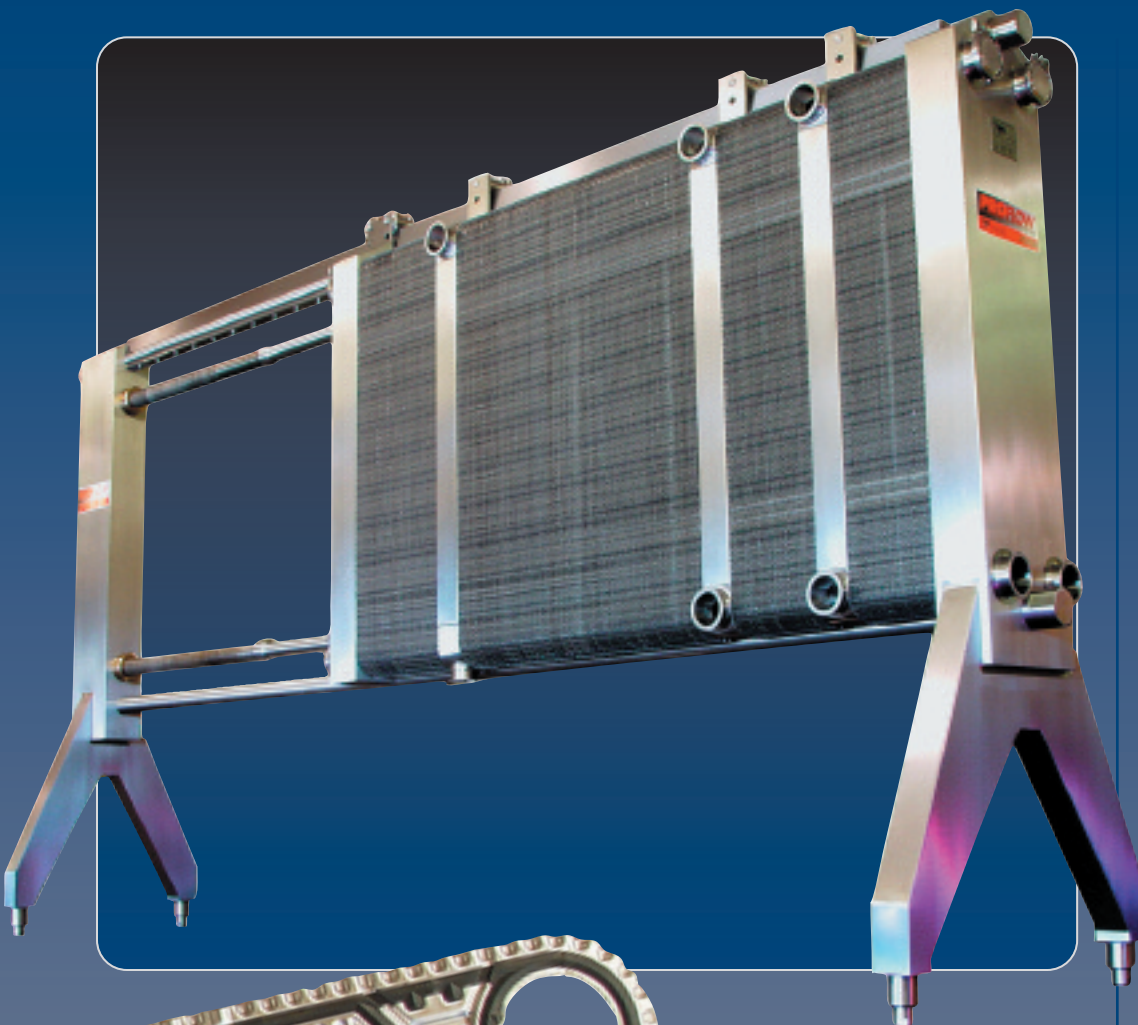


# AR51-M

## PLATE HEAT EXCHANGER FRAME

*"Building the best, servicing the rest"™*



### QUALITY

- Skillfully crafted to 3A sanitary standards.
- Operating pressures up to 200 psig [14 bar].
- Made in the USA.

### DEPENDABILITY

- Time tested, stainless steel clad twin-spindle design - available in multiple leg heights.
- Even closing, easy maintenance.
- Built for full sanitary wash-down environment.

### RELIABILITY

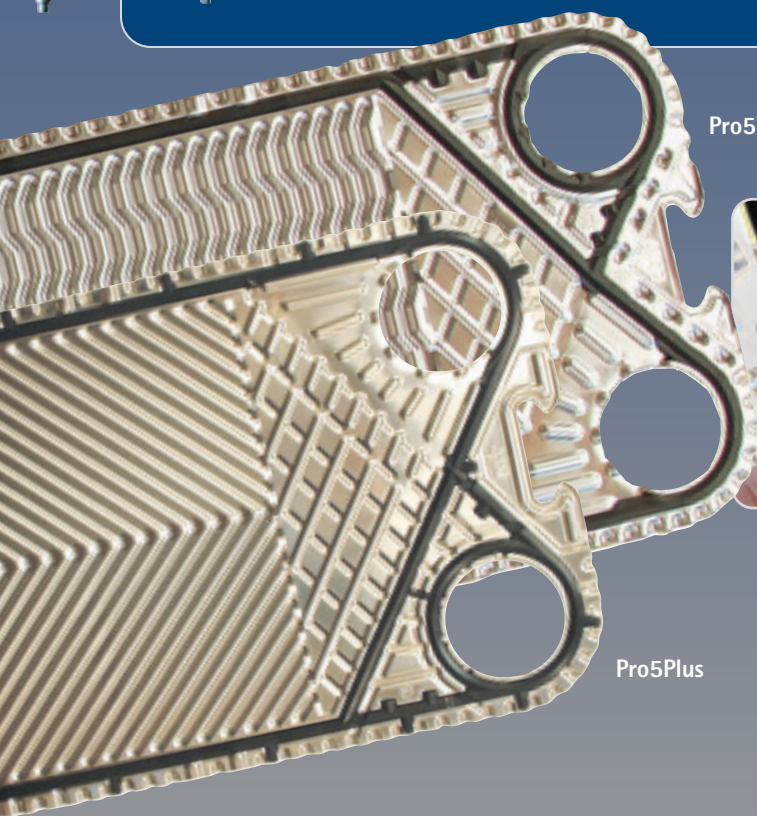
- Rugged and proven design - numerous installations over many years.
- Fixed End and Follower are 6" steel clad in heavy 14 gauge stainless steel material.
- Reinforced weldments provide a sturdy design for long frame life.

### EXPANDABILITY

- Frames supplied for plate expandability.
- All eight ports supplied as standard for future duty expansions.
- Terminals available to safely separate heating, cooling or regeneration sections.

### PLATES

- Pro5 or Pro5Plus plates measure 61 1/4" x 16 3/8" [1556 x 416 mm] - Made in the USA.
- Made of a heavy 0.9mm (Pro5) or 0.7mm (Pro5Plus) thick, 316 stainless steel with a high quality sanitary finish.
- Features an improved heat transfer pattern and a wide gap to resist fouling.
- Line-contact support points to increase the life of the plate.
- Increased entrance area cross-section to decrease pressure loss.
- Solid metal-to-metal contact to allow high operational pressures.



Pro5

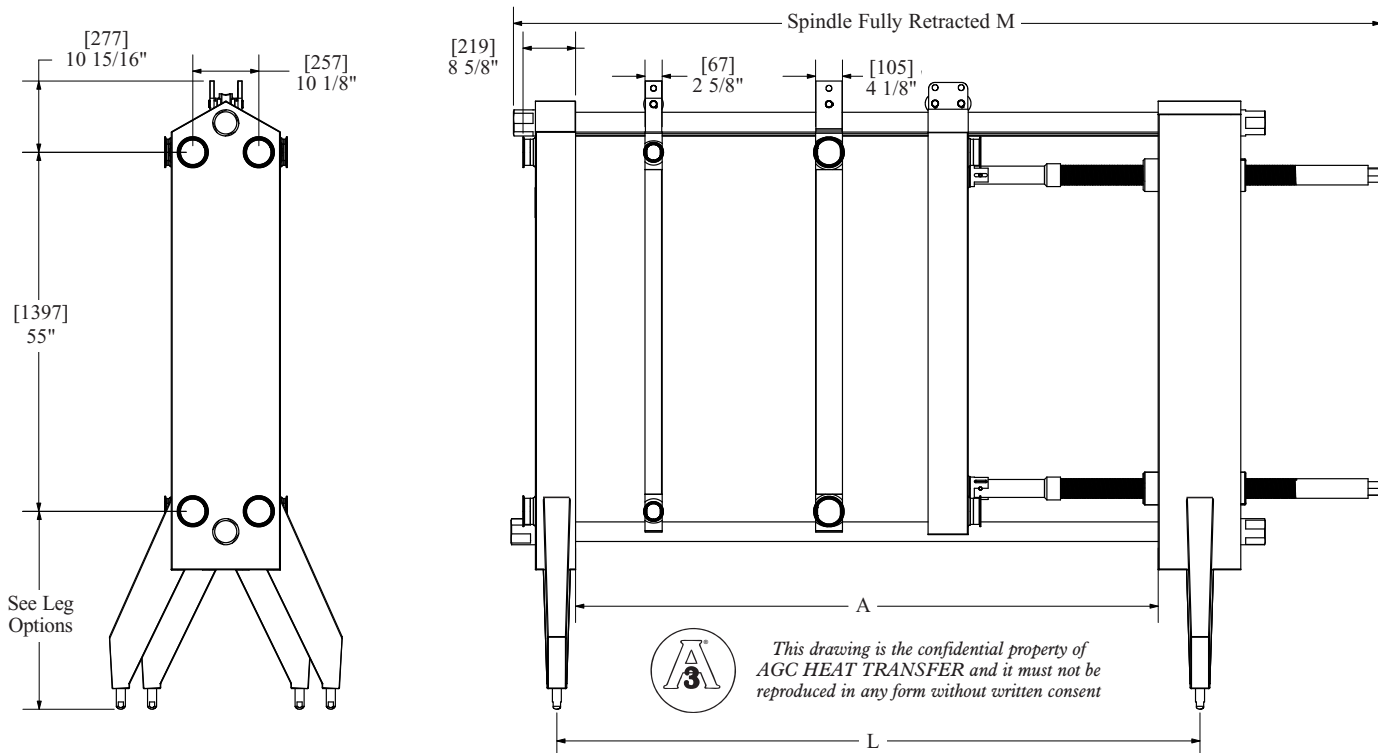


Improved Entrance Area

Pro5Plus

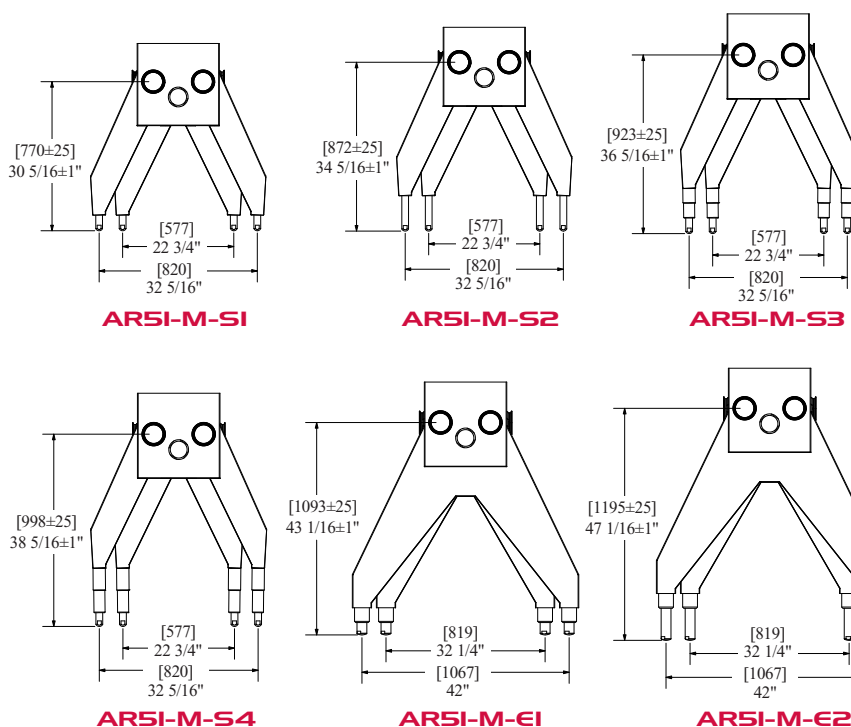


# AR51-M



This drawing is the confidential property of AGC HEAT TRANSFER and it must not be reproduced in any form without written consent

## LEG OPTIONS



Dimensions not to be used for construction

FRAME SIZE	BALL FOOT CENTERS [L]	RAIL LENGTH [A]	FULLY OPEN [M]
1	58 <sup>1</sup> / <sub>4</sub> " [1480]	48 <sup>3</sup> / <sub>4</sub> " [1238]	105 <sup>7</sup> / <sub>8</sub> " [2689]
2	71 <sup>1</sup> / <sub>4</sub> " [1810]	61 <sup>3</sup> / <sub>4</sub> " [1568]	118 <sup>7</sup> / <sub>8</sub> " [3019]
3	82 <sup>1</sup> / <sub>4</sub> " [2089]	72 <sup>3</sup> / <sub>4</sub> " [1848]	129 <sup>7</sup> / <sub>8</sub> " [3299]
4	91 <sup>1</sup> / <sub>4</sub> " [2318]	81 <sup>3</sup> / <sub>4</sub> " [2076]	138 <sup>7</sup> / <sub>8</sub> " [3527]
5	98 <sup>3</sup> / <sub>4</sub> " [2508]	89 <sup>1</sup> / <sub>4</sub> " [2267]	146 <sup>3</sup> / <sub>8</sub> " [3718]
6	112" [2845]	102 <sup>1</sup> / <sub>2</sub> " [2603]	159 <sup>5</sup> / <sub>8</sub> " [4054]
7	123" [3124]	113 <sup>1</sup> / <sub>2</sub> " [2883]	182 <sup>5</sup> / <sub>8</sub> " [4639]
8	133 <sup>1</sup> / <sub>4</sub> " [3386]	123 <sup>3</sup> / <sub>4</sub> " [3143]	192 <sup>7</sup> / <sub>8</sub> " [4899]
9	140" [3556]	130 <sup>1</sup> / <sub>2</sub> " [3315]	199 <sup>5</sup> / <sub>8</sub> " [5070]
10	147 <sup>1</sup> / <sub>4</sub> " [3740]	137 <sup>3</sup> / <sub>4</sub> " [3499]	206 <sup>7</sup> / <sub>8</sub> " [5255]
11	158 <sup>1</sup> / <sub>4</sub> " [4020]	148 <sup>3</sup> / <sub>4</sub> " [3524]	217 <sup>7</sup> / <sub>8</sub> " [5534]
12	170 <sup>1</sup> / <sub>4</sub> " [4324]	160 <sup>3</sup> / <sub>4</sub> " [4083]	229 <sup>7</sup> / <sub>8</sub> " [5839]
13	182 <sup>1</sup> / <sub>4</sub> " [4629]	172 <sup>3</sup> / <sub>4</sub> " [4388]	241 <sup>7</sup> / <sub>8</sub> " [6144]
14	194 <sup>1</sup> / <sub>4</sub> " [4934]	184 <sup>3</sup> / <sub>4</sub> " [4693]	253 <sup>7</sup> / <sub>8</sub> " [6448]
15	206 <sup>1</sup> / <sub>4</sub> " [5239]	196 <sup>3</sup> / <sub>4</sub> " [4997]	265 <sup>7</sup> / <sub>8</sub> " [6753]

## GENERAL INFORMATION

	PRO5	PRO5PLUS
Plate and Gasket Weight:	11.25 lbs/5.10 kg	8 lbs/3.62 kg 5 lbs Titanium/2.27 kg
Plate Capacity:	0.72 US Gallons/2.72 l	0.45 US Gallons/1.70 l
Heat Transfer Area:	5.6 ft <sup>2</sup> /0.52 m <sup>2</sup>	5.6 ft <sup>2</sup> /0.48 m <sup>2</sup>
Plate Thickness:	0.9mm 316 S.S.	0.7mm 316 S.S. 0.6mm Titanium
Frame Weight: (according to size)	3700-4800 lbs / 1678-2177 kg	
Standard Frame Connections:	4" Sanitary Clamp	
Terminal Connections:	2 1/2" or 4" Sanitary Clamp	
Terminal Weight: (standard or wide)	310 - 430 lbs/141-195 kg	



**Western**  
9109 SE 64th Ave.  
Portland, OR 97206  
503.774.7342  
800.715.8820  
FAX 503.774.2550

**Central**  
1325 Remington Rd.  
Suite T  
Schaumburg, IL 60173  
847.301.6890  
FAX 503.774.2550

**Eastern**  
10129 Piper Lane  
Bristow, VA 20136  
703.257.1660  
800.825.8820  
FAX 703.330.7940



AMERICAN  
MADE

**proflow**  
sanitary  
S E R I E S