### Anderson Greenwood Instrumentation Manifolds - Two/Three/Five Valve

A range of 2, 3 and 5 valve integral manifolds to be used with Rosemount<sup>®</sup> Coplanar<sup>™</sup> style transmitters for static and differential pressure applications.

### **General Application**

The MC/MT series includes 2 valve manifolds for static pressure; 3 and 5 valve models for differential pressure transmitters with specific variants for gas and power services, including those that meet ASME B31.3 and B31.1 Power Products for fossil fuel power plants.

#### **TECHNICAL DATA**

Materials 316 SS, Hastelloy<sup>®</sup> Seats: Metal Connections: MC: Pipe x flanged MT: Flange x flanged MC: 1/2" NPT inlet MT: Flange by Flange with 1/4' FNPT thread ports inlet Orifice size: 0.156" (4.8 mm) 0.136" (3.5 mm) minimal orifice size for MC5G Pressure (max): 6000 psig (414 barg)

# **Temperature range (min/max):** -313°F to 1000°F

(-192°C to 538°C)

Hastelloy<sup>®</sup> is a registered trademark of Haynes International, Inc.



### Features

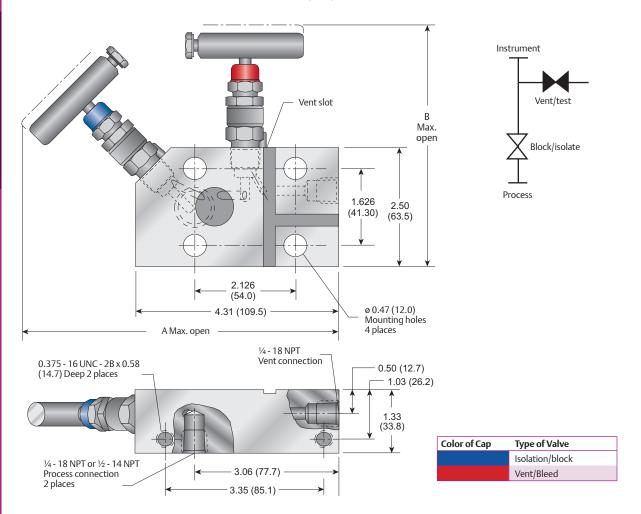
- Compatible with Rosemount<sup>®</sup> Coplanar<sup>™</sup> style pressure transmitter models 3051.
- Ball end stems eliminate seat galling, provide bubble-tight shutoff and long life. Hardened, non-rotating balls ensure perfectly aligned closure.
- Packing below threads prevents lubricant washout, thread corrosion, process contamination and eliminates galling.
- Easily adjustable PTFE and Graphite packing decreases replacement downtime and increases valve life.
- Dust Caps protect stems from lubricant contamination.
- Safety back seating prevents stem blowout or accidental removal and provides a metal-to-metal secondary stem seal while in the fully open position.
- ENC plated 316 SS stems prevent galling of stem threads.
- Rolled stem and bonnet threads provide additional strength.
- Mirror stem finish in the packing areas provides smooth operation and extends packing life.
- Metal-to-metal body-to-bonnet seals in constant compression prevent bonnet thread corrosion, eliminate possible tensile breakage and give a reliable seal.
- Bonnet lock pins prevent accidental separation from the body while enabling easy maintenance and repair.
- Patented porting design allows complete venting of process fluids before start-up for easy installation commissioning, preventing trapping of unwanted liquid or gas process fluids.
- Bonnet cap or ring label identifies valve function.

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### Anderson Greenwood Instrumentation Manifolds - Two Valve

### MC2 Dimensions

MC2 2-Valve Manifold for Static Pressure-Dimensions, Inches (mm)



Dimensions - Inches (mm)		
Valve <sup>[1]</sup> PTFE packed and Graphite		E Souice Crembite Dealeing
		E Series Graphite Packing
A	6.96 (176.8)	7.23 (183.6)
В	5.145 (130.8)	5.49 (139.4)
Bonnet Cap or Ring Label identification		
Blue isolation/block		
Red Vent/Bleed		

Minimum Temperature	
316 SS O-ring seal	-20°F (-29°C)
316 SS, Monel®, Hastelloy®,	-313°F (-192°C) @
PTFE packed	2500 psi (172 bar)
	316SS integral seat
316 SS, Monel®, Hastelloy®,	-313°F (-192°C)
Graphite packed	@2500 psi (172 bar)
	316SS itegral seat



### Anderson Greenwood Instrumentation Manifolds - Two Valve

### **Standard Materials**

Valve	Body and bonnet <sup>[2]</sup>	Stem and ball
316 SS	A479-316	A276-316
	316	316
SG <sup>[3]</sup>	A479-316	Monel <sup>®</sup> 400
	316	Monel <sup>®</sup> K500
SG3 <sup>[4]</sup>	Hastelloy <sup>®</sup> C-276	Hastelloy® C-276
		Elgiloy®

#### Pressure and Temperature Ratings

Valve	Packing	Ratings
316 SS	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
316 SS	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)
SG <sup>[3]</sup>	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
SG <sup>[3]</sup>	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)
SG3 <sup>[4]</sup>	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
SG3 <sup>[4]</sup>	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)

#### NOTES

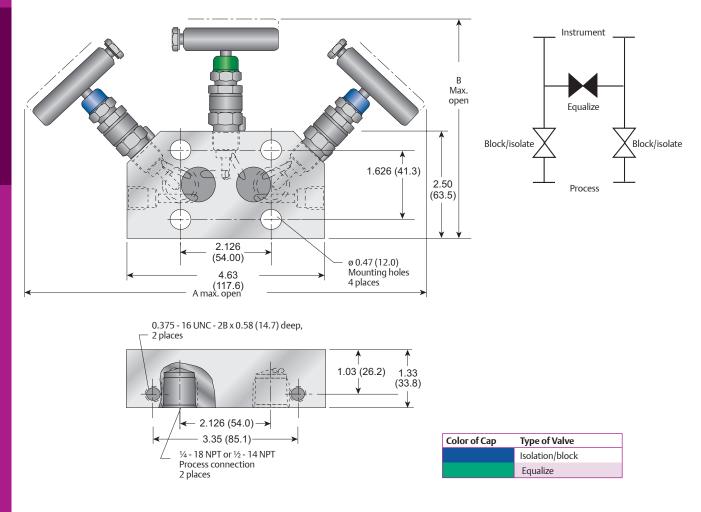
- 1. Approximate valve weight: 4.1 lb (1.9 kg). 0.156 inch (4.0 mm) diameter orifice. Valve Cv 0.36 maximum.
- 2. Body face is slotted to assure atmospheric vent when a differential transmitter is used.
- 3. SG (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions ≤ 50 mg/l [ppm]) and NACE MR0103.
- 4. SG3 (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions > 50 mg/l [ppm]).
- 5. Optional bolting 2.25" consult factory.



### Anderson Greenwood Instrumentation Manifolds - Three Valve

### **MC3** Dimensions

MC3 3-Valve Manifold with Optional Externally Valved Test Ports-Dimensions, Inches (mm)



Dimensions - Inches (mm)
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Valve <sup>[1]</sup>	PTFE packed and Graphite	E Series Graphite Packing
A	9.93 (252.2)	10.46 (265.7)
В	5.15 (130.8)	5.49 (139.4)

#### Minimum Temperature

316 SS O-ring seal	-20°F (-29°C)
316 SS, Monel <sup>®</sup> , Hastelloy <sup>®</sup> ,	-313°F (-192°C) @
PTFE packed	2500 psi (172 bar)
	316SS integral seat
316 SS, Monel <sup>®</sup> , Hastelloy <sup>®</sup> ,	-313°F (-192°C) @
Graphite packed	2500 psi (172 bar)
	316SS integral seat



## Anderson Greenwood Instrumentation Manifolds - Three Valve

### **Standard Materials**

Valve <sup>[2]</sup>	Body and bonnet	Stem and ball
316 SS	A479-316	A276-316
	316	316
SG <sup>[3]</sup>	A479-316	Monel <sup>®</sup> 400
	316	Monel <sup>®</sup> K500
SG3 <sup>[4]</sup>	Hastelloy <sup>®</sup> C-276	Hastelloy <sup>®</sup> C-276
		Elgiloy®

#### Pressure and Temperature Ratings

Valve	Packing	Ratings
316 SS	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
316 SS	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)
SG <sup>[3]</sup>	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
SG <sup>[3]</sup>	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)
SG3 <sup>[4]</sup>	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
SG3 <sup>[4]</sup>	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)

#### NOTES

- 1. Approximate valve weight:
  - 5.0 lb (2.3 kg) for MC3VI ( )-2-H5,
  - 0.4 lb (2.0 kg) for MC3VI ()-2
  - 0.156 inch (4.0 mm) diameter orifice.
  - Valve Cv 0.36 maximum.
- 2. Optional test port valves are H5VDS-22, convertible soft-to-metal seat.
- 3. SG (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions  $\leq$  50 mg/l [ppm]) and NACE MR0103. 4. SG3 (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions > 50 mg/l [ppm]).

5. Optional bolting 2.25", consult factory.

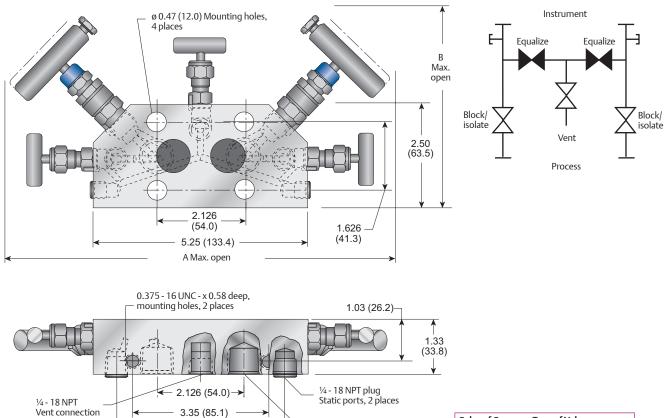
Visit our website at Emerson.com/TESCOM



### Anderson Greenwood Instrumentation Manifolds - Five Valve

### **MC5G Dimensions**

MC5G 5-Valve Manifold for Gas Service (Patent Protected)-Dimensions, Inches (mm)



½ - 14 NPT Plug

Process connection, 2 places



Valve <sup>[1]</sup>	Body and bonnet	Stem and ball	Packing
316 SS	A479-316	A276-316	PTFE
	316	316	
SG <sup>[2]</sup>	A479-316	Monel <sup>®</sup> 400	PTFE
	316/Monel®	Monel <sup>®</sup> K500	
SG3 <sup>[3]</sup>	Hastelloy <sup>®</sup> C-276	Hastelloy® C-276	PTFE
		Elgiloy®	

4.125 (104.8)

#### Pressure and Temperature Ratings

Valve	Ratings
316 SS, SG <sup>[2]</sup> , SG3 <sup>[3]</sup>	6000 psig at 200°F (414 barg at 93°C)
	4000 psig at 500°F (276 barg at 260°C)

#### Minimum Temperature

Color of Cap

Dimensions - Inches (mm)

Valve<sup>[1]</sup>

A B Type of Valve

Isolation/block

Graphite and PTFE

10.55 (268)

5.15 (130.8)

in a second s	
316 SS O-ring seal	-20°F (-29°C)
316 SS, Monel®, Hastelloy®, PTFE packed	-40°F (-40°)
316 SS, Monel®, Hastelloy®, Graphite packed	-40°F (-40°)

#### NOTES

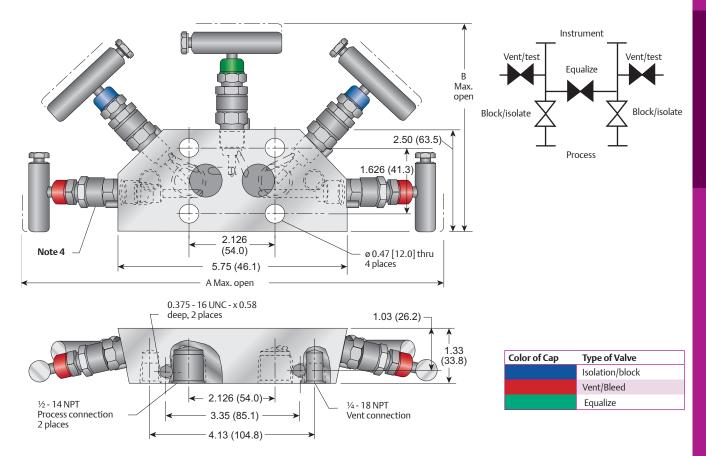
- 1. Approximate valve weight: 4.8 lb (2.2 kg). 0.136 inch (3.5 mm) diameter orifice.
- Valve Cv 0.24 maximum.
- 2. SG (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions ≤ 50 mg/l [ppm]) and NACE MR0103.
- 3. SG3 (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions > 50 mg/l [ppm]).
- 4. Static port plug is optional.



### Anderson Greenwood Instrumentation Manifolds - Five Valve

### **MC5P Dimensions**

MC5P 5-Valve Manifold with Two Integral Test Valves (Patent Protected)-Dimensions, Inches (mm)



### **Standard Materials**

Valve <sup>[1]</sup>	Body and bonnet	Stem and ball	Packing
316 SS	A479-316	A276-316	PTFE
	316	316	
SG <sup>[2]</sup>	A479-316	Monel <sup>®</sup> 400	PTFE
	316/Monel®	Monel <sup>®</sup> K500	
SG3 <sup>[3]</sup>	Hastelloy <sup>®</sup> C-276	Hastelloy <sup>®</sup> C-276	PTFE
		Elgiloy®	

### Pressure and Temperature Ratings

Valve	Ratings	Packing
316 SS, SG <sup>[2]</sup> , SG3 <sup>[3]</sup>	6000 psig at 200°F (414 barg at 93°C)	PTFE
	4000 psig at 500°F (276 barg at 260°C)	
316 SS, SG <sup>[2]</sup> , SG3 <sup>[3]</sup>	6000 psig at 200°F (414 barg at 93°C)	Graphite
	1500 psig at 1000°F (103 barg at 538°C)	

#### NOTES

- 1. Approximate valve weight: 5.3 lb (2.4 kg).
- 0.156 inch (4.0 mm) diameter orifice.
- Valve Cv 0.36 maximum.
- 2. SG (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions ≤ 50 mg/l [ppm]) and NACE MR0103.
- 3. SG3 (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions > 50 mg/l [ppm]).
- 4. Valve bonnet labels not supplied on Graphite packed bonnets due to temperature limitations.



**E Series Graphite** 

Packing

11.88 (301.7)

5.49 (139.4)

-20°F (-29°C)

-313°F (-192°C) @

2500 psi (172 bar) 316SS integral seat

-313°F (-192°C) @

2500 psi (172 bar) 316SS integral seat

Dimensions - Inches (mm)

Minimum Temperature

PTFE packed

Graphite packed

316 SS, Monel<sup>®</sup>, Hastelloy<sup>®</sup>,

316 SS, Monel<sup>®</sup>, Hastelloy<sup>®</sup>,

and Graphite

11.05 (280.7)

5.15 (130.8)

Valve<sup>[1]</sup>

A B

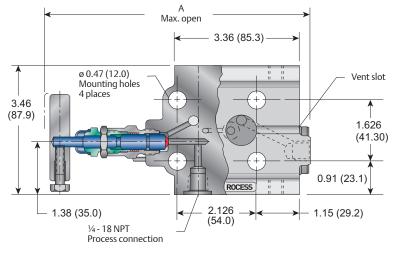


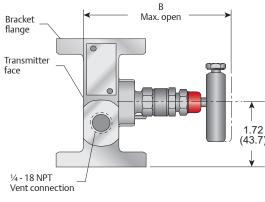
## **MT SERIES**

### Anderson Greenwood Instrumentation Manifolds - Two Valve

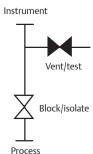
### **MT2 Dimensions**

#### MT2 2-Valve Manifold for Static Pressure-Dimensions, Inches (mm)









E Series Graphite

Packing

-20°F (-29°C)

-313°F (-192°C) @

2500 psi (172 bar) 316SS integral seat

-313°F (-192°C) @

2500 psi (172 bar) 316SS integral seat

7.18 (182.4)

4.43 (112.5)

Dimensions - Inches (mm)

Minimum Temperature 316 SS O-ring seal

PTFE packed

Graphite packed

316 SS, Monel<sup>®</sup>, Hastelloy<sup>®</sup>,

316 SS, Monel<sup>®</sup>, Hastelloy<sup>®</sup>,

Valve<sup>[1]</sup>

A B PTFE packed

and Graphite

6.77 (171.9)

4.02 (102.1)

### **Standard Materials**

Valve	Body and bonnet <sup>[2]</sup>	Stem and ball
316 SS	A479-316	A276-316
	316	316
SG <sup>[3]</sup>	A479-316	Monel <sup>®</sup> 400
	316	Monel <sup>®</sup> K500
SG3 <sup>[4]</sup>	Hastelloy <sup>®</sup> C-276	Hastelloy <sup>®</sup> C-276
		Elgiloy®

#### Pressure and Temperature Ratings

Valve	Packing	Ratings
316 SS	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
316 SS	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)
SG <sup>[3]</sup>	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
SG <sup>[3]</sup>	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)
SG3 <sup>[4]</sup>	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
SG3 <sup>[4]</sup>	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)

#### NOTES

1. Approximate valve weight: 4.6 lb (2.09 kg).

0.156 inch (4.0 mm) diameter orifice.

Valve Cv 0.36 maximum.

2. Body face is slotted to assure atmospheric vent when a differential transmitter is used.

- 3. SG (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions ≤ 50 mg/l [ppm]) and NACE MR0103.
- 4. SG3 (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions > 50 mg/l [ppm]).

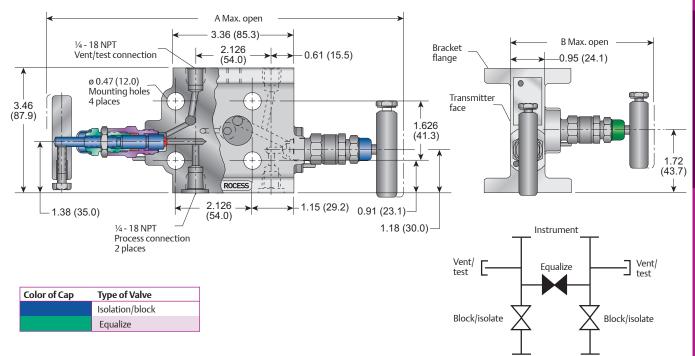


# **MT SERIES**

### Anderson Greenwood Instrumentation Manifolds - Three Valve

### **MT3 Dimensions**

#### MT3 3-Valve Manifold with Test Ports-Dimensions, Inches (mm)



### Standard Materials<sup>[2]</sup>

Valve	Body and bonnet	Stem and ball				
316 SS	A479-316	A276-316				
	316	316				
SG <sup>[3]</sup>	A479-316	Monel <sup>®</sup> 400				
	316	Monel® K500				
SG3 <sup>[4]</sup>	Hastelloy <sup>®</sup> C-276	Hastelloy <sup>®</sup> C-276				
		Elgiloy®				

Dimensions - Inches (mm)										
Valve <sup>[1]</sup>	PTFE packed	E Series Graphite								
Valve	and Graphite	Packing								
A	9.68 (245.9)	10.50 (266.7)								
В	4.02 (102.1)	4.43 (112.5)								

#### Pressure and Temperature Ratings

Valve	Packing	Ratings
316 SS	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
316 SS	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)
SG <sup>[3]</sup>	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
SG <sup>[3]</sup>	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)
SG3 <sup>[4]</sup>	PTFE	6000 psig at 200°F (414 barg at 93°C)
		4000 psig at 500°F (276 barg at 260°C)
SG3 <sup>[4]</sup>	Graphite/	6000 psig at 200°F (414 barg at 93°C)
	Low emissions graphite	1500 psig at 1000°F (103 barg at 538°C)

#### Minimum Temperature

316 SS O-ring seal	-20°F (-29°C)
316 SS, Monel <sup>®</sup> , Hastelloy <sup>®</sup> ,	-313°F (-192°C) @ 2500
PTFE packed	psi (172 bar) 316SS
	integral seat
316 SS, Monel®, Hastelloy®,	-313°F (-192°C) @ 2500
Graphite packed	psi (172 bar) 316SS
	integral seat

#### NOTES

- 1. Approximate valve weight: 4.9 lb (2.22 kg).
- 0.156 inch (4.0 mm) diameter orifice. Valve Cv 0.36 maximum.
- 2. Monel<sup>®</sup> and Hastelloy<sup>®</sup> are also available.
- 3. SG (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions ≤ 50 mg/l [ppm]) and NACE MR0103.
- 4. SG3 (Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions > 50 mg/l [ppm]).



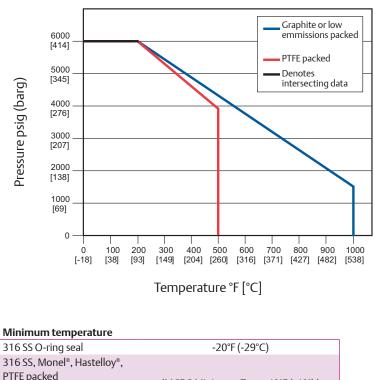


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### Anderson Greenwood Instrumentation Manifolds - Two/Three/Five Valve

### Pressure vs. Temperature

Pressure vs. Temperature



316 SS, Monel®, Hastelloy®, PTFE packed -313°F (-192°C)@ 2500psi (172 bar) 316SS integral seat	(MC5G Minimum Temp 40°F (-40°) )
316 SS, Monel®, Hastelloy®, Graphite packed -313°F (-192°C)@ 2500psi (172 bar) 316SS integral seat	(MC5G Minimum Temp 40°F (-40°) )

### **Bonnet Assemblies**

The metal-seated bonnet assemblies have rotating stems with free swivel ball-type seats for long service life. The specially hardened ball seat is ideal for gas, steam and liquid service.

All stem threads are rolled and lubricated to prevent galling and reduce operating torque. The stem seal is a PTFE or Graphite packing gland which is adjustable in service. All bonnets are assembled with a bonnet locking pin to prevent accidental removal while in service and PTFE and Graphite assemblies have a protective dust cap fitted to contain stem lubricant and prevent the influx of contaminants.

The high-temperature bonnet assemblies use stems and bonnets incorporating adjustable graphite rings and back-up pressure rings to ensure a leak-free stem seal and are fitted with larger size T-bar handles.

### Bonnet Lock (BL)

The Anderson Greenwood bonnet lock prevents accidental loosening of the bonnet-to-body seal. A high-strength, short bonnet pin aligns a hex collar over the bonnet.

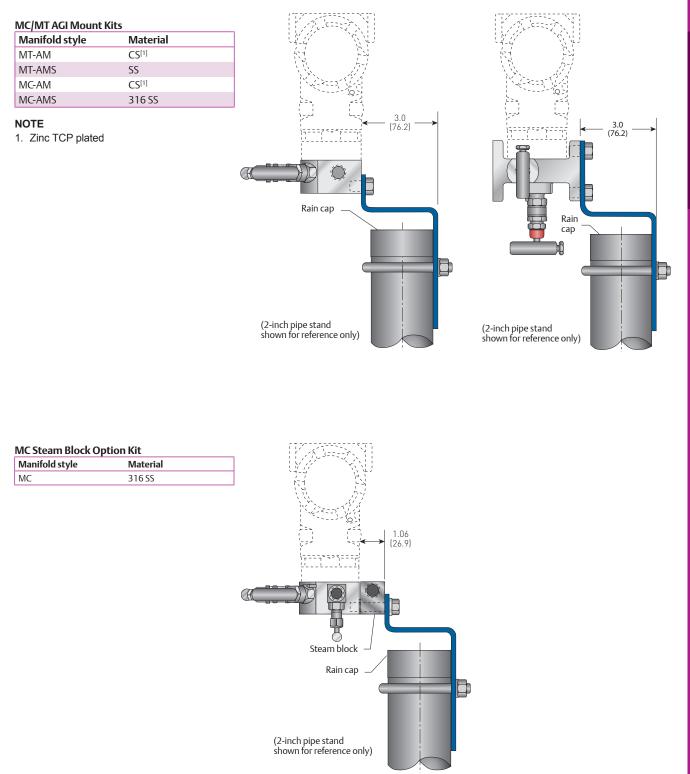
Tests indicate the minimum torque required to break the collar loose is greater than the torque required to twist off the handle.





### Anderson Greenwood Instrumentation Manifolds - Two/Three/Five Valve

### **MC/MT Mounting Kits**





### Anderson Greenwood Instrumentation Manifolds - Two/Three/Five Valve

## Selection Guide - MC (Rosemount<sup>®</sup> Coplanar<sup>™</sup> only) Specifications

	MC		3		V		I		S		-4		-PS
	BASIC SERIES		ТҮРЕ		PACKING		SEAT		MATERIAL	С	END ONNECTION		OPTIONS
мс	Coplanar™	2	2 valve (static pressure)	v	PTFE	I	Integral (body material)	s	316 SS	4	1/2-inch FNPT	AM	AGI Mount kit for 2-inch pipe stand mounting of manifold
							material)					AMS	AGI Mount kit for 2 inch Pipe Stand mounting of manifold 316SS
		3	3 valve ( $\Delta P$ )	н	Graphite (not available for MC5G)			J	Hastelloy <sup>®</sup>			BL	Bonnet lock device
		5G	5 valve (gas)(∆P)	E	Low emissions- graphite (not available for MC5G)							СВ	Ceramic ball ended stem
		5P	5 valve (power)(∆P)									H5	H5VDS-22 vent valve (2) (MC3 only)
												1H5	H5VDS-22 vent valve (1) (MC2, MC3 only)
												HD	Hydrostatic testing (100 percent) (MSS SP-61)
												OC00	Cleaned for oxygen service
												PS <sup>[1]</sup>	Required MC5G Static test ports only
												SB	Steam block (MC only)
												SG	(Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions ≤ 50 mg/l [ppm]) and NACE MR0103 (for chloride conditions ≤ 50 mg/l [ppm]) and NACE MR0103
												SG3	(Sour Gas) meets the requirements of NACE MR0175/ISO 15156 ( for chloride conditions > 50 mg/l [ppm])
												ιτ	Low Temperature bonnet min temperature -313°F (-192°C) @ 2500 psi (172 bar) 316SS integral seat (not available on MC5G)

#### NOTES

1. Required on MC5G Static test.

2. Bolts, plugs, bleed plugs and gaskets are not included; contact factory if bolts, plugs or gaskets are required.



# **MT SERIES**

## Anderson Greenwood Instrumentation Manifolds - Two/Three Valve

## Selection Guide - MT (Rosemount<sup>®</sup> Coplanar<sup>™</sup> only) Specifications

	MT 3		V			I		S		-2	-PS		
	BASIC SERIES		ТҮРЕ		PACKING		SEAT		MATERIAL	со	END NNECTION		OPTIONS
МТ	Traditional (flange by flange)	2	2 valve (static pressure)	v	PTFE	I	Integral (body material)	s	316 SS	2	¼-inch FNPT (use if	AM	AGI Mount kit for 2-inch pipe stand mounting of manifold
											futbol mount- ing to inlet)	AMS	AGI Mount kit for 2 inch Pipe Stand mounting of manifold 316SS
		3	3 valve ( $\Delta P$ )	н	Graphite			J	Hastelloy®		meey	BL	Bonnet lock device
				E	Low emissions- graphite							СВ	Ceramic ball ended stem
												CL00	Cleaned for chlorine service
												HD	Hydrostatic testing (100 percent) (MSS SP-61)
												OC00	Cleaned for oxygen service
												SG	(Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for chloride conditions ≤ 50 mg/I [ppm]) and NACE MR0103
												SG3	(Sour Gas) meets the requirements of NACE MR0175/ISO 15156 (for C-chloride conditions > 50 mg/l [ppm])
												ц	Low Temperature bonnet min temperature -313°F (-192°C) @ 2500 psi (172 bar) 316SS integral seat

#### NOTE

Bolts, bleed plugs and gaskets are not included; contact factory if bolts, plugs or gaskets are required.

### Anderson Greenwood Instrumentation Manifolds - Two/Three/Five Valve

### Selection Guide - MC ASME B31.1 - Power industry

MC and MT ASME B31.1 or B31.3 specifications meets MSS SP-105

MC 3HP			3HP		S		-4 -XP	-AM				
	BASIC SERIES	ТҮРЕ		MATERIAL			END CONNECTION	OPTIONS				
M	C Coplanar™		2 valve (static pressure)	s	316 SS	4	1/2-inch FNPT	AM	AGI Mount kit for 2-inch pipe stand mounting of manifold			
		3HP 5HP	3 valve (ΔP) 5 valve (power)(ΔP)					AMS	AGI Mount kit for 2 inch Pipe Stand mounting of manifold 316SS			

### Selection Guide - MT ASME B31.1 - Power industry

	MC		3HP		S		-2 -XP		-AM	
	BASIC SERIES		ТҮРЕ		MATERIAL		END CONNECTION		OPTIONS	
МТ	Traditional (flange by flange)	2HP	2 valve (static pressure)	S	31655	2	¼-inch FNPT (use if futbol mounting to inlet)	AM	AGI Mount kit for 2-inch pipe stand mounting of manifold	
	nange)	ЗНР	3 valve (ΔP)					AMS	AGI Mount kit for 2 inch Pipe Stand mounting of manifold 316SS	

#### NOTES

1. All manifolds come standard with Graphite packing, integral seats, bonnet locks, and are subjected to hydrostatic testing.

2. Manifold ratings:

SST

6000 psig at 100°F (414 barg at 38°C)

3030 psig at 1000°F (209 barg at 538°C)

3. Bolts, plugs, bleed plugs and gaskets are not included; contact factory if bolts, plugs or gaskets are required.

