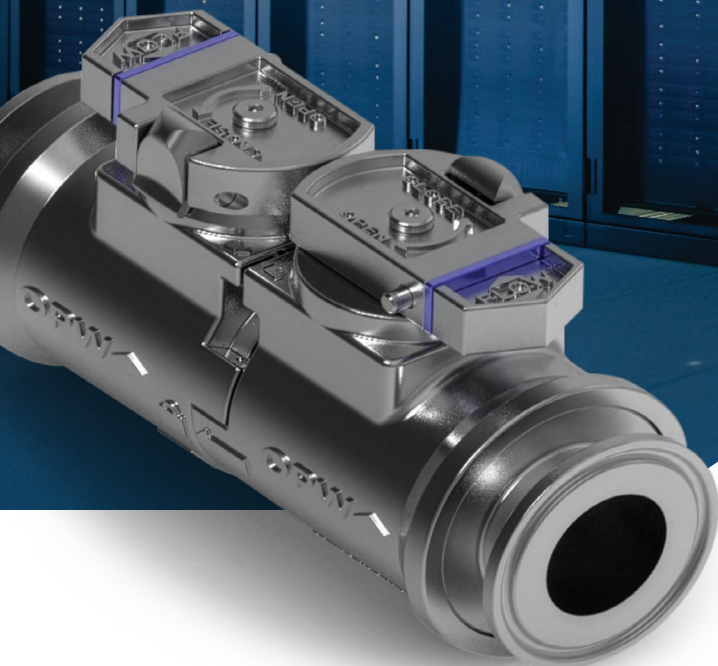


HYPERFLOW™

HIGH-FLOW DATA CENTER COUPLER



LIQUIP 
PART OF OPW a **DOVER** company

Advanced Performance for High-Flow Data Center Applications

The HyperFlow™ High-Flow Coupler is engineered for safety and reliability in high-performance liquid-cooled data center applications.

With a Cv of 48 and maximum flow rate of 100 gpm, HyperFlow is designed for maximum flow with minimal pressure drop. Connection is fast, easy and secure, with a 2X Safety Locking System that eliminates spills by preventing accidental decoupling and opening.

Features and Benefits:

- Full port design aligns with the hose diameter to provide a Cv rating of 48 and a maximum flow rate of 100 gpm
- Coupler halves connect easily with a simple twist, ideal for overhead applications and tight spaces
- The patent-pending system consists of two identical coupler halves that interlock, held together with four locking tabs
- 2X Safety Locking System prevents disconnected valves from accidentally opening, and connected valves from accidentally disconnecting
- Coupler body conforms to the pipe diameter, maximizing available space in the server cabinet and server room
- Each coupler includes red and blue temperature indicator bands, which can be added to the handle for easy identification of the fluid line temperature

Performance Specification:

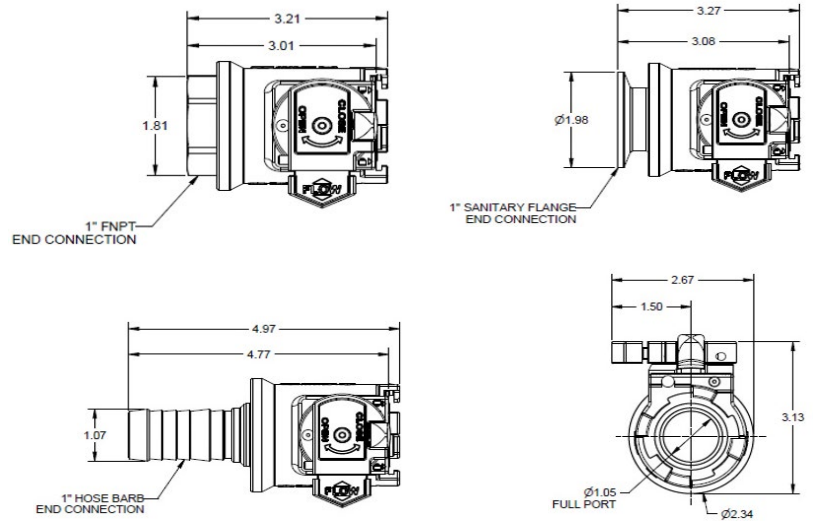
Product	Coupler Size	Valve Opening	Fluid Loss at Disconnect	Flow Rate			Connected/Disconnected			
				GPM	LPM	Cv	Max Operating Pressure		Min Burst Pressure	
							BAR	PSI	BAR	PSI
HyperFlow™	1"	1.049"	3 ml	100	379	48	10	150	20	300

Seal Specification:

Material	Temperature Range	
	Fahrenheit°	Celsius°
EPDM-P	-40 to 302	-40 to 150



Technical Drawings:



Product Information:

Part Number	Body Size	End Connection*	Overall Length		Body Diameter		Overall Height	
			IN	MM	IN	MM	IN	MM
HF16A-0104	1"	FNPT	3.21	81.53	2.34	59.44	3.13	79.50
HF16F-0104	1"	Sanitary Flange	3.27	83.06	2.34	59.44	3.13	79.50
HF16H-0104	1"	Hose Shank	4.97	126.24	2.34	59.44	3.13	79.50

*Custom options are available. Contact your Sales Representative for details.

Flow Rate vs. Pressure Drop

