 1500	-29°C to 565°C (-20°F to 1050°F)

** Additional products shown on next page*

Globe – Quick Reference, cont'd.

Product	Sub-Type	Sizes	Pressures	Temperatures
Edward Bolted Bonnet	T-Pattern	DN 15 to 50 NPS ½ to 2	PN 110 and 260 Class 600 and 1500	-29°C to 538°C (-20°F to 1000°F)
1878 T-Pattern	T-Pattern	DN 15 to 50 NPS ½ to 2	PN 20 to 325 Class 150 to 1878	-29°C to 371°C (-20°F to 700°F)
Anchor/Darling T-Pattern	T-Pattern	DN 65 to 60 NPI 2½ to 24	25 to 260 Class 150 to 1500	-29°C to 565°C (-20°F to 1050°F)

Y-PATTERN

Flite-Flow Main Steam Isolation

Edward

High-performance, service-proven technology designed for use when Y-pattern globe valves are chosen for nuclear applications.

- Standards compliance achieved via construction per ASME Section III design code
- Plant and personnel safety assured by single-stored energy system, redundant control systems and verifiable 2–10-second, fail-safe response, regardless of main steam system conditions or loss of electrical power
- Increased reliability with functional verification prior to plant startup or during outages
- High efficiency due to optimized flow path plus integrated actuator
- Environmental and functional qualifications per IEEE requirements

SPECIFICATIONS

Sizes: DN 600 to 850; NPS 24 to 34
Press: PN 110 to 260; Class 600 to 900
Temp: -29°C to 565°C
(-20°F to 1050°F)

Refer to literature EVENCT0004 at / library.

Y-PATTERN

Flite-Flow

Edward

Reliable, stop and stop-check valve designed to provide maximum flow capacity and minimum leakage in high-pressure, high-temperature applications.

- Increased uptime via engineered design with optimized flow passages to minimize flow direction changes and reduce pressure drop
- High performance achieved by rigid body design to minimize body distortions and reduce leakage
- Minimized leakage through precise disc alignment between disc and seat
- Longer service life from detached design that minimizes body stress for increased body and hard-facing lifetime

SPECIFICATIONS

Sizes: DN 65 to 800; NPS 2½ to 32
Press: PN 50 to 760; Class 300 to 4500
Temp: -29°C to 650°C
(-20°F to 1200°F)

Refer to literature EVENCT0002 at / library.

Y-PATTERN

Univalve

Edward

High-performance globe valve designed for maximum flow capacity and minimum leakage in high-pressure, high-temperature applications.

- Increased uptime via engineered design with optimized flow passages to minimize flow direction changes and reduce pressure drop
- High performance achieved by rigid body design to minimize distortions and reduce leakage
- Minimized leakage between seat and disc through machined construction of body bore and hard-faced seat in a single operation to ensure tight seating
- Longer service life from design that eliminates side thrust issues and prevents misalignment, galling and stem bending

SPECIFICATIONS

Sizes: DN 15 to 100; NPS ½ to 4
Press: PN 290, 460 and 760; Class 1690, 2680 and 4500
Temp: -29°C to 816°C
(-20°F to 1500°F)

Refer to literature EVENCT0001 at /library.

GLOBE

Y-PATTERN

Edward Bolted Bonnet

Edward

Durable, high-performance small bore globe valve with a bolted-bonnet design for improved maintenance.

- Increased uptime from construction material hardness with a low coefficient of friction that results in reduced torque, minimal stem wear and elimination of galling
- Lower maintenance costs due to bolted bonnet, four-bolt design
- Longer service life from integral hardened seat and secondary stem which provide positive shutoff, extended seat life and leak protection
- Improved plant and personnel safety through rugged, knobbed hand wheel that provides sure grip, even when wearing gloves

SPECIFICATIONS

Sizes: DN 8 to 50; NPS ¼ to 2
Press: PN 130 and 260 Class 800 and 1500
Temp: -29°C to 565°C (-20°F to 1050°F)

Refer to literature EVENCT0001 at /library.

Y-PATTERN

Edward Blow-off

Edward

High-performance, blow-off valve designed for applications requiring intermittent operation to remove accumulated sediment from equipment and piping, or rapidly lower the boiler water level.

- Standards compliance assured by design that meets ASME boiler code criteria in a wide variety of applications
- Increased reliability via forged steel construction that withstands the rigors of intermittent use
- High-pressure, high-temperature performance assured through design, construction material graduations through increasing class sizes

SPECIFICATIONS

Sizes: DN 25 to 65; NPS 1 to 2½
Press: PN 50 to 420; Class 300 to 2500
Temp: -29°C to 565°C (-20°F to 1050°F)

Refer to literature EVENCT0001 at / library.

Y-PATTERN

1878 Y-Pattern

Anchor/Darling

Versatile, reliable Y-pattern globe valve designed with ideal size and weight parameters to deliver maximum utility when new or replacement Class 150 to 1878 valves are required.

- Lower operating costs and high inventory flexibility due to versatility of one valve designed to operate in three pressure classes
- Standards compliance assured by design that meets ASME Section III, Class 1, 2 and 3 design codes
- Increased durability via a one-piece, low-profile, investment cast body/yoke assembly that results in smooth flow passages
- Reduced maintenance with T-head stem design that enables easy changing of disc
- Functional qualifications per pressure Class 1878 (intermediate) requirements

SPECIFICATIONS

Sizes: DN 15 to 50; NPS ½ to 2
Press: PN 20 to 325; Class 150 to 1878
Temp: -29°C to 371°C (-20°F to 700°F)

Refer to literature ADENBR0002 at / library.

Anchor/Darling

Y-PATTERN

Anchor/Darling Y-Pattern

High-performance, investment cast globe valve designed to minimize destructive turbulence in a variety of demanding throttling applications.

- Increased uptime via large radius curves in body design to ensure smooth transitions and eliminate abrupt changes in fluid direction
- Lower maintenance costs enabled by no-weld design and rapid change kit
- Broad application versatility provided by Y, angle and Y-angle pattern valve options and wide range of pressure configurations
- Functional qualifications per pressure Class 1878 (intermediate) requirements

SPECIFICATIONS

Sizes: DN 15 to 600; NPS ½ to 24
Press PN 20 to 260; Class 150 to 1500
Temp: -29°C to 565°C
(-20°F to 1050°F)

Refer to literature EVENCT0004 at / library.

When and Where You Need Us

Flowserve customers never have to look far for support. Our network of manufacturing facilities, design centers of excellence, strategically located Quick Response Centers and on-site customer resources ensures you'll receive timely responses to your critical repair needs, engineering challenges, routine maintenance support and product upgrade requirements. In addition, our commitment to localization drives employment and training, creating a skilled workforce near our customers' locations.

Edward

T-PATTERN

Edward Bolted Bonnet

High-performance, small-bore stop valve designed with four-bolt, bolted-bonnet design for reliability and reduced maintenance; angle pattern models are also available.

- Increased uptime from construction material hardness with a low coefficient of friction that results in reduced torque, minimal stem wear and elimination of galling
- Longer service life from integral hardened seat and secondary stem, which provide positive shutoff, extended seat life and leak protection
- Improved plant and personnel safety through rugged, knobbed hand-wheel that provides sure grip, even when wearing gloves
- High-flow performance enabled by optimized flow passages that minimize flow direction changes and reduce pressure drops

SPECIFICATIONS

Sizes: DN 15 to 50; NPS ½ to 2
Press: PN 110 and 260; Class 600 and 1500
Temp: -29°C to 538°C
(-20°F to 1000°F)

Refer to literature EVENCT0001 at /library.

GLOBE

Anchor/Darling

T-PATTERN

1878 T-Pattern

Rugged, one-piece, low-profile globe valve constructed with precision cast body/yoke assembly using the latest investment casting techniques.

- Reduced maintenance with lower, non-rotating stem with T-head design that facilitates disc removal and replacement
- Standards compliance assured by design that meets ASME Section III, Class 1, 2 and 3 design codes
- Increased durability via a one-piece, low-profile, investment-cast body/yoke assembly that results in smooth flow passages
- Functional qualifications per pressure Class 1878 (intermediate) requirements
- Application versatility provided by three disc styles: quick-open plug, parabolic and cage type

SPECIFICATIONS

Sizes: DN 15 to 50; NPS ½ to 2
Press: PN 20 to 325; Class 150 to 1878
Temp: -29°C to 371°C (-20°F to 700°F)

Refer to literature EVENCT0004 at / library.

Anchor/Darling

T-PATTERN

Anchor/Darling T-Pattern

High-performance, cast-stop valve designed to minimize destructive turbulence in a variety of demanding throttling applications.

- Increased uptime via large radius curves in body design to ensure smooth transitions and eliminate abrupt changes in fluid direction
- Broad application versatility in high-temperature, high-pressure applications enabled by wide range of pressure and size options
- Longer service life from body and plug designed to minimize cavitation
- Available with functional qualifications per pressure Classes 150 through 1500 for nuclear service

SPECIFICATIONS

Sizes: DN 65 to 600; NPS 2½ to 24
Press: PN 20 to 260; Class 150 to 1500
Temp: -29°C to 565°C
(-20°F to 1050°F)

Refer to literature EVENCT0004 at / library.

По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47 Казахстан (772)734-952-31 Таджикистан (992)427-82-92-69

Единый адрес для всех регионов: fvr@nt-rt.ru || www.flowserve.nt-rt.ru