PC 2500
COMPACT CHILLER



Compact, Versatile Liquid Cooling

Compact & Ready to Use
Fully assembled air-cooled chiller designed for quick installation and seamless integration into your setup.

Quiet & Reliable Operation
Engineered with a low-noise pump and robust components, making it ideal for both industrial and indoor environments.

Powerful Cooling
Delivers a reliable 2.5 kW cooling capacity, ensuring stable temperatures even under demanding conditions.

Simplified Maintenance
Features a tool-free quick-release filter system, reducing downtime and keeping performance at its best.

Energy Efficient
Equipped with a modern micro-channel condenser and low refrigerant volume with low GWP R513A for environmentally friendly, cost-effective operation.

Built for Versatility
Designed to perform in ambient temperatures up to +122 °F, making it a perfect fit for a wide range of applications.

PC 2500 CHILLERS (8,530 BTU/hr)

Model Number	Rated Voltage AC 50 / 60 (V ±10 %)	Cooling Capacity W64 / A90 (with pump) 60 Hz			Flow Rate of Pump		Pump Pressure		Tank Volume		Connections (medium) IG (BSP)	Dry Weight	
		(BTU/hr)	(kW)	(Ton)	(GPM)	(LPM)	(psi)	(bar)	(gal)	(liters)		(lb)	(kg)
PC 2500	230 1~50/60	8,530	2.5	0.7	2	7.5	43	3	2.6	10	3/8"	144	65

Part Number	42160253003	42160253004	42160253005	
Configuration	H	HS	HSP	
Ambient Temp. Range	Min: 10°C / 45°F . . . Max: 50°C / 122°F			
Medium	Water / Glycol – 80% / 20%			
Medium Temp. (Outlet)	+55°F .. +86°F (+13°C … +30°F) Factory Set Point 64°F (18°C)			
Target Value Tolerance	±2 K		±1 K	
Refrigerant Type	R513A			
Air Volume Flow	1,290			(m^3/h)
Max Power Consumption	1.6			kW
Max Current Consumption	7.5			A
Max Noise Level @ 60 Hz (EN ISO 3741)	65			dB
Application Environment	Indoor			
Dimensions (X x Y x Z) (with damper feet)	27.9 x 18.6 x 25.8 | 708 x 473 x 654			in.|mm
Color	RAL 7021			

Configurations

Hydraulic Protection (H)

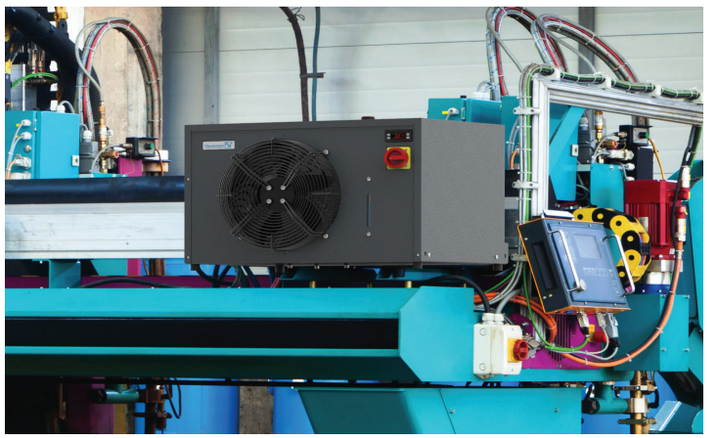
Ensures pump and system safety with built-in flow monitoring, dry-run protection, and hydraulic bypass to prevent pressure overloads.

Hydraulic + Smart Cooling (HS)

Adds intelligent temperature control, early fault detection, and service-friendly diagnostics for improved performance and uptime.

Hydraulic + Smart + Precision Cooling (HSP)

Delivers maximum stability with ±1 K temperature accuracy, hot gas bypass control, and optimized fan regulation for sensitive applications.



Pfannenberg USA
1-886-689-0085
sale@pfannenbergusa.com
www.pfannenbergusa.com

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PRODUCT INFORMATION
https://hubs.ly/Q03JCQBK0

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