

AGC
ENGINEERING

AR56-S

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

- Stainless steel clad design polished to a consistent #4 finish.
- Oversized tie bolts for easy open/close operation.
- Built for full sanitary wash-down environment.

RELIABILITY

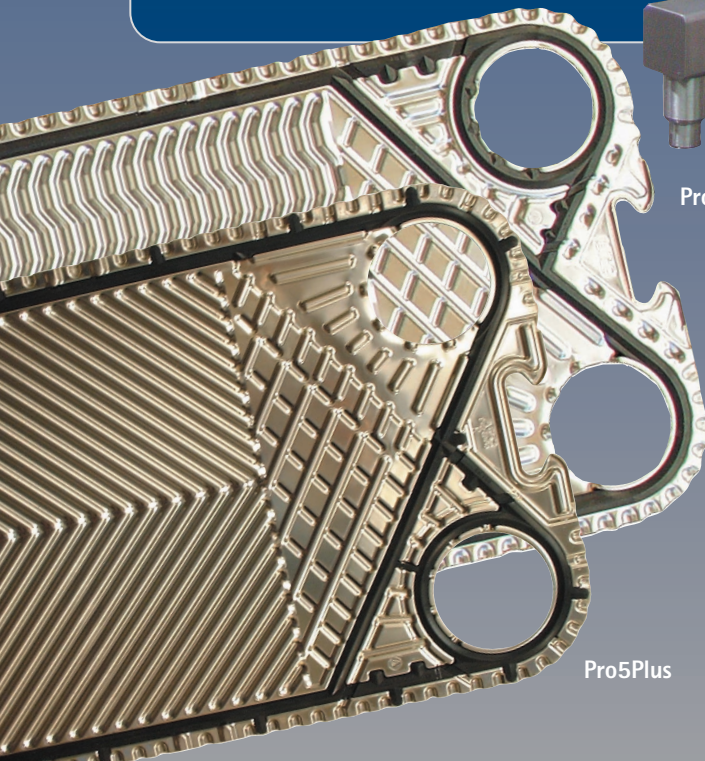
- Heavy 14 gauge stainless steel clad material for long life.
- Strong internal solid steel plate - rugged and proven design.
- Enclosed tie bolt bearings.

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.

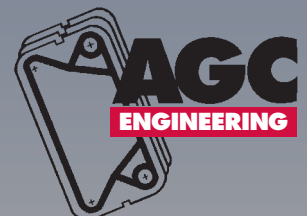


Pro5

Pro5Plus

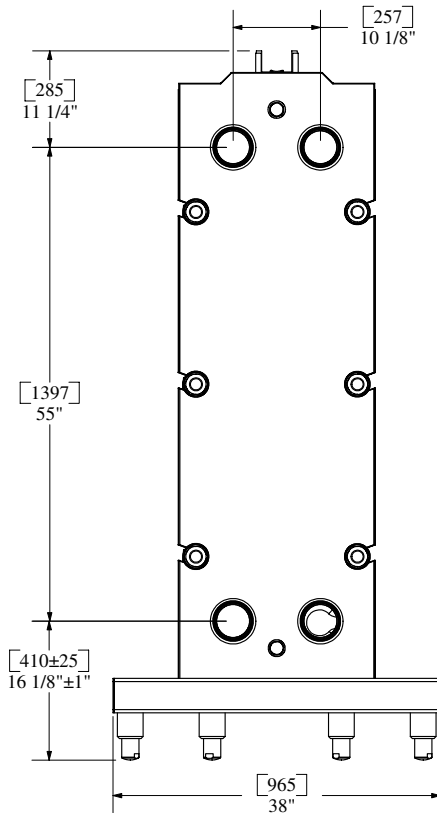


Improved Entrance Area

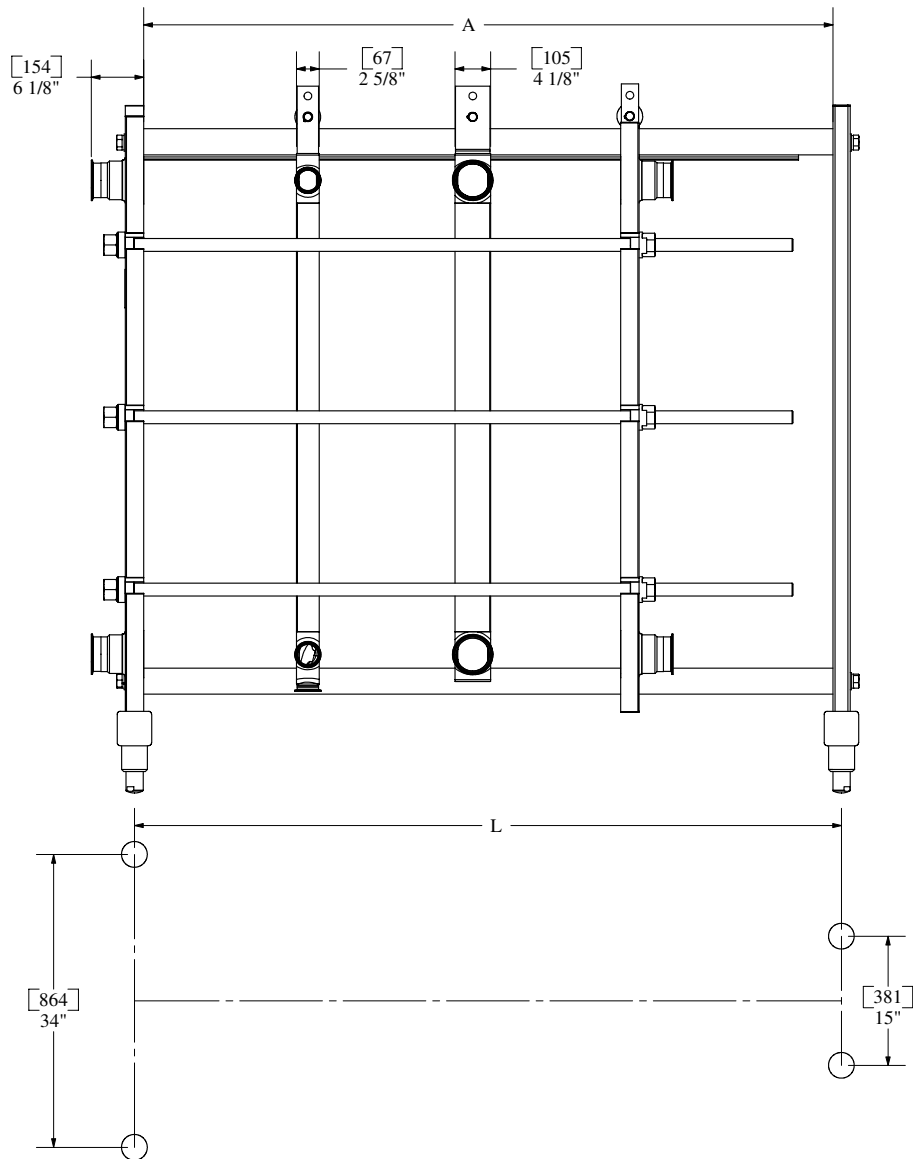


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GENERAL INFORMATION

	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 / .52m ²	5.2 ft ² / .48m ²
Plate Thickness:	0.9 mm 316 S.S.	0.7 mm 316 S.S. 0.6 mm Titanium
Frame Weight: (according to size)	2200-2700 lbs / 998-1225 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	

FRAME SIZE	FOOT CENTERS (L)	RAIL LENGTH (A)	PRO5 PLATE CAPACITY	PRO5PLUS PLATE CAPACITY
1	38" [965]	36" [914]	55	75
2	57" [1448]	55" [1397]	120	160
3	82" [2083]	80" [2032]	200	270
4	97" [2464]	95" [2413]	255	330
5	118" [2997]	116" [2946]	330	420
6	142" [3607]	140" [3556]	405	525

Dimensions not to be used for construction



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