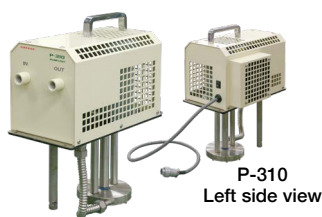


P-310 for Compact CH series (AC 100 V)

Original vertical leakless pump.

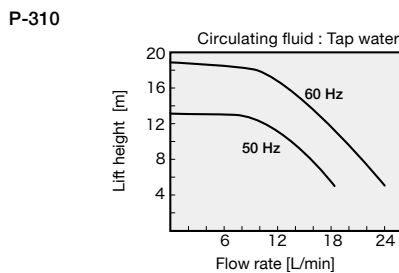
•Compact CH series (AC 100 V) --> P.196-197



Model	P-310
Applicable units	CH-601A, CH-601B
Max. lift height [m] (50/60 Hz)	12.5/17
Max. flow rate [L/min] (50/60 Hz)	19/23
Connection diameter	Rc3/8
Circulatory circuit	1
Motor output	250 W
Safety device/function	Thermal protector
Materials of wetted parts	Stainless
Weight	approx. 13 kg
Power Supply (from the main unit)	AC 100 V 50/60 Hz 3.9/4.1 A
Standard accessory	Fixing screws

•Please refer to the right page for the dimensions. •P-310 should be used with tap water or solution antifreeze (Show Brine Blue) and water mixed and cannot be used with silicon oil.

Pumping capacity curve



Optional Accessories (Common in Pump units)

Antifreeze Show Brine Blue

P-320/420/520 for Compact CH series (AC 200 V).

Available the model used with not only tap water also antifreeze.

•Compact CH series (AC 100 V) --> P.198

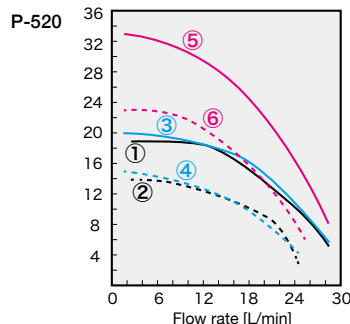
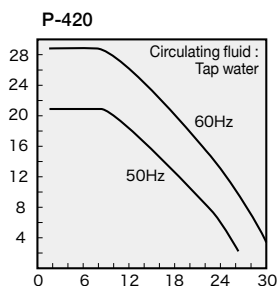
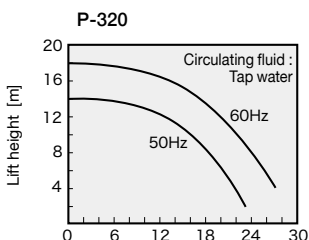
For optional parts refer to the above.



Model	P-320	P-420	P-520
Applicable units	CH-402B/602B/802B/802W		
Max. lift height [m] (50/60 Hz)	14/18	20/28	Tap water: 13/19, Antifreeze: 14/20, Galden®: 23/33
Max. flow rate [L/min] (50/60 Hz)	23/27	25/29	Tap water: 23/27, Antifreeze: 23/27, Galden®: 24/28
Nozzle diameter/Circulatory circuit	Nozzle diameter: Rc3/8, Circulatory circuit: 1		
Motor output	300 W		
Safety device/function	Thermal protector		
Materials of wetted parts	Stainless		
Weight	approx. 10 kg	approx. 12.5 kg	approx. 13.5 kg
Power Supply (from the main unit)	Three-phase, AC 200 V 50/60 Hz 1.4 A	Three-phase, AC 200 V 50/60 Hz 1.7/1.6 A	Three-phase, AC 200 V 50/60 Hz 1.8/1.6 A
Standard accessory	Fixing screws		

•Please refer to the right page for the dimensions. •The above data for P-520 was recorded when the tap water/antifreeze/Galden® was at 20°C/no load. •P-320 should be used with circulating fluid below specific gravity 1.06 and kinetic viscosity 8.5 mm²/s. •P-420 cannot be used with circulatory liquid with higher specific gravity and kinetic viscosity than water. •For P-520, antifreeze should be with "Show Brine Blue (we designate)", and Galden® should be used with below kinetic viscosity 4 cSt.

Pumping capacity curve



Tap water at 25°C
 ①60 Hz ②50 Hz
 Antifreeze at 20°C
 ③60 Hz ④50 Hz
 Galden® at 20°C
 ⑤60 Hz ⑥50 Hz