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PR PRODUCT

RECIRCULATION PLATFORMS

The P type fluid recirculation platforms are compact hydraulic interfaces especially designed for industrial processes.

These platforms require an industrial water circuit.

PRIMARY CIRCUIT

Y type filter 500 μ (1mm on PR15->50)

Thermostatic valve or 3-way valve (options)

S/STEEL HEAT EXCHANGER

SECONDARY CIRCUIT

Stainless-steel open buffer tank 160L (option 300L)

High-pressure stainless-steel pump 4.5 bar (option 6 bar)

Automatic discharge valve (bypass on PR15->50)

Y type filter 500 μ (1mm on PR15->50)

ELECTRICAL PANEL

Network voltage AC 400V - 3ph - 50Hz

Option AC 440V - 3ph - 60Hz

Motor protection and water level safety



TECHNICAL SPECIFICATIONS

PR PRODUCT	Cooling capacity $\Delta T1 / \Delta T2$	$\Delta T1 / \Delta T2$	Water flow	Dimensions	Weight
	kW	$^{\circ}\text{C}$	l/min	mm (L x W x H)	kg
PR15	15 / 10	5.4 / 3.6	40	580 x 525 x 1220	70
PR20	20 / 14	5.7 / 4.0	50	580 x 525 x 1220	70
PR35	35 / 24	7.7 / 5.3	65	580 x 525 x 1220	75
PR50	50 / 34	9.0 / 5.1	80	580 x 525 x 1220	75
PR60	60 / 40	8.6 / 5.7	100	1200 x 600 x 850	160
PR75	75 / 50	8.6 / 5.7	125	1200 x 600 x 850	160
PR90	90 / 60	8.6 / 5.7	150	1200 x 600 x 850	160
PR105	105 / 70	8.6 / 5.7	175	1200 x 600 x 850	175
PR120	120 / 80	8.6 / 5.7	200	1200 x 600 x 850	175
PR150	150 / 100	8.6 / 5.7	250	1200 x 600 x 850	190
PR180	180 / 120	8.6 / 5.7	300	1200 x 600 x 850	190
PR210	210 / 140	8.6 / 5.7	350	1200 x 600 x 850	205
PR240	240 / 160	8.6 / 5.7	400	1200 x 600 x 850	205

For cooling capacity $\Delta T1$: Primary inlet water temperature 20°C - Secondary outlet water temperature = $20^{\circ}\text{C} + \Delta T1$

For cooling capacity $\Delta T2$: Primary inlet water temperature 20°C - Secondary outlet water temperature = $20^{\circ}\text{C} + \Delta T2$