

Vega 017 Heat Exchanger Plate

The Vega 017 is a 2.5" ported, well-balanced plate designed for high efficiency hygienic applications.

Designed as the next-generation replacement for the legacy SR2, HX, and H17 plates for hygienic applications, the Vega 017 features diagonal flow over 1.83 ft² (0.17m²) of heat transfer area. It is designed to reduce the effect of pressure increases due to fouling and provide for long run times while still maintaining high thermal efficiency. It also enables longer production time, gentle product treatment and reduced fouling.

KEY FEATURES

- A Port Strength:** Careful attention to detail avoids weak areas that can cause plate deformation and shorten plate life. Reinforced inlet area provides rigid surface for secure sealing.
- B Radius Port:** The Vega radiused port edge design provides excellent strength while minimizing the risk of product build up on flat, hard-to-clean areas found in some other plate products. Generous port size provides lower pressure drops.
- C EasyClip®:** EasyClip® allows you to quickly and securely install and remove gaskets for increased serviceability and gasket longevity. A robust design, EasyClip® allows gaskets to be interlocked between plates providing trouble-free installation.
- D Distribution:** The Vega inlet design provides a homogenous and efficient distribution of product across the plate and into each channel avoiding low turbulence flat areas.
- E Plate Interlock:** Vega plate interlock system provides safe and reliable alignment of plates during assembly, reducing the risk of plate damage and incorrect position. Positioned at all four corners, the Vega plate interlock assures proper assembly and saves time.

TYPICAL APPLICATIONS

- Milk pasteurization
- Ice cream mix heat treatment
- UHT processing
- Egg processing
- Sauces, ketchup pasteurization
- Fruit juice pasteurization
- Sports drinks
- Beer pasteurization
- Wort cooling
- Personal care products

FEATURE	ADVANTAGES	BENEFITS
EasyClip® gasket system	Reduced plate/gasket mis-alignment	Improved sealing and gasket life
Diagonal flow path	Uniform heat treatment	Produces higher quality product
Washboard plate	Promotes turbulence and cleanability	Maximizes runtimes and CIP
CornerLock®	4-point uniform plate alignment	Greater plate life and seal integrity
Efficient 0.6 mm plate	V017 fits existing SR2 frames	Lower capital investment



PRODUCT SPECIFICATIONS

WIDTH IN (MM)	HEIGHT IN (MM)	THICKNESS MM	PORT DIAMETER IN (MM)	SURFACE AREA FT ² (M ²)
11.9 (302)	33.3 (845)	0.5	2.5 (63.5)	1.85 (0.172)
		0.6		
		0.7		
		0.8		

MATERIALS

PLATE MATERIAL OPTIONS	GASKET OPTIONS CLIPPED
Alloy C2000	EPDM RC (Paratemp)
Alloy C276	EPDM per. (FDA)
Stainless Steel AISI 304 (W1.4301 DIN 17441)	FKM (FDA) (Paracent)
Stainless Steel AISI 316L	FKM (Steam) (Paradur)
Titanium ASTM B265 Gr. 1	FKM GF (Paraflor)
	NBR per. (FDA)

FRAMES

FRAME	WIDTH IN (MM)	HEIGHT IN (MM)	CONNECTION DIAMETER IN (MM)	DESIGN
M-12	13.9 (353)	43.6 (1,107)	2.5 (63.5)	Industrial
M-17 SER 2	15.4 (391)	37.6 (955)		Industrial
M-27	15.4 (391)	43.6 (1,107)		Industrial
R-14	15.4 (392)	42.9 (1,090)		Sanitary
SR21	25.2 (641)	65.5 (1,664)		Sanitary
SR24S	14.8 (375)	43.5 (1,105)		Sanitary
SR25S	16.2 (411)	44.1 (1,121)		Sanitary
SR25SL	24 (610)	67 (1,702)		Sanitary

Based in Charlotte, North Carolina, SPX FLOW, Inc. (NYSE: FLOW) is a multi-industry manufacturing leader. For more information, please visit www.spxflow.com

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