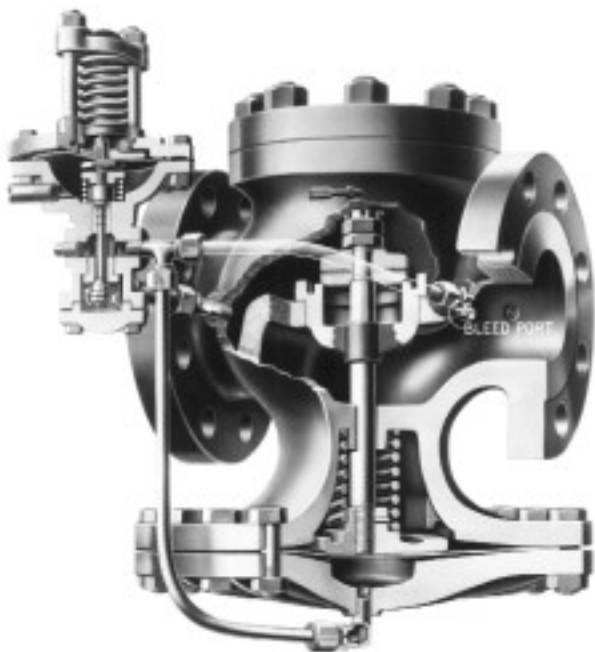


COMBINATION REGULATORS



TYPE ED SERIES PRESSURE REGULATOR

CAST IRON or STEEL
PRESSURES to 600 PSIG at 750°F

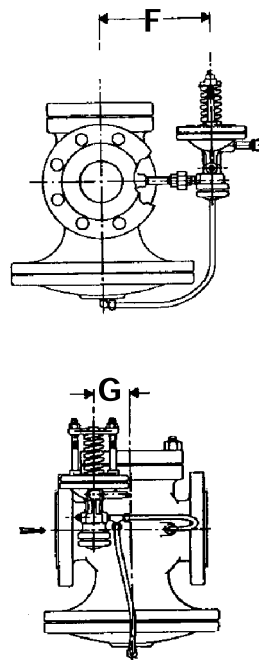
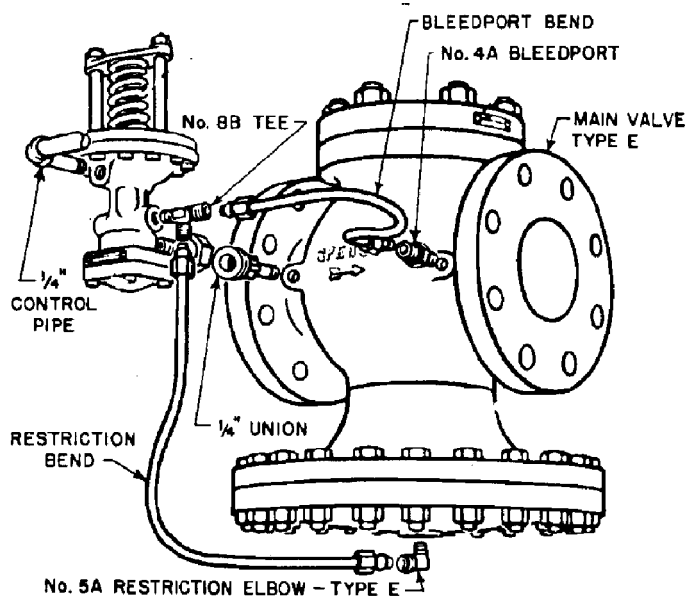
APPLICATION DATA

- Pressure Regulating for Steam Distribution
- Single Point or Multiple use Applications
- Pressure Control for Steam Plants
- District Heating Systems
- Single Stage Reductions
- Two Stage Reductions
- Parallel Reduction

TYPE ED PRESSURE REGULATOR

VALVE INFO
PAGE 28

PILOT INFO
PAGE 48



Valve is tapped so that
Pilot may be mounted
on either side.

DIMENSIONS inches (mm)

SIZE	F	G
3/8 (10)	5 3/8 (136)	1 1/4 (32)
1/2 (15)	5 3/8 (136)	1 1/4 (32)
3/4 (20)	5 3/8 (136)	1 3/8 (35)
1 (25)	5 3/4 (146)	1 1/2 (38)
1 1/4 (32)	6 (152)	1 7/8 (48)
1 1/2 (40)	6 1/4 (159)	2 (51)
2 (60)	6 5/8 (168)	2 1/8 (54)
2 1/2 (65)	6 3/4 (171)	2 3/8 (60)
3 (80)	7 1/4 (184)	2 3/4 (70)
4 (100)	8 (203)	3 1/2 (89)
5 (125)	9 (229)	3 1/2 (89)
6 (150)	9 7/8 (251)	4 (102)
8 (200)	10 1/2 (267)	6 1/4 (159)
10 (250)	12 1/2 (318)	6 (152)
12 (300)	14 (356)	8 1/2 (216)

TYPE E2D SERIES PRESSURE REGULATOR

CAST IRON
PRESSURES to 15 PSIG max.

APPLICATION DATA

- Pressure Regulating for Steam Distribution
- Single Point or Multiple use Applications
- Single Stage Reduction
- Parallel Reduction
- Low Pressure Drop to Operate Valve
- Instantaneous Hot Water Heaters with low supply pressures (with the addition of a T14 Pilot)



TYPE E2D
PRESSURE REGULATOR

TYPE E2D PRESSURE REGULATOR

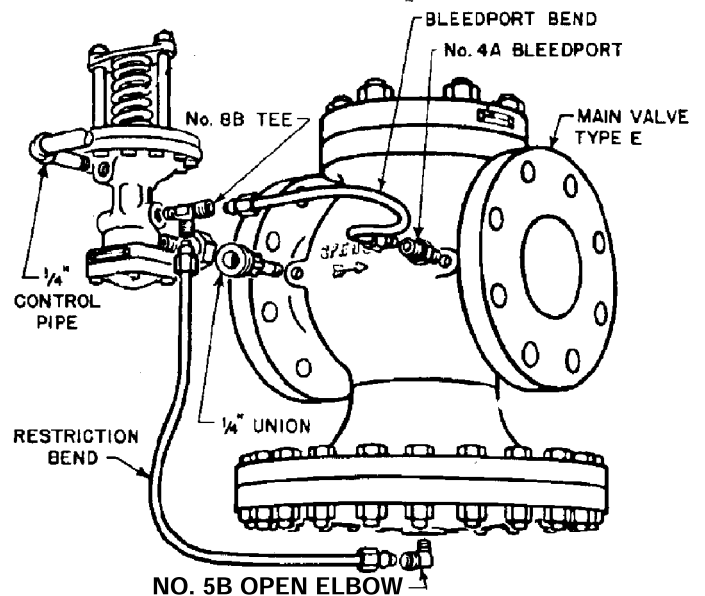
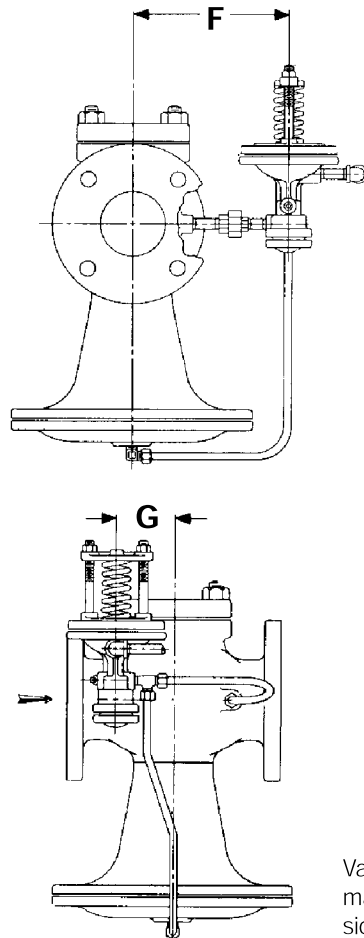
VALVE INFO
PAGE 30

PILOT INFO
PAGE 48

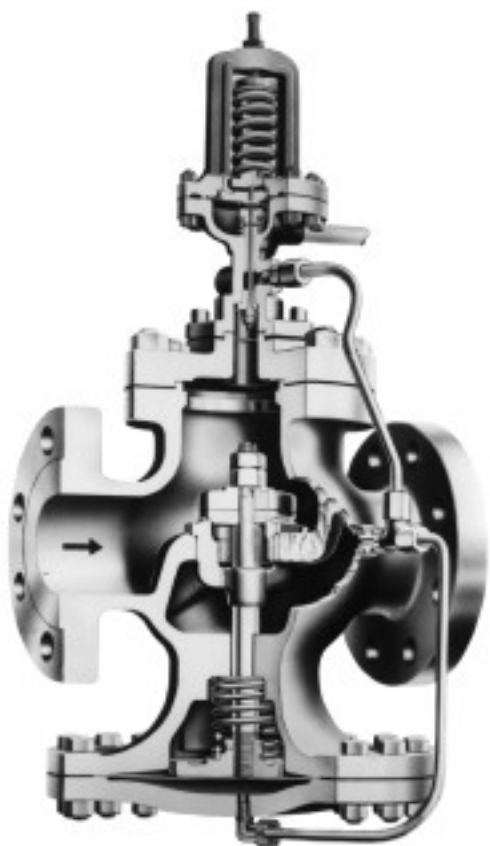
DIMENSIONS

inches (mm)

SIZE	F	G
3/4 (20)	5 5/8 (143)	1 3/8 (35)
1 (25)	5 3/4 (146)	1 1/2 (38)
1 1/4 (32)	6 (152)	1 7/8 (48)
1 1/2 (40)	6 1/4 (159)	2 (51)
2 (50)	6 5/8 (168)	2 1/8 (54)
2 1/2 (65)	6 3/4 (171)	2 3/8 (60)
3 (80)	7 1/4 (184)	2 3/4 (70)
4 (100)	7 3/8 (187)	3 1/2 (89)
5 (125)	8 1/8 (206)	3 1/2 (89)
6 (150)	8 1/2 (216)	4 (102)
8 (200)	9 3/8 (238)	6 1/4 (159)
10 (250)	11 (279)	6 (152)
12 (300)	11 7/8 (302)	7 1/4 (184)



Valve is tapped so that Pilot may be mounted on either side.



TYPE ED INTEGRAL MOUNT
PRESSURE REGULATOR

VALVE INFO
PAGE 28

PILOT INFO
PAGE 48

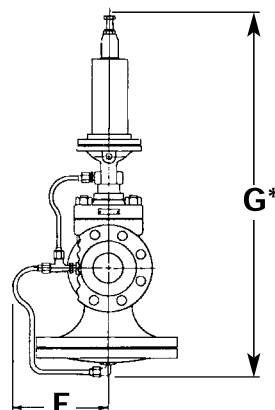
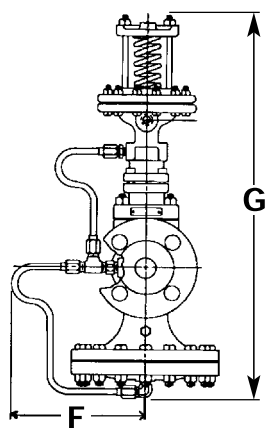
TYPE ED & ED2 INTEGRAL MOUNT PRESSURE REGULATOR

CAST IRON or STEEL
for PRESSURES to 600 PSIG at 750°F

APPLICATION DATA

- Pressure Regulation for Steam Distribution where space is limited

DIMENSIONS inches (mm)



SIZE	F	G*
3/8 (10)	5 1/4 (133)	15 3/4 (400)
1/2 (15)	5 1/4 (133)	15 3/4 (400)
3/4 (20)	5 3/8 (136)	17 (432)
1 (25)	5 1/2 (140)	18 1/2 (470)
1 1/4 (32)	5 3/4 (146)	18 1/2 (470)
1 1/2 (40)	6 (152)	19 1/2 (495)
2 (50)	6 1/2 (165)	20 5/8 (524)
2 1/2 (65)	7 (178)	21 3/4 (552)
3 (80)	7 3/8 (187)	23 1/2 (597)
4 (100)	8 7/8 (225)	27 1/4 (692)
5 (125)	10 (254)	28 5/8 (727)
6 (150)	11 3/8 (289)	31 1/2 (800)
8 (200)	12 3/4 (324)	35 3/8 (899)
10 (250)	15 1/2 (394)	43 3/4 (1111)
12 (300)	18 (457)	47 3/4 (1213)

* For D2 Pilot, add 5 1/4" (133) to this dimension.

TYPE EA SERIES PRESSURE REGULATOR

CAST IRON or STEEL
for PRESSURES to 600 PSIG at 750°F

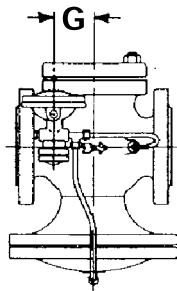
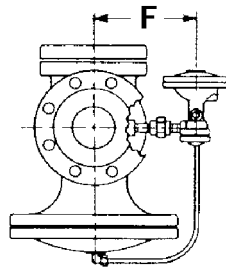
APPLICATION DATA

- Pressure Regulating for Steam Distribution
- Single Point or Multiple use Applications
- Pressure Control for Steam Plants
- District Heating Systems
- Single Stage Reductions
- Two Stage Reductions
- Parallel Reduction
- Control from Remote Location
- Temperature Regulating (with addition of T60 Series Pneumatic Temperature Pilot)

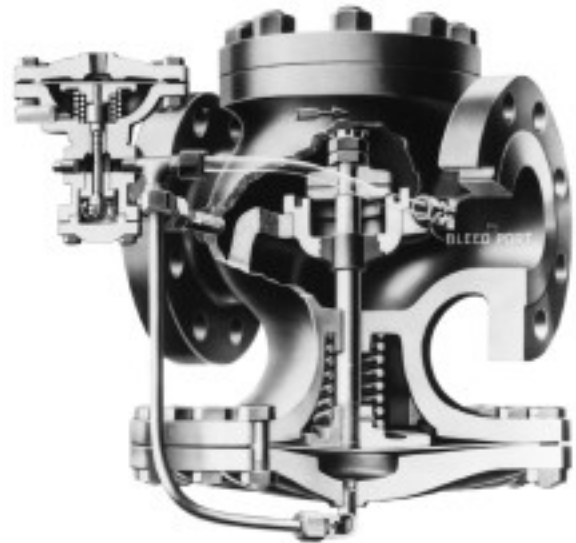
DIMENSIONS

inches (mm)

SIZE	F	G
3/8 (10)	5 3/8 (136)	1 1/4 (32)
1/2 (15)	5 3/8 (136)	1 1/4 (32)
3/4 (20)	5 5/8 (143)	1 3/8 (35)
1 (25)	5 3/4 (146)	1 1/2 (38)
1 1/4 (32)	6 (152)	1 7/8 (48)
1 1/2 (40)	6 1/4 (159)	2 (51)
2 (50)	6 5/8 (168)	2 1/8 (54)
2 1/2 (65)	6 3/4 (171)	2 3/8 (60)
3 (80)	7 1/4 (184)	2 3/4 (70)
4 (100)	8 (203)	3 1/2 (89)
5 (125)	9 (229)	3 1/2 (89)
6 (150)	9 7/8 (251)	4 (102)
8 (200)	10 1/2 (267)	6 1/4 (159)
10 (250)	12 1/2 (318)	6 (152)
12 (300)	14 (356)	8 1/2 (216)



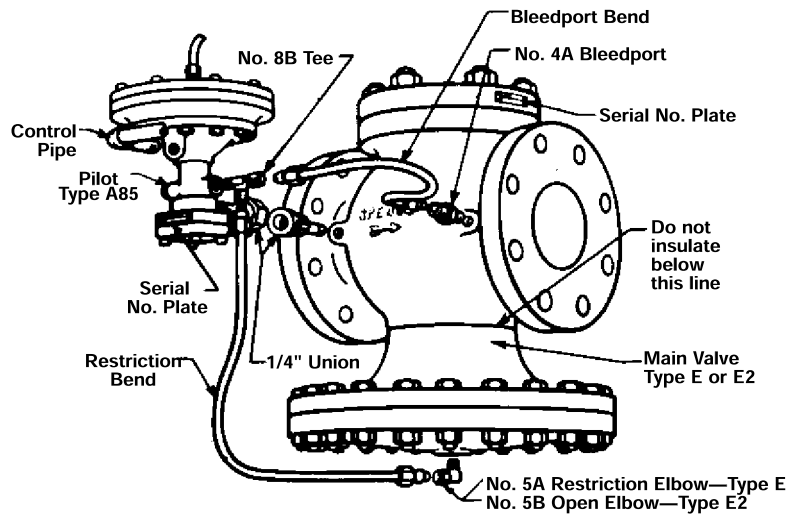
Valve is tapped so that
Pilot may be mounted
on either side.



TYPE EA SERIES
PRESSURE REGULATOR

VALVE INFO
PAGE 28

PILOT INFO
PAGE 50

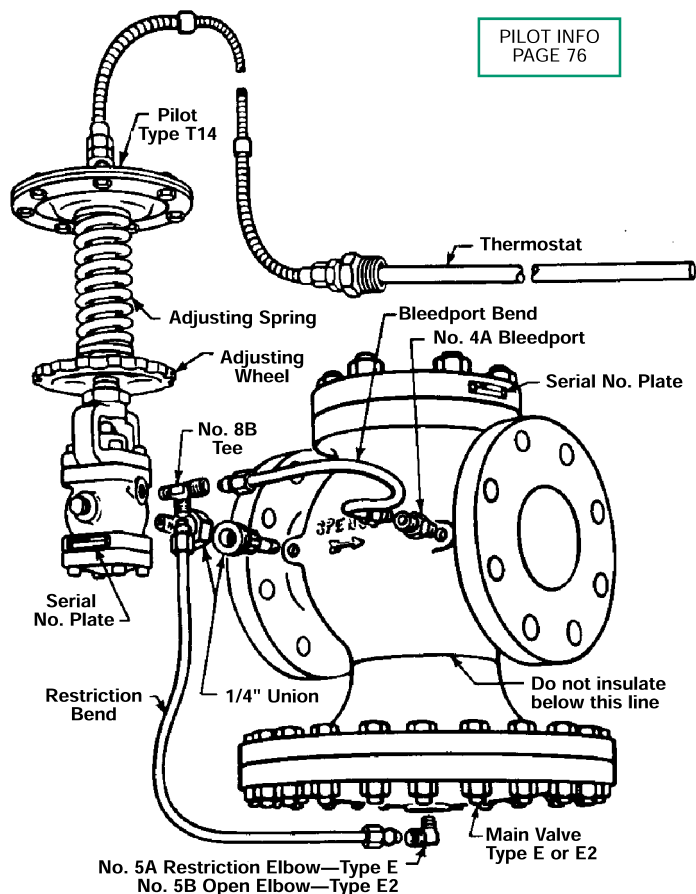




TYPE ET14 TEMPERATURE REGULATOR

VALVE INFO
PAGE 28

PILOT INFO
PAGE 76



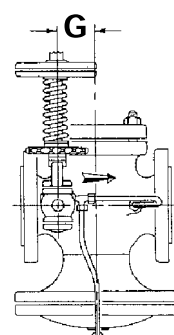
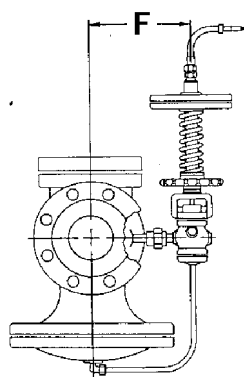
TYPE ET14 TEMPERATURE REGULATOR

CAST IRON or STEEL
CONTROLS 20 to 500°F

APPLICATION DATA

- Temperature Regulation for Batch Process
- Storage Heaters (Water, Fuel Oil or Chemical)
- Air Heating

DIMENSIONS inches (mm)



SIZE	F	G
3/8 (10)	5 3/8 (136)	1 1/4 (32)
1/2 (15)	5 3/8 (136)	1 1/4 (32)
3/4 (20)	5 5/8 (143)	1 3/8 (35)
1 (25)	5 3/4 (146)	1 1/2 (38)
1 1/4 (32)	6 (152)	1 7/8 (48)
1 1/2 (40)	6 1/4 (159)	2 (51)
2 (50)	6 5/8 (168)	2 1/8 (54)
2 1/2 (65)	6 3/4 (171)	2 3/8 (60)
3 (80)	7 1/4 (184)	2 3/4 (70)
4 (100)	8 (203)	3 1/2 (89)
5 (125)	9 (229)	3 1/2 (89)
6 (150)	9 7/8 (251)	4 (102)
8 (200)	10 1/2 (267)	6 1/4 (159)
10 (250)	12 1/2 (318)	6 (152)
12 (300)	14 (356)	8 1/2 (216)

Valve is tapped so that
Pilot may be mounted
on either side.

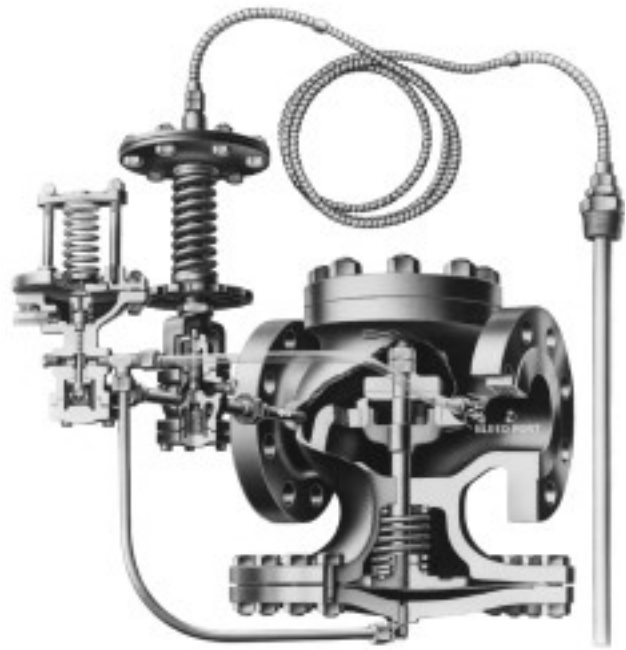
TYPE ET14D

PRESSURE LIMITING TEMPERATURE REGULATOR

CAST IRON or STEEL
CONTROLS 20 to 500°F

APPLICATION DATA

- Temperature & Pressure Regulation for large volume Heat Exchangers
- Storage Heaters
- Jacketed Kettles
- Vats



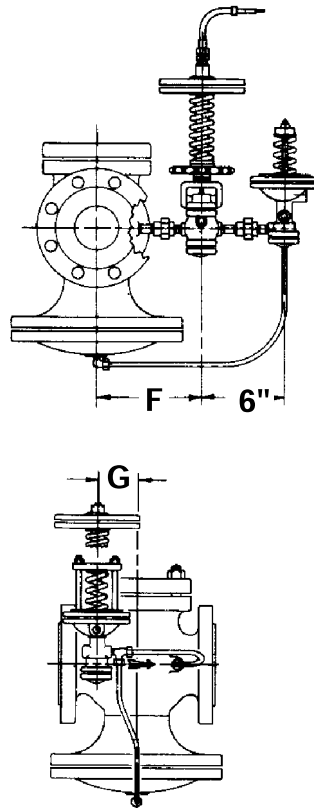
TYPE ET14D
TEMP. REGULATOR

TYPE ET14D TEMPERATURE
& PRESSURE REGULATOR

DIMENSIONS

inches (mm)

SIZE	F	G
3/8 (10)	5 3/8 (136)	1 1/4 (32)
1/2 (15)	5 3/8 (136)	1 1/4 (32)
3/4 (20)	5 5/8 (143)	1 3/8 (35)
1 (25)	5 3/4 (146)	1 1/2 (38)
1 1/4 (32)	6 (152)	1 7/8 (48)
1 1/2 (40)	6 1/4 (159)	2 (51)
2 (50)	6 5/8 (168)	2 1/8 (54)
2 1/2 (65)	6 3/4 (171)	2 3/8 (60)
3 (80)	7 1/4 (184)	2 3/4 (70)
4 (100)	8 (203)	3 1/2 (89)
5 (125)	9 (229)	3 1/2 (89)
6 (150)	9 7/8 (251)	4 (102)
8 (200)	10 1/2 (267)	6 1/4 (159)
10 (250)	12 1/2 (318)	6 (152)
12 (300)	14 (356)	8 1/2 (216)

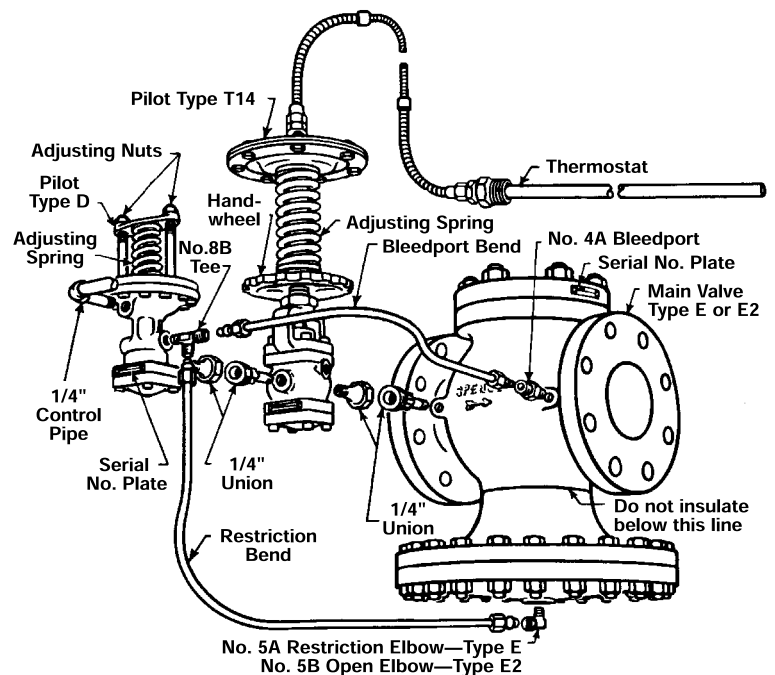


Valve is tapped so that
Pilot may be mounted on
either side.

VALVE INFO
PAGE 28

D PILOT INFO
PAGE 48

T14 PILOT INFO
PAGE 76





TYPE ET124/ET134 & E2T134

TEMPERATURE & PRESSURE REGULATOR

CAST IRON or STEEL

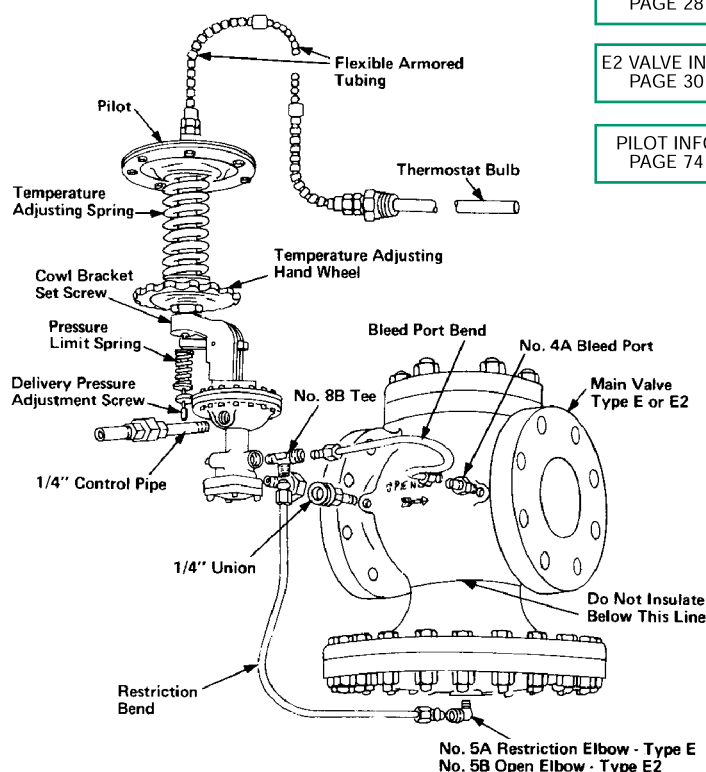
APPLICATION DATA

- Instantaneous Heaters
- Jacketed Kettles
- Storage Heaters
- Oil Heaters
- Batch Heating
- Process Heaters
- Vats
- Driers
- Ovens

MODELS

- ET124** for heater operating pressures between 20 and 125 psi.
- ET134** for heater operating pressures up to 20 psi.
- E2T134** for heater operating pressures up to 15 psi.

TYPE ET124 TEMPERATURE & PRESSURE REGULATOR



E VALVE INFO
PAGE 28

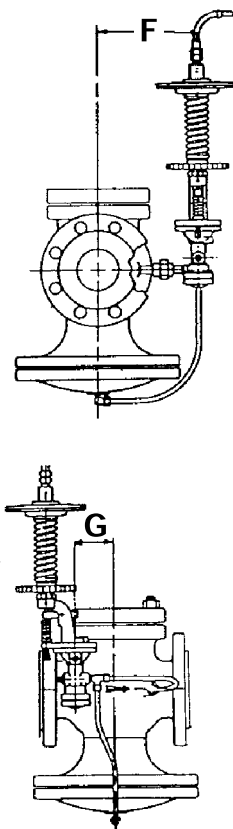
E2 VALVE INFO
PAGE 30

PILOT INFO
PAGE 74

DIMENSIONS

inches (mm)

SIZE	F	G	
		E	E2
3/8 (10)	5 3/8 (136)	1 1/4 (32)	—
1/2 (15)	5 3/8 (136)	1 1/4 (32)	—
3/4 (20)	5 5/8 (143)	1 3/8 (35)	1 3/8 (35)
1 (25)	5 3/4 (146)	1 1/2 (38)	1 1/2 (38)
1 1/4 (32)	6 (152)	1 7/8 (48)	1 7/8 (48)
1 1/2 (40)	6 1/4 (159)	2 (51)	2 (51)
2 (50)	6 5/8 (168)	2 1/8 (54)	2 1/8 (54)
2 1/2 (65)	6 3/4 (171)	2 3/8 (60)	2 3/8 (60)
3 (80)	7 1/4 (184)	2 3/4 (70)	2 3/4 (70)
4 (100)	8 (203)	3 1/2 (89)	3 1/2 (89)
5 (125)	9 (229)	3 1/2 (89)	3 1/2 (89)
6 (150)	9 7/8 (251)	4 (102)	4 (102)
8 (200)	10 1/2 (267)	6 1/4 (159)	6 1/4 (159)
10 (250)	12 1/2 (318)	6 (152)	6 (152)
12 (300)	14 (356)	8 1/2 (216)	7 1/4 (184)



Valve is tapped so that Pilot may be mounted on either side.

TYPE ED210 REGULATOR ELECTRONIC MODULATION

DELIVERY PRESSURES to 150 PSIG

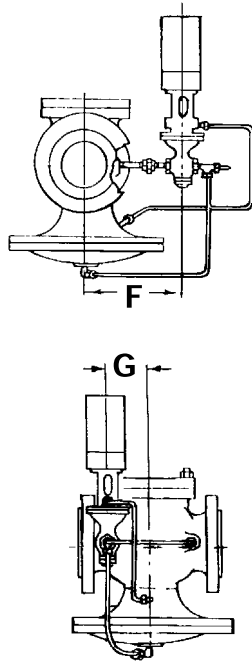
APPLICATION DATA

- Main Valve adapted to 4-20 mA Signal
- Requires balanced Main Valve

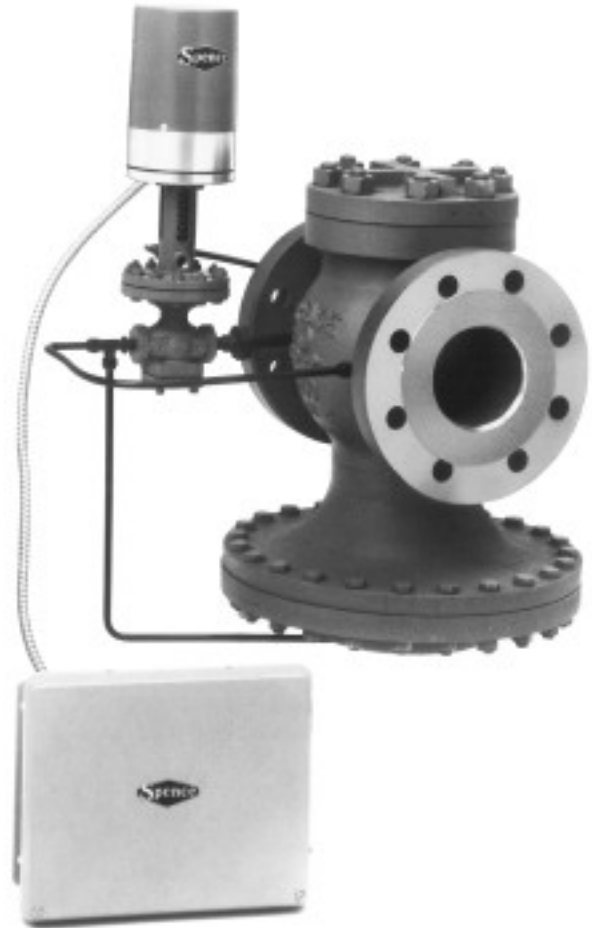
DIMENSIONS

inches (mm)

SIZE	F	G
3/8 (10)	5 3/8 (136)	1 1/4 (32)
1/2 (15)	5 3/8 (136)	1 1/4 (32)
3/4 (20)	5 5/8 (143)	1 3/8 (35)
1 (25)	5 3/4 (146)	1 1/2 (38)
1 1/4 (32)	6 (152)	1 7/8 (48)
1 1/2 (40)	6 1/4 (159)	2 (51)
2 (50)	6 5/8 (168)	2 1/8 (54)
2 1/2 (65.4)	6 3/4 (171)	2 3/8 (60)
3 (80)	7 1/4 (184)	2 3/4 (70)
4 (100)	8 (203)	3 1/2 (89)
5 (125)	9 (229)	3 1/2 (89)
6 (150)	9 7/8 (251)	4 (102)
8 (200)	10 1/2 (267)	6 1/4 (159)
10 (250)	12 1/2 (318)	6 (152)
12 (300)	14 (356)	8 1/2 (216)



Valve is tapped so that
Pilot may be mounted on
either side.



TYPE ED210 REGULATOR

VALVE INFO
PAGE 28

PILOT INFO
PAGE 72

TYPE ED210 ELECTRONIC
MODULATING REGULATOR



TYPE ED208D PRESSURE REGULATOR ELECTRONIC STARTUP PILOT OPERATED

DELIVERY PRESSURES to 150 PSIG

APPLICATION DATA

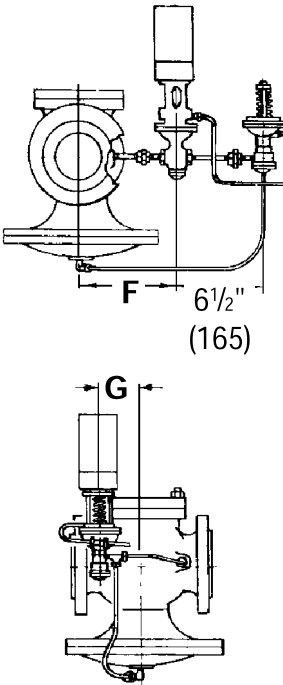
- Electronic Control of Slow Startup and/or Slow Shutdown of Pressure Regulation
- Building Heating Systems
- Can save more than 4 times it's cost in building heating in one year.
- Requires balanced Main Valve

TYPE ED208D PRESSURE REGULATOR

VALVE INFO
PAGE 28

D PILOT INFO
PAGE 48

D208 PILOT
INFO
PAGE 70



Valve is tapped so that Pilot may be mounted on either side.

DIMENSIONS inches (mm)

SIZE	F	G
3/8 (10)	5 3/8 (136)	1 1/4 (32)
1/2 (15)	5 3/8 (136)	1 1/4 (32)
3/4 (20)	5 5/8 (143)	1 3/8 (35)
1 (25)	5 3/4 (146)	1 1/2 (38)
1 1/4 (32)	6 (152)	1 7/8 (48)
1 1/2 (40)	6 1/4 (159)	2 (51)
2 (50)	6 5/8 (168)	2 1/8 (54)
2 1/2 (65)	6 3/4 (171)	2 3/8 (60)
3 (80)	7 1/4 (184)	2 3/4 (70)
4 (100)	8 (203)	3 1/2 (89)
5 (125)	9 (229)	3 1/2 (89)
6 (150)	9 7/8 (251)	4 (102)
8 (200)	10 1/2 (267)	6 1/4 (159)
10 (250)	12 1/2 (318)	6 (152)
12 (300)	14 (356)	8 1/2 (216)

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