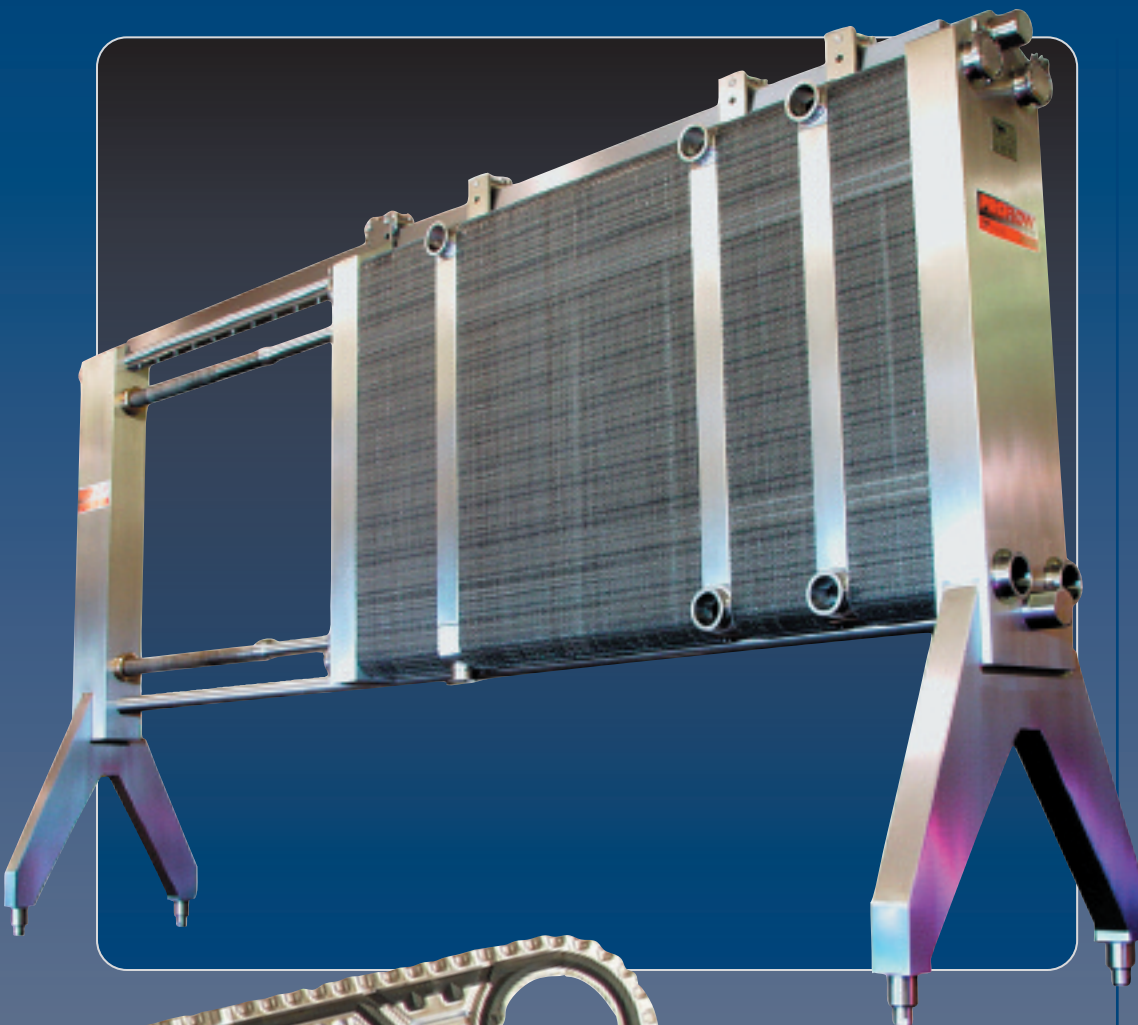


AR51-M

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

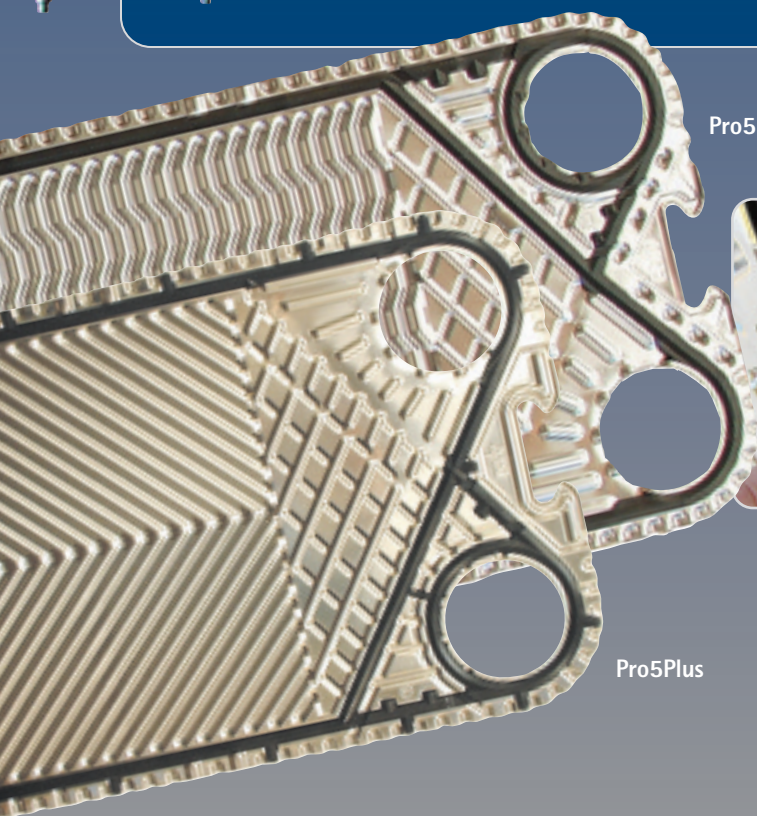
- Rugged and proven design - numerous installations over many years.
- Fixed End and Follower are 6" steel clad in heavy 14 gauge stainless steel material.
- Reinforced weldments provide a sturdy design for long frame life.

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 61¹/₄" x 16³/₈" [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

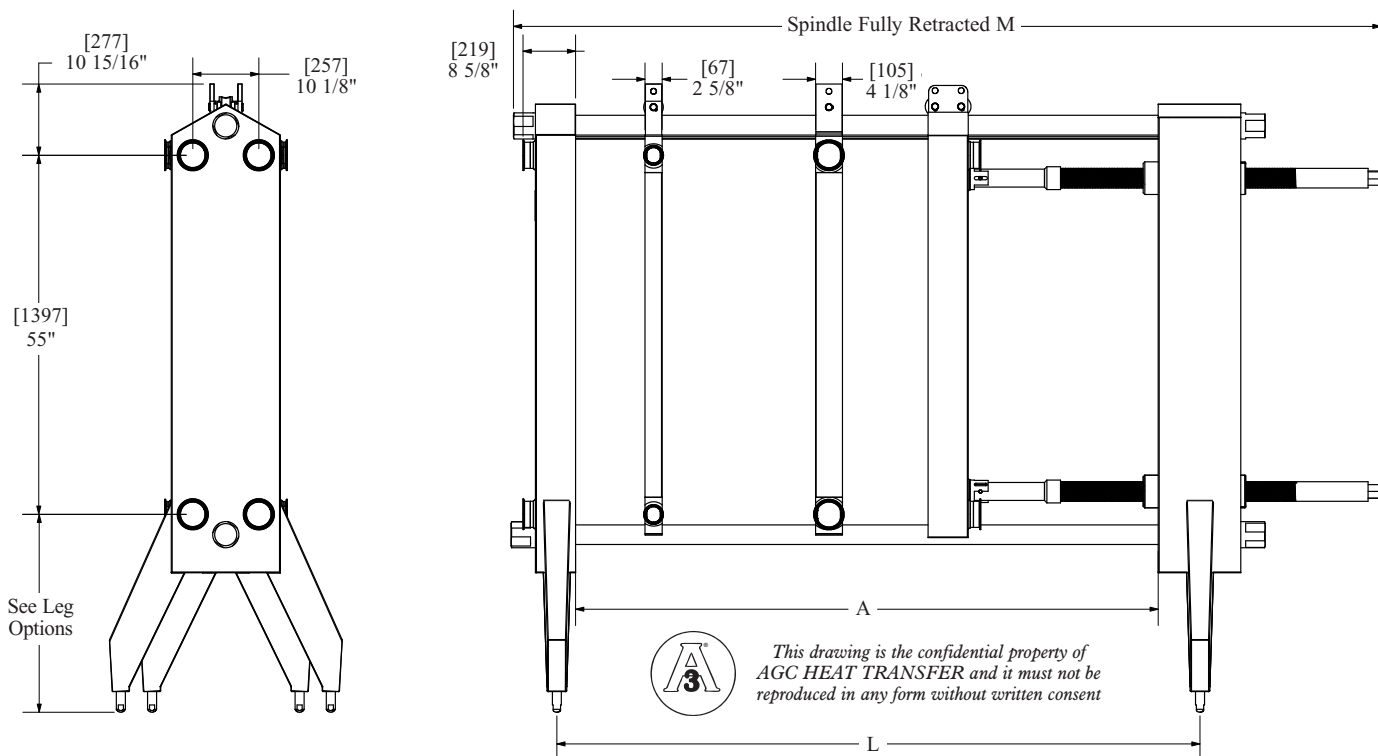


Improved Entrance Area

Pro5Plus

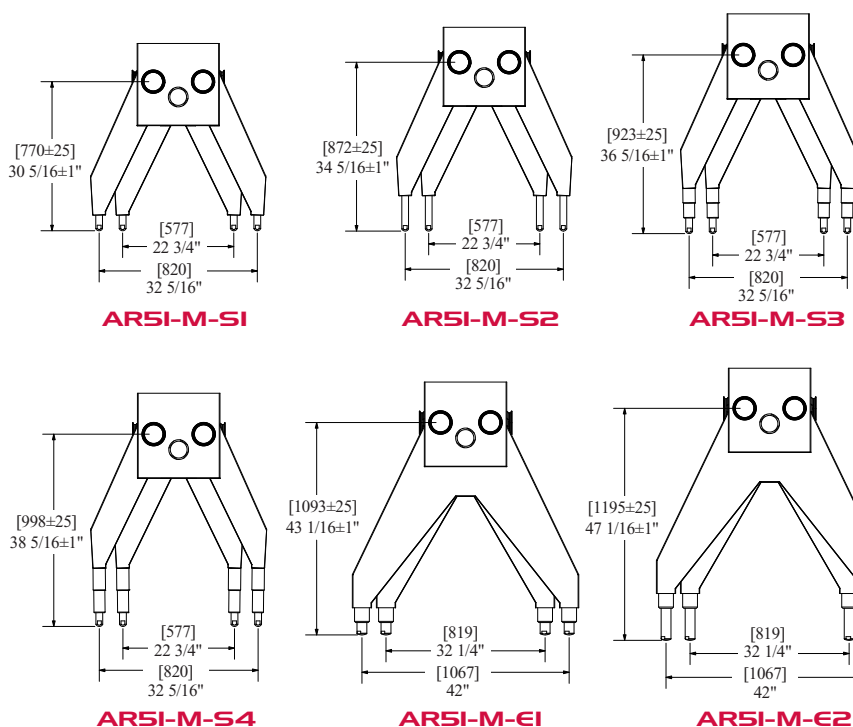


AR51-M



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LEG OPTIONS



Dimensions not to be used for construction

FRAME SIZE	BALL FOOT CENTERS [L]	RAIL LENGTH [A]	FULLY OPEN [M]
1	58 ¹ / ₄ " [1480]	48 ³ / ₄ " [1238]	105 ⁷ / ₈ " [2689]
2	71 ¹ / ₄ " [1810]	61 ³ / ₄ " [1568]	118 ⁷ / ₈ " [3019]
3	82 ¹ / ₄ " [2089]	72 ³ / ₄ " [1848]	129 ⁷ / ₈ " [3299]
4	91 ¹ / ₄ " [2318]	81 ³ / ₄ " [2076]	138 ⁷ / ₈ " [3527]
5	98 ³ / ₄ " [2508]	89 ¹ / ₄ " [2267]	146 ³ / ₈ " [3718]
6	112" [2845]	102 ¹ / ₂ " [2603]	159 ⁵ / ₈ " [4054]
7	123" [3124]	113 ¹ / ₂ " [2883]	182 ⁵ / ₈ " [4639]
8	133 ¹ / ₄ " [3386]	123 ³ / ₄ " [3143]	192 ⁷ / ₈ " [4899]
9	140" [3556]	130 ¹ / ₂ " [3315]	199 ⁵ / ₈ " [5070]
10	147 ¹ / ₄ " [3740]	137 ³ / ₄ " [3499]	206 ⁷ / ₈ " [5255]
11	158 ¹ / ₄ " [4020]	148 ³ / ₄ " [3524]	217 ⁷ / ₈ " [5534]
12	170 ¹ / ₄ " [4324]	160 ³ / ₄ " [4083]	229 ⁷ / ₈ " [5839]
13	182 ¹ / ₄ " [4629]	172 ³ / ₄ " [4388]	241 ⁷ / ₈ " [6144]
14	194 ¹ / ₄ " [4934]	184 ³ / ₄ " [4693]	253 ⁷ / ₈ " [6448]
15	206 ¹ / ₄ " [5239]	196 ³ / ₄ " [4997]	265 ⁷ / ₈ " [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 ² /0.52 m ²	5.6 ft ² /0.48 m ²
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	



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