

## Inline™ Manifolds Ordering Information

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**Mold Mounted Manifolds provide many benefits to the operation and performance of the water cooled process. Our manifolds offer a myriad of combinations to suit your needs.**

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### STANDARD MANIFOLDS

1. Choose your manifold from the following pages.
2. Stock Manifolds will ship same day if order is received before 2 p.m. CT.

### WHEN ORDERING CUSTOM MANIFOLDS

1. Submit design or sketch.
2. Cito will make CAD drawing and submit via fax with price quote and delivery information.
3. Upon approval of drawing, the manifold will be shipped the following monday.

### TO ORDER YOUR DESIGN KIT FOR INLINE MANIFOLDS

Our Design Kit will assist in your mold or machine mounted design of Inline™ Manifolds — complete with CAD Patterns, and custom order forms.

Please contact our Sales Department  
**CITO PRODUCTS INC.**

N8779 County Road X • P.O. Box 90  
Watertown, WI 53094 • USA

Phone: (920) 261-2606

Fax: (920) 261-1350

E-mail: [sales@pulsecooling.com](mailto:sales@pulsecooling.com)

ATTENTION: SALES DEPARTMENT

**Please specify which CAD system you are using when requesting your Design Kit.**

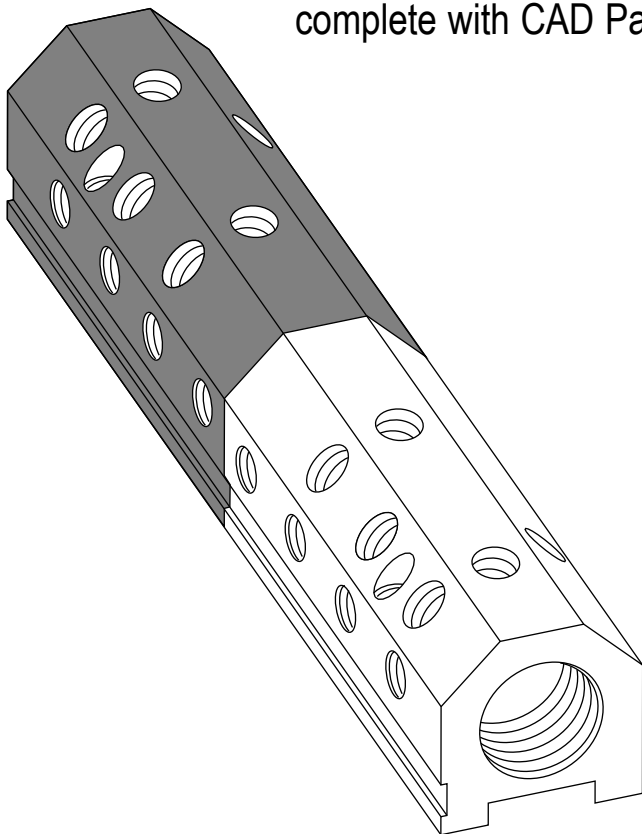
The Design Kit is available in:

.PRT (CadKey)

.DWG (AutoCad)

.DXF (Data Exchange Format)

.IGES (International Graphic Exchange)



The anodized aluminum is not suitable for corrosive liquids (high chlorine content)

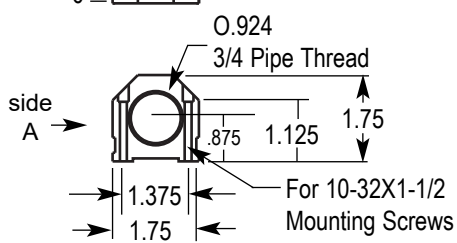
# 3/4" Inline™ Manifold

Technical drawings on the left show manifold profiles with dimensions in inches:

- Profile 1: 2.75, 1.875, .875, 0, 1.375
- Profile 2: 4.75, 3.875, 2.875, 1.875, .875, 0, 2.0
- Profile 3: 6.75, 5.875, 4.875, 3.875, 2.875, 1.875, .875, 0, 4.0
- Profile 4: 8.75, 7.875, 6.875, 5.875, 4.875, 3.875, 2.875, 1.875, .875, 0, 6.0

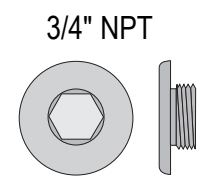
Manifold configurations and prices:

IM3-2-AB-4 1/8 or 1/4 \$43.00	IM3-2-BD-4 1/8 or 1/4 \$43.00	IM3-2-BCD-6 1/8 or 1/4 \$49.00	IM3-2-ABC-6 1/8 or 1/4 \$49.00	IM3-2-BD-2-2 1/8 or 1/4 \$59.00	IM3-2-ABCDE-5-5 1/8 \$77.00
IM3-4-C-4 1/8 or 1/4 \$53.00	IM3-4-BD-8 1/8 or 1/4 \$65.00	IM3-4-BCD-12 1/8 or 1/4 \$77.00	IM3-4-ABC-12 1/8 or 1/4 \$77.00	IM3-4-BD-4-4 1/8 or 1/4 \$81.00	IM3-4-ABC-6-6 1/8 or 1/4 \$93.00
IM3-6-C-6 1/8 or 1/4 \$69.00	IM3-6-BD-12 1/8 or 1/4 \$87.00	IM3-6-BCD-18 1/8 or 1/4 \$105.00	IM3-6-ABC-18 1/8 or 1/4 \$105.00	IM3-6-BD-6-6 1/8 or 1/4 \$103.00	IM3-6-ABC-9-9 1/8 or 1/4 \$121.00
IM3-8-C-8 1/8 or 1/4 \$85.00	IM3-8-BD-16 1/8 or 1/4 \$109.00	IM3-8-BD-8-8 1/8 or 1/4 \$125.00	IM3-8-ABC-12-12 1/8 \$149.00	See Part No. below (cap on top end)	



PART NUMBER CODE:  
**IM3-6-B-6-1/4-N-BLUE**

- Red, Blue or Divided
- Thread Type: N=(NPT) No Mark
- 1/4" "Out"
- 6 Holes
- Row on side "B"
- 6=6.750" Overall Length
- (3)=3/4" Port
- Inline Manifold



For Solid Color Manifolds  
**PRICES INCLUDE:** End Cap and Stainless 10 - 32 x 1-1/2" SHCS.  
**ADDITIONAL 3/4" MANIFOLD END CAPS:** IM-8630 - \$6.00ea.  
**CUSTOM MANIFOLDS QUOTED UPON REQUEST**

The anodized aluminum is not suitable for corrosive liquids (high chlorine content)

# 1" Inline™ Manifold

IM4-4-AB-4 1/4 or 3/8 \$56.00	IM4-4-BD-4 1/4 or 3/8 \$56.00	IM4-4-BCD-6 1/4 or 3/8 \$62.00	IM4-4-ABC-6 1/4 or 3/8 \$62.00	IM4-4-BD-2-2 1/4 or 3/8 \$73.00	IM4-4-ABCDE-5-5 1/4 \$91.00
IM4-6-C-4 1/4 or 3/8 \$74.00	IM4-6-BD-8 1/4 or 3/8 \$86.00	IM4-6-BCD-12 1/4 or 3/8 \$98.00	IM4-6-ABC-12 1/4 or 3/8 \$98.00	IM4-6-BD-4-4 1/4 or 3/8 \$103.00	IM4-6-ABC-6-6 1/4 or 3/8 \$115.00
IM4-9-C-6 1/4 or 3/8 \$92.00	IM4-9-BD-12 1/4 or 3/8 \$110.00	IM4-9-BCD-18 1/4 or 3/8 \$128.00	IM4-9-ABC-18 1/4 or 3/8 \$128.00	IM4-9-BD-6-6 1/4 or 3/8 \$127.00	IM4-9-ABC-9-9 1/4 or 3/8 \$145.00
IM4-11-C-8 1/4 or 3/8 \$116.00	IM4-11-BD-16 1/4 or 3/8 \$140.00	IM4-11-BD-8-8 1/4 or 3/8 \$157.00	IM4-11-ABC-12-12 1/4 or 3/8 \$181.00		

See Part No. below (cap on top end)

Length: 3.75, 6.25, 8.75, or 11.25

**PART NUMBER CODE:**  
**IM4-9-B-6-3/8-N-BLUE**

- Red, Blue or Divided
- Thread Type: N=(NPT) No Mark
- P=Mark BSPP
- T=Mark BSPT
- 3/8" "Out"
- 6 Holes
- Row on side "B"
- 9=8.75" Overall Length
- (4)x1/4"=1" Port
- Inline Manifold

**1" NPT**

For Solid Color Manifolds  
**PRICES INCLUDE:** End Cap and Stainless 1/4 - 20 x 2"  
**ADDITIONAL 1" MANIFOLD END CAPS:** IM-8640 - \$8.00ea.  
**CUSTOM MANIFOLDS QUOTED UPON REQUEST**

The anodized aluminum is not suitable for corrosive liquids (high chlorine content)

# 1-1/2" Inline™ Manifold

Manifold Configuration	Port Size	Price
IM6-6-AB-4	3/8 or 1/2	\$83.00
IM6-6-BD-4	3/8 or 1/2	\$83.00
IM6-6-BCD-6	3/8 or 1/2	\$91.00
IM6-6-ABC-6	3/8 or 1/2	\$91.00
IM6-6-BD-2-2	3/8 or 1/2	\$103.00
IM6-6-ABCDE-5-5	3/8 or 1/2	\$127.00
IM6-10-C-4	3/8 or 1/2	\$111.00
IM6-10-BD-8	3/8 or 1/2	\$127.00
IM6-10-BCD-12	3/8 or 1/2	\$143.00
IM6-10-ABC-12	3/8 or 1/2	\$143.00
IM6-10-BD-4-4	3/8 or 1/2	\$147.00
IM6-10-ABC-6-6	3/8 or 1/2	\$163.00
IM6-14-C-6	3/8 or 1/2	\$147.00
IM6-14-BD-12	3/8 or 1/2	\$171.00
IM6-14-BCD-18	3/8 or 1/2	\$195.00
IM6-14-ABC-18	3/8 or 1/2	\$195.00
IM6-14-BD-6-6	3/8 or 1/2	\$191.00
IM6-14-ABC-9-9	3/8 or 1/2	\$215.00
IM6-18-C-8	3/8 or 1/2	\$183.00
IM6-18-BD-16	3/8 or 1/2	\$215.00
IM6-18-BD-8-8	3/8 or 1/2	\$235.00
IM6-18-ABC-12-12	3/8 or 1/2	\$267.00

**PART NUMBER CODE:**  
**IM6-14-B-6-3/8-N-BLUE**

- IM6: Inline Manifold
- 14: 14" Overall Length
- B: Row on side "B"
- 6: 6 Holes
- 3/8: 3/8" "Out"
- N: Thread Type: N=(NPT) No Mark, P=Mark BSPP, T=Mark BSPT
- BLUE: Red, Blue or Divided

**1-1/2" NPT**  
 For Solid Color Manifolds  
**PRICES INCLUDE:** End Cap and Stainless 1/4" - 20 x 2-1/2" SHCS.  
 ADDITIONAL 1-1/2" MANIFOLD END CAPS: IM-8660 - \$10.00ea.  
**CUSTOM MANIFOLDS QUOTED UPON REQUEST**

The anodized aluminum is not suitable for corrosive liquids (high chlorine content)

# 2" Inline™ Manifold

**IM8-8-ACE-6**  
1/2, 3/4 or 1  
\$134.00

**IM8-8-ABCDE-10**  
1/2 or 3/4  
\$158.00

**IM8-12-C-4**  
1/2, 3/4 or 1  
\$154.00

**IM8-12-BD-8**  
1/2, 3/4 or 1  
\$178.00

**IM8-12-ABC-12**  
1/2 or 3/4  
\$202.00

**IM8-12-ABC-6-6**  
1/2 or 3/4  
\$228.00

**IM8-17-C-6**  
1/2, 3/4 or 1  
\$206.00

**IM8-17-BD-12**  
1/2, 3/4 or 1  
\$242.00

**IM8-17-ABC-18**  
1/2 or 3/4  
\$278.00

**IM8-17-BD-6-6**  
1/2, 3/4 or 1  
\$268.00

**IM8-17-ABC-9-9**  
1/2 or 3/4  
\$304.00

**IM8-22-C-8**  
1/2, 3/4 or 1  
\$258.00

**IM8-22-BD-16**  
1/2, 3/4 or 1  
\$306.00

**IM8-22-BD-8-8**  
1/2, 3/4 or 1  
\$332.00

**IM8-22-ABC-12-12**  
1/2 or 3/4  
\$380.00

**PART NUMBER CODE:**  
**IM8-17-C-6-1/2-N-BLUE**

- Red, Blue or Divided
- Thread Type: N=(NPT) No Marking
- P=Mark BSPP
- T=Mark BSPT
- 1/2" "Out"
- 6 Holes
- Row on side "C"
- 17=17" Overall Length
- 2" Port (8"=8"x1/4"=2")

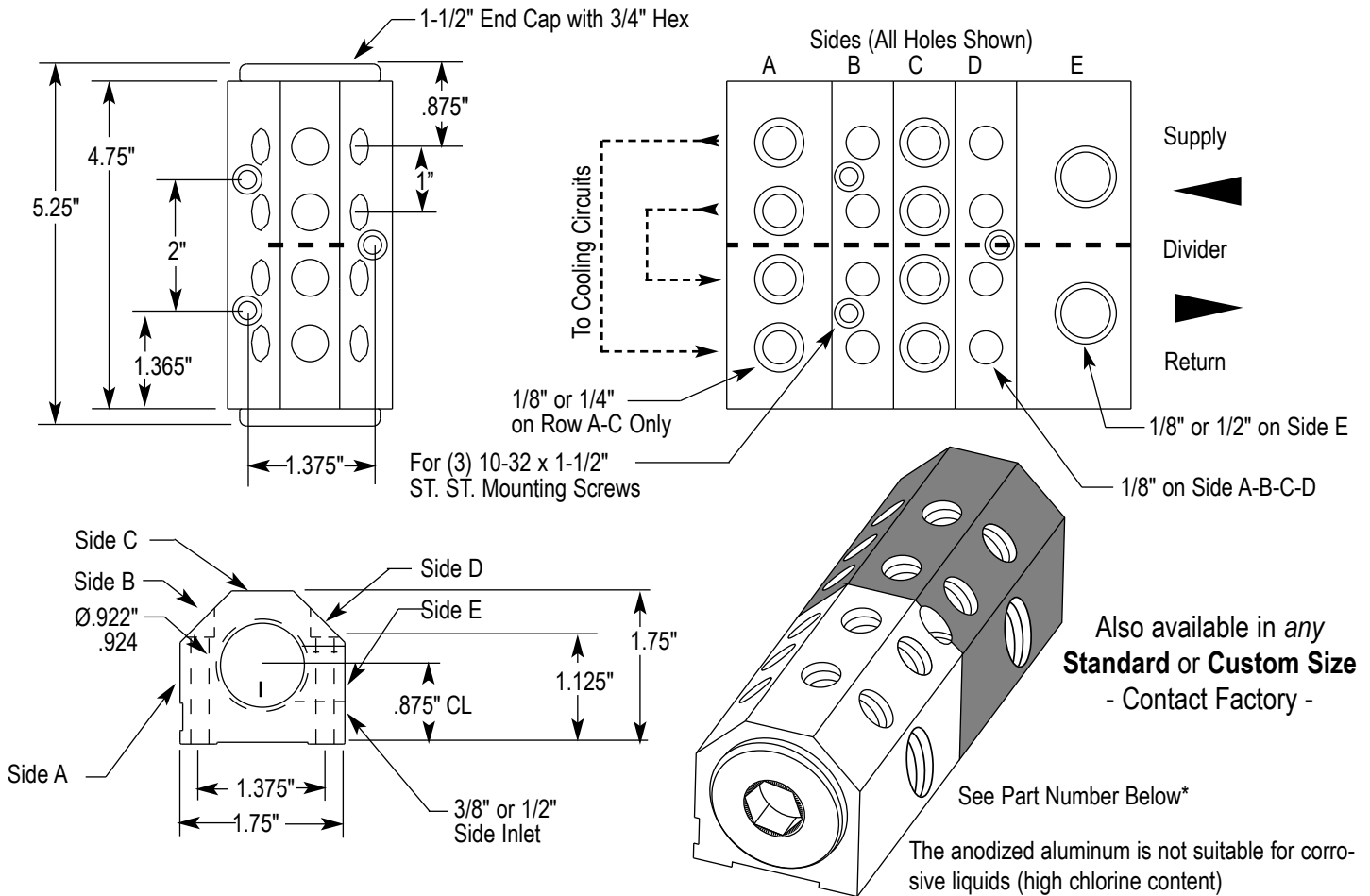
**2" NPT**

For Solid Color Manifolds  
**PRICES INCLUDE:** End Cap and Stainless 1/4" - 20 x 3" SHCS.  
ADDITIONAL 2" MANIFOLD END CAPS: IM-8680 - \$14.00ea.  
**CUSTOM MANIFOLDS QUOTED UPON REQUEST**

**Inline Manifold**

The anodized aluminum is not suitable for corrosive liquids (high chlorine content)

# 3/4" x 5" Sideline™ Manifold



Outgoing Ports					Part Number	Price
Side A In/Out	Side B In/Out	Side C In/Out	Side D In/Out	Side E - Return In/Out		
	(2) (2) 1/8"-1/8"			3/8"-3/8"	IM3S-5-3/8-B-2-2-1/8-N-R/B	\$87.00
(2) (2) 1/8"-1/8"	(2) (2) 1/8"-1/8"			3/8"-3/8"	IM3S-5-3/8-AB-4-4-1/8-N-R/B	\$99.00
	(2) (2) 1/8"-1/8"		(2) (2) 1/8"-1/8"	3/8"-3/8"	*IM3S-5-3/8-BD-4-4-1/8-N-R/B	\$99.00
	(2) (2) 1/8"-1/8"	(2) (2) 1/8"-1/8"	(2) (2) 1/8"-1/8"	3/8"-3/8"	IM3S-5-3/8-BCD-6-6-1/8-N-R/B	\$111.00
(2) (2) 1/8"-1/8"	(2) (2) 1/8"-1/8"	(2) (2) 1/8"-1/8"	(2) (2) 1/8"-1/8"	3/8"-3/8"	IM3S-5-3/8-ABCD-8-8-1/8-N-R/B	\$123.00
	(2) (2) 1/4"-1/4"			1/2"-1/2"	IM3S-5-1/2-B-2-2-1/4-N-R/B	\$87.00
	(2) (2) 1/4"-1/4"		(2) (2) 1/4"-1/4"	1/2"-1/2"	IM3S-5-1/2-BD-4-4-1/4-N-R/B	\$99.00

PRICE INCLUDES: End Caps and (3) 10-32 x 1-1/2" ST. ST. Mtg. Screws. ADDITIONAL 3/4" End Caps \$6.00 ea.

\*Part Number Code:

**IM3S-5-3/8-BD-4-4-1/8-N-R/B**

Sideline Manifold  
3/4" Body

5" Overall Length

3/8" or 1/2" Supply and Return

Red/Blue

Thread Type: N=NPT  
B=BSPT  
P=BSPP

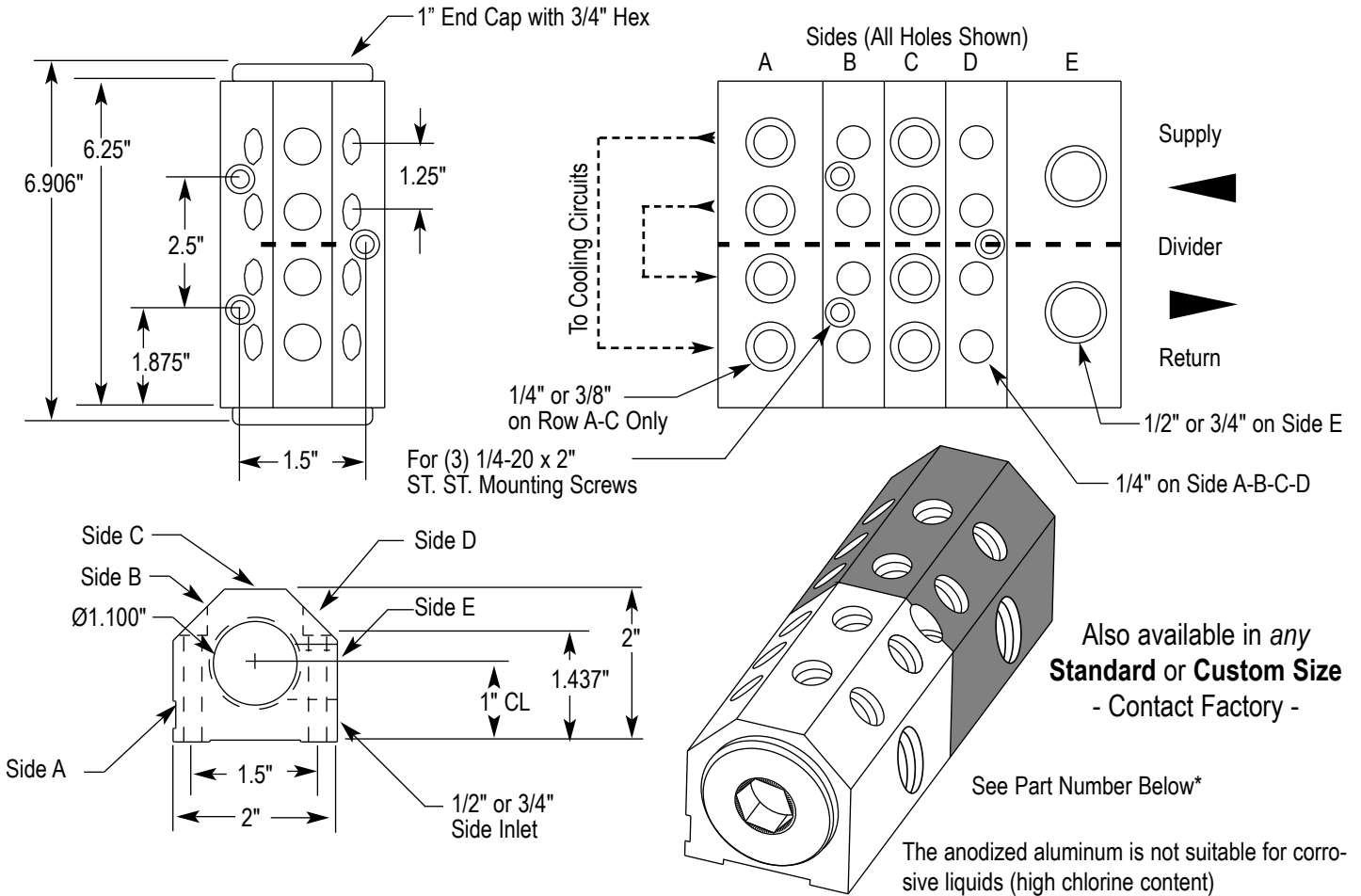
1/8" or 1/4"  
"Out" Ports

(4) "In" Ports

(4) "Out" Ports

"Out" on Side B-D

# 1" x 7" Sideline™ Manifold

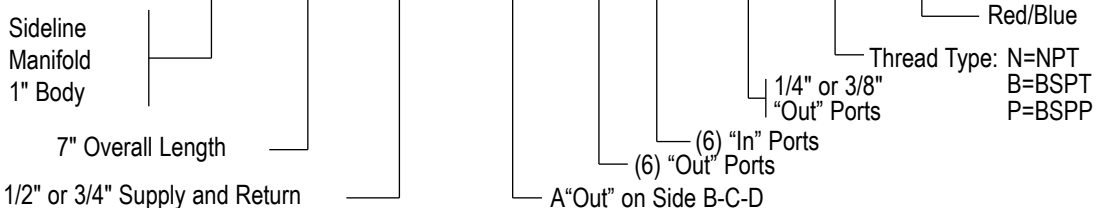


Outgoing Ports					Part Number	Price
Side A In/Out	Side B In/Out	Side C In/Out	Side D In/Out	Side E - Return In/Out		
	(2) (2) 1/4"-1/4"			1/2"-1/2"	IM4S-7-1/2-B-2-2-1/4-N-R/B	\$113.00
(2) (2) 1/4"-1/4"	(2) (2) 1/4"-1/4"			1/2"-1/2"	IM4S-7-1/2-AB-4-4-1/4-N-R/B	\$125.00
	(2) (2) 1/4"-1/4"		(2) (2) 1/4"-1/4"	1/2"-1/2"	IM4S-7-1/2-BD-4-4-1/4-N-R/B	\$125.00
	(2) (2) 1/4"-1/4"	(2) (2) 1/4"-1/4"	(2) (2) 1/4"-1/4"	1/2"-1/2"	*IM4S-7-1/2-BCD-6-6-1/4-N-R/B	\$137.00
(2) (2) 1/4"-1/4"	(2) (2) 1/4"-1/4"	(2) (2) 1/4"-1/4"	(2) (2) 1/4"-1/4"	1/2"-1/2"	IM4S-7-1/2-ABCD-8-8-1/4-N-R/B	\$149.00
	(2) (2) 3/8"-3/8"			3/4"-3/4"	IM4S-7-3/4-B-2-2-3/8-N-R/B	\$113.00
	(2) (2) 3/8"-3/8"		(2) (2) 3/8"-3/8"	3/4"-3/4"	IM4S-7-3/4-BD-4-4-3/8-N-R/B	\$125.00

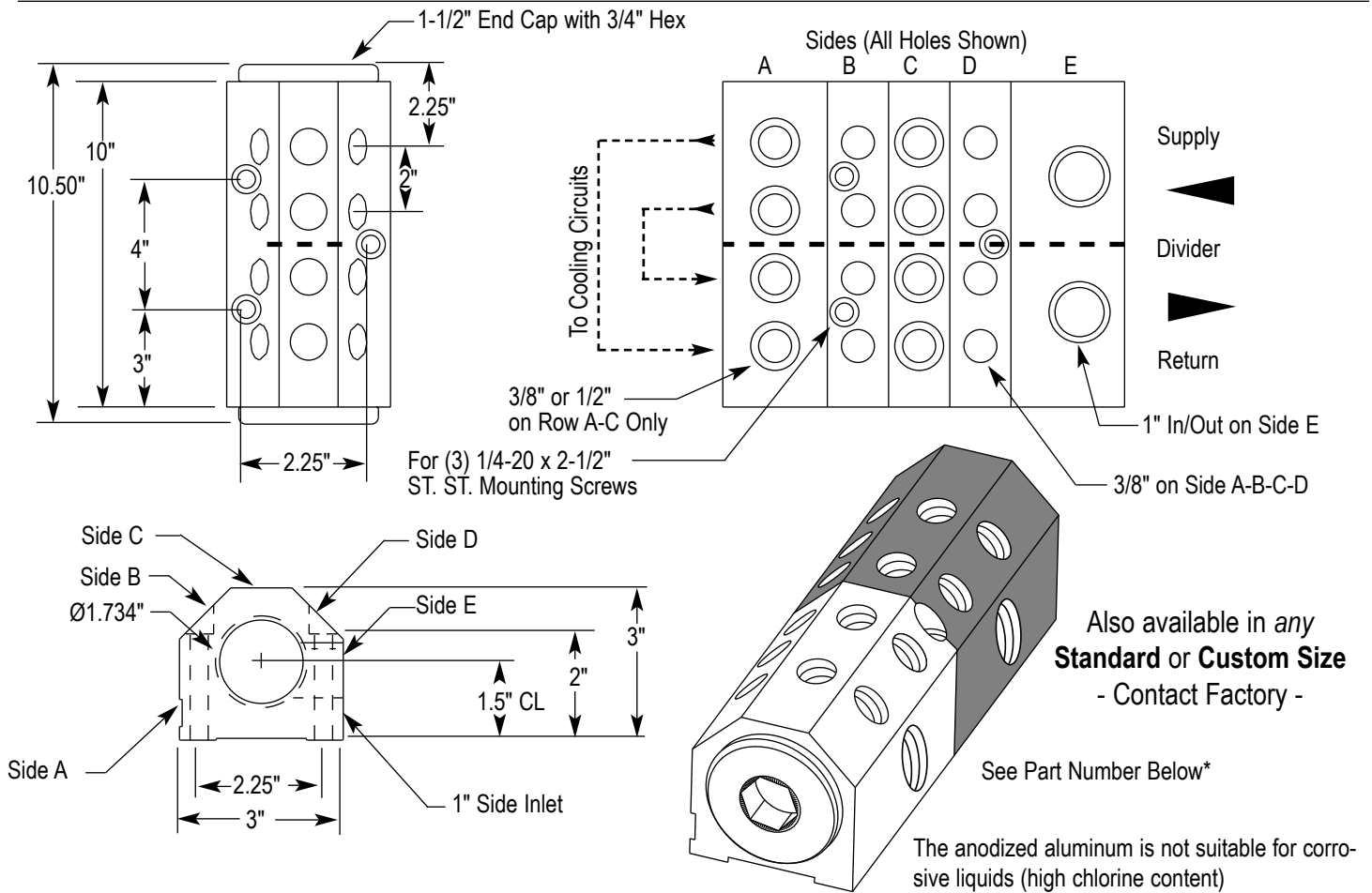
PRICE INCLUDES: End Caps and (3) 1/4-20x2" ST. ST. Mtg. Screws. ADDITIONAL 1" End Caps \$8.00 ea.

\*Part Number Code:

**IM4S-7-1/2-BCD-6-6-1/4-N-R/B**



# 1-1/2" x 10" Sideline™ Manifold

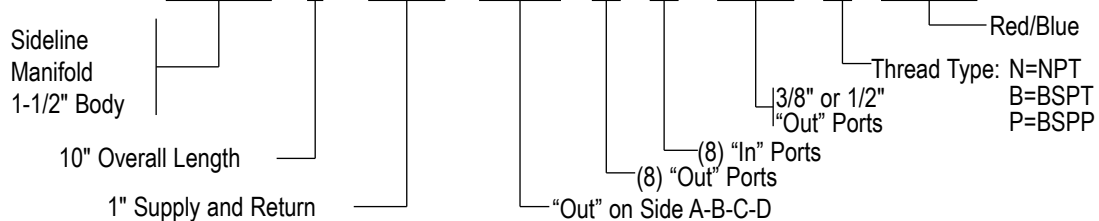


Outgoing Ports					Part Number	Price
Side A In/Out	Side B In/Out	Side C In/Out	Side D In/Out	Side E - Return In/Out		
	(2) (2) 3/8"-3/8"			1"-1"	IM6S-10-1-B-2-2-3/8-N-R/B	\$159.00
(2) (2) 3/8"-3/8"	(2) (2) 3/8"-3/8"			1"-1"	IM6S-10-1-AB-4-4-3/8-N-R/B	\$175.00
	(2) (2) 3/8"-3/8"		(2) (2) 3/8"-3/8"	1"-1"	IM6S-10-1-BD-4-4-3/8-N-R/B	\$175.00
	(2) (2) 3/8"-3/8"	(2) (2) 3/8"-3/8"	(2) (2) 3/8"-3/8"	1"-1"	IM6S-10-1-ABC-6-6-3/8-N-R/B	\$191.00
(2) (2) 3/8"-3/8"	(2) (2) 3/8"-3/8"	(2) (2) 3/8"-3/8"	(2) (2) 3/8"-3/8"	1"-1"	*IM6S-10-1-ABCD-8-8-3/8-N-R/B	\$207.00
	(2) (2) 1/2"-1/2"			1"-1"	IM6S-10-1-B-2-2-1/2-N-R/B	\$159.00
	(2) (2) 1/2"-1/2"		(2) (2) 1/2"-1/2"	1"-1"	IM6S-10-1-BD-4-4-1/2-N-R/B	\$175.00

PRICE INCLUDES: End Caps and (3) 1/4-20 x 2-1/2" ST. ST. Mtg. Screws. ADDITIONAL 1-1/2" End Caps \$10.00 ea.

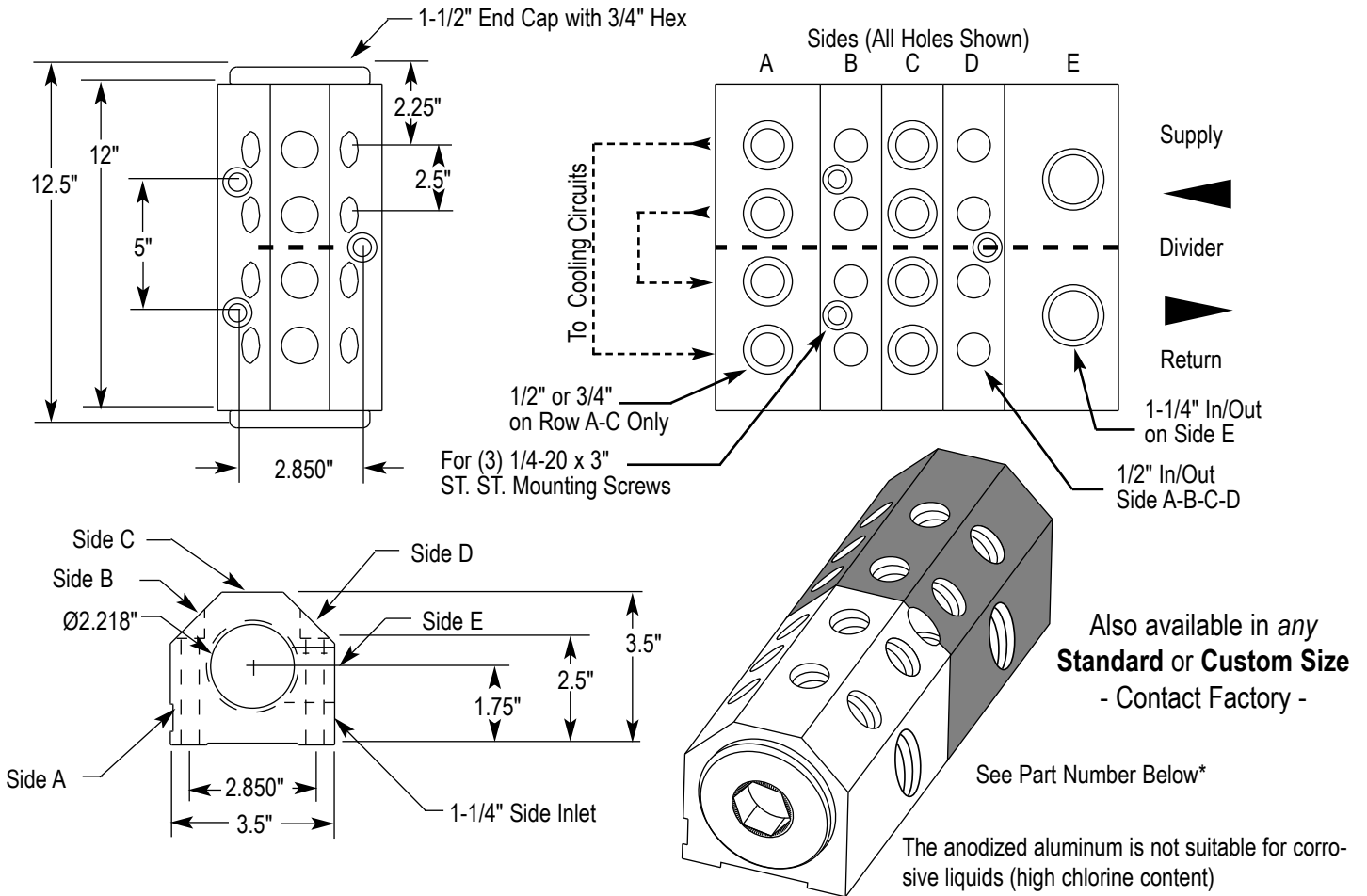
\*Part Number Code:

**IM6S - 10 - 1 - ABCD - 8 - 8 - 3/8 - N - R/B**





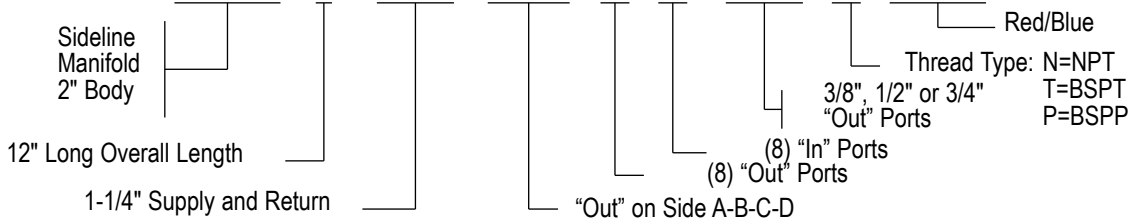
# 2" x 12" Sideline™ Manifold



Outgoing Ports					Part Number	Price
Side A In/Out	Side B In/Out	Side C In/Out	Side D In/Out	Side E - Return In/Out		
	(2) (2) 1/2"-1/2"			1-1/4"-1-1/4"	IM8S-12-1-1/4-B-2-2-1/2-N-R/B	\$220.00
(2) (2) 1/2"-1/2"	(2) (2) 1/2"-1/2"			1-1/4"-1-1/4"	IM8S-12-1-1/4-AB-4-4-1/2-N-R/B	\$244.00
	(2) (2) 1/2"-1/2"		(2) (2) 1/2"-1/2"	1-1/4"-1-1/4"	IM8S-12-1-1/4-BD-4-4-1/2-N-R/B	\$244.00
	(2) (2) 1/2"-1/2"	(2) (2) 1/2"-1/2"	(2) (2) 1/2"-1/2"	1-1/4"-1-1/4"	IM8S-12-1-1/4-BCD-6-6-1/2-N-R/B	\$268.00
(2) (2) 1/2"-1/2"	(2) (2) 1/2"-1/2"	(2) (2) 1/2"-1/2"	(2) (2) 1/2"-1/2"	1-1/4"-1-1/4"	*IM8S-12-1-1/4-ABCD-8-8-1/2-N-R/B	\$292.00
	(2) (2) 3/4"-3/4"			1-1/4"-1-1/4"	IM8S-12-1-1/4-B-2-2-3/4-N-R/B	\$220.00
	(2) (2) 3/4"-3/4"		(2) (2) 3/4"-3/4"	1-1/4"-1-1/4"	IM8S-12-1-1/4-BD-4-4-3/4-N-R/B	\$244.00

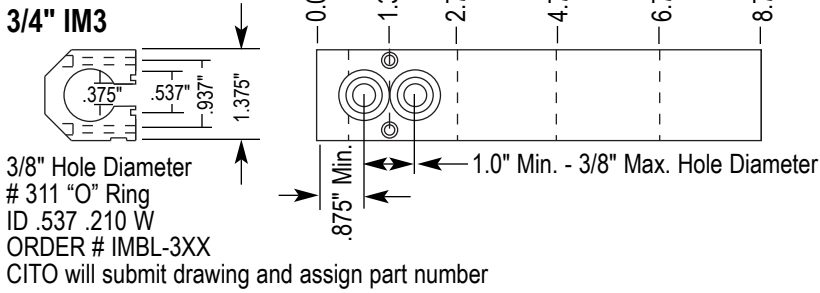
PRICE INCLUDES: End Caps and 1/4 - 20 x 3" ST. ST. Mtg. Screws. ADDITIONAL 2" End Caps \$14.00 ea.

\*Part Number Code: **IM8S-12-1-1/4-ABCD-8-8-3/8-N-R/B**

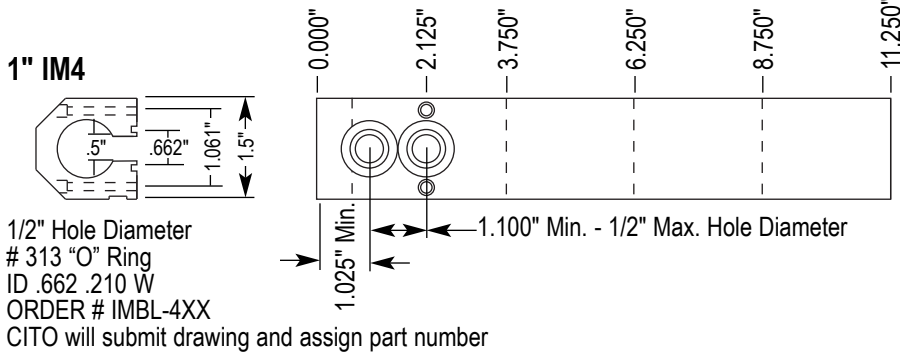


# BottomLine™ Custom Mold Mounted Manifold

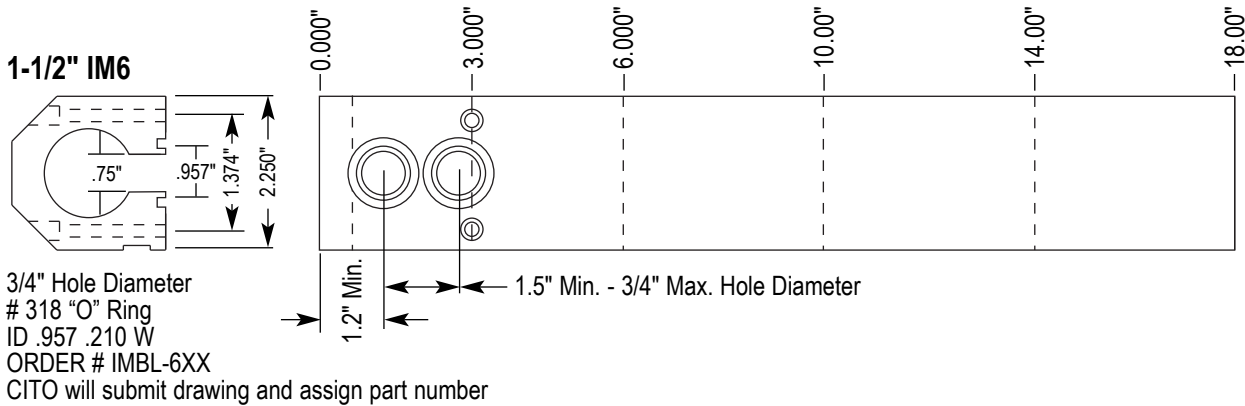
## 3/4" IM3



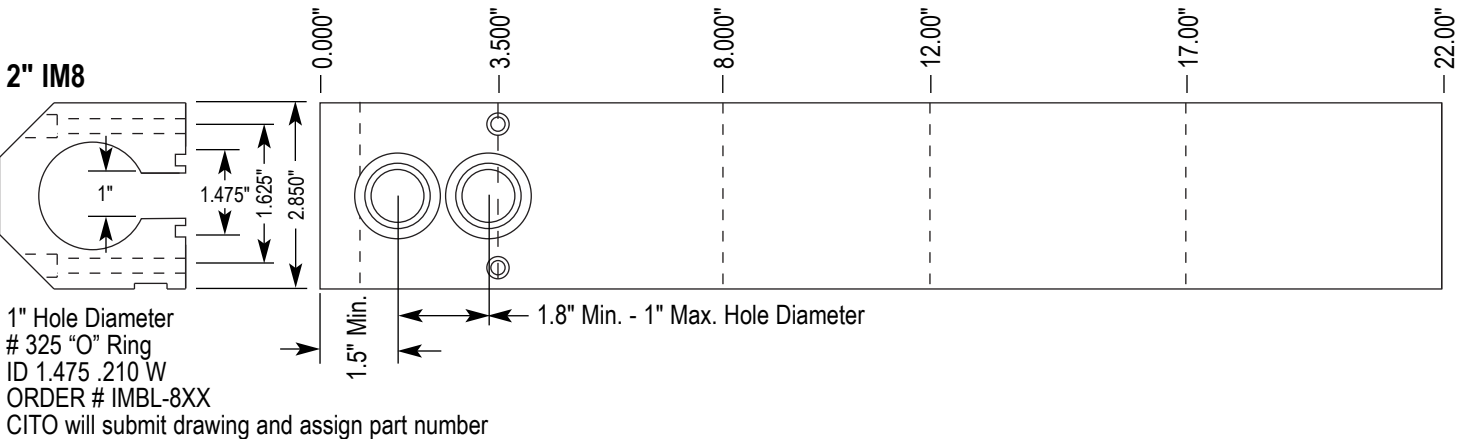
## 1" IM4



## 1-1/2" IM6



## 2" IM8



Submit your requirements for pricing and delivery

**CITO PRODUCTS INC.**

ATTENTION: SALES DEPARTMENT