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■ご用命は下記へ



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CT series

Self-priming filter pump CHEMIFINE



『Self-priming pump』 & 『Filter』 are unified ⇒ Compact! Work efficiency is improved. Cost saving!

〈 Model 〉

Compact

YD- 13B5CT1-GP-FD72-M

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
Discharge bore	Motor	Model	Motor type	Main material	Bearing material	O-ring material	Frequency	Limited S.G.	Specification
13: 13A	B5: 1PH/100V/55W		1: 1E1	GP: GFR PP	F: PTFE	D: FPM	7: 50/60Hz	M: with Handy switch	2: 1.2

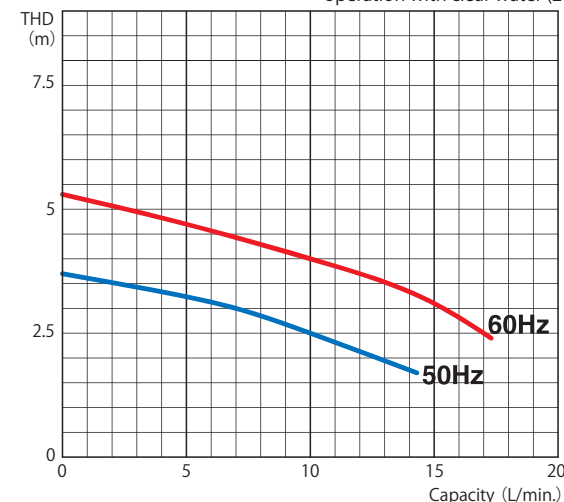
〈 Standard specification 〉

Model	13B5CT
Motor power	55W, 1PH, 100V, 50/60Hz in common ※ Power cable 2m (with Handy switch)
Bore (Suction × Discharge)	13A × 13A
Connection	Hose joint (Hose bore diameter: 19mm)
Liquid temperature	To 60°C
Limited specific gravity	To 1.2
Pressure (Max. for use: Clear water 25°C)	0.1Mpa
Standard performance (THD—Capacity)	50Hz: 3m—7L/min. 60Hz: 4m—10L/min.
Min. flow rate (Min. discharge) ※1	2L/min.
Lim. self-priming height (Clear water 25°C)	0.5m
Capacity of filtration (Clear water) ※2	50Hz: 240~900L/h 60Hz: 300~1,020L/h
Tank capacity as a guide ※3	Approx. 40~340L
Main material	Pump: GFR PP Hosing: PSF (Transparence)
Outline dimension (mm)	Length 304 Width 159 Height 337
Weight (kg)	3.9
Suite filter (Filter cartridge)	φ65 × 125mm (1 piece)
Accessory	Air release hose: 1 pc (Outer φ13 × Inner φ10, 40cm) 、 Tool for disassembly: 1 set

※1 Secure the min. flow rate during operation to cool the sliding parts for the pump.
 ※2 The capacity of filtration is depending on a filter to be used.
 ※3 It is the capacity as three times per hour in a tank.
 ※ Filter cartridge is not attached.

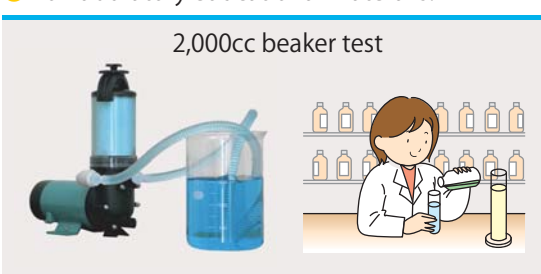
〈 Performance 〉

* The performance is from the end suction operation with clear water (20°C).



Use

- Cycle filtration in plating test tanks for small capacity.
- Cycle filtration of tabletop ultrasonic washing machine.
- For laboratory educational materials.

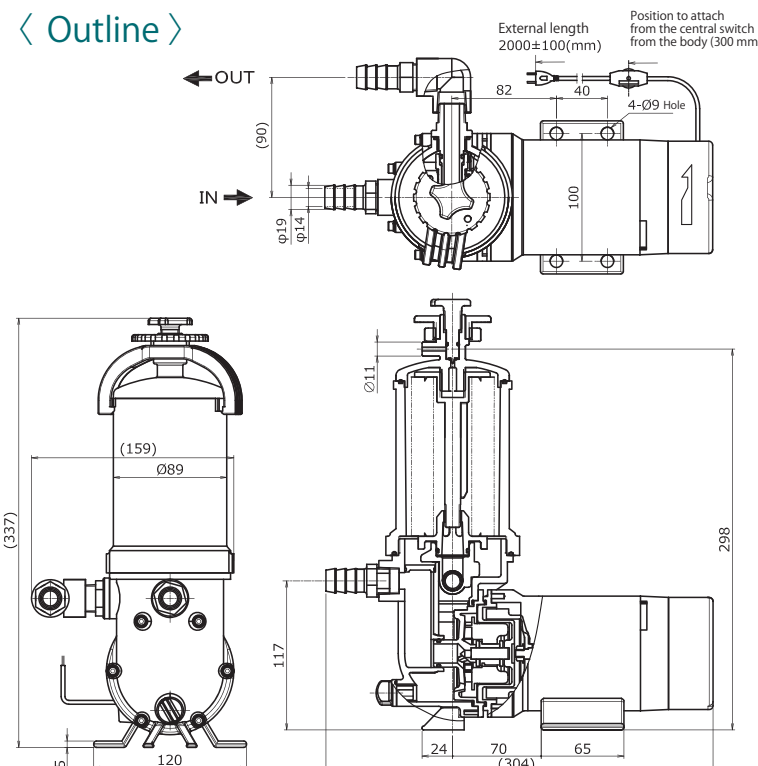


Feature

- Strong against entrapping air.
- Transparent housing to be easy to check.
- Easy to disassemble and wash the inside.
- Cartridge filter replacement that does not drip.



〈 Outline 〉



〈 Model 〉

YD- 20Y6CT1-CP-RD52-N

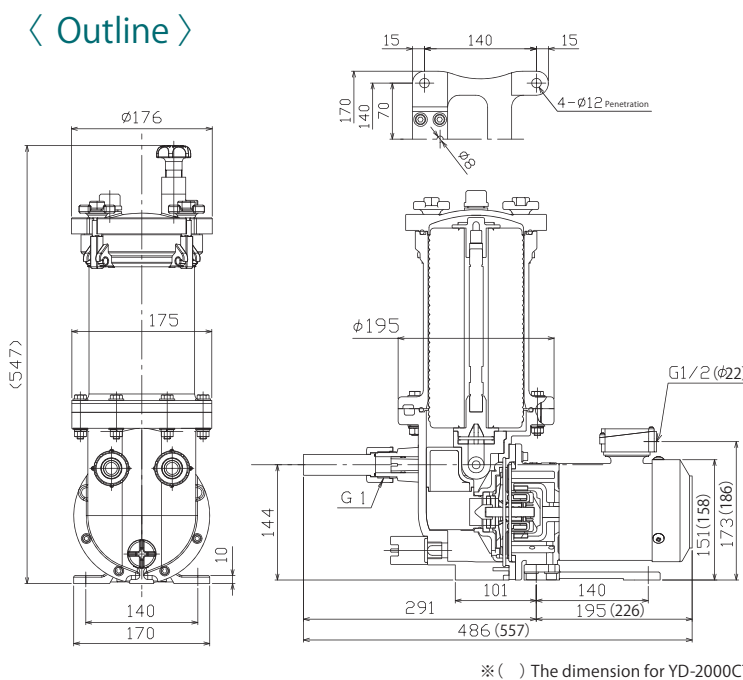
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
Discharge bore	Motor	Model	Motor type	Main material	Bearing material	O-ring material	Frequency	Limited S.G.	Our ID code
20: 20A	A6: 1PH/100V/0.26kW Y6: 3PH/200V/0.26kW OO: 3PH/200V/0.4kW		1: 1E1	CP: CFR PP	R: CFR PTFE	E: EPDM D: FPM	5: 50Hz 6: 60Hz	2: 1.2 6: 1.6 (Only 2000CT)	

〈 Standard specification 〉

Model	20Y6CT	2000CT	20A6CT
Motor power	0.26kW 3PH, 200V	0.4kW 3PH, 200V	0.26kW 1PH, 100V
Bore (Suction × Discharge)	20A × 20A		
Connection	Union (20A pipe)		
Liquid temperature	To 70°C		
Limited specific gravity	To 1.2 ※1	To 1.6	To 1.2 ※1
Pressure (Max. for use: Clear water 25°C)	0.25Mpa		
Standard performance (THD—Capacity)	50Hz: 6m—30L/min. 60Hz: 7m—30L/min.		
Min. flow rate (Min. discharge) ※1	5L/min.		
Lim. self-priming height (Clear water 25°C)	2.5m		
Filtration volume (Clear water) ※3	600~2,400L/h		
Tank capacity as a guide ※4	Approx. 100~800L		
Main material	CFR PP		
Outline dimension (mm)	Length 486 Width 176 Height 547 (When installing a pressure gauge=593)	Length 557 Width 176 Height 547	Length 486 Width 176 Height 547
Weight (kg)	11.6	13.1	11.6
Suite filter (Filter cartridge)	φ65 × 250mm (1 pc) or φ125 × 250mm (1 pc)		
Accessory	Air release hose 1pc (Outer φ13 x Inner φ10, 40cm) 、 Union socket 2 pcs, Union nut 2 pcs, O-ring for union socket 2 pcs		

※1 Ask us to use the pump for liquid that the S.G. is more than 1.2.
 ※2 Keep the minimum flow rate to cool the sliding parts during operation.
 ※3 The filtration volume is depending on filters to be used.
 ※4 The capacity is for three times operation per hour.
 ※ The pressure gauge is an option.
 ※ Filter cartridge is not an accessory.

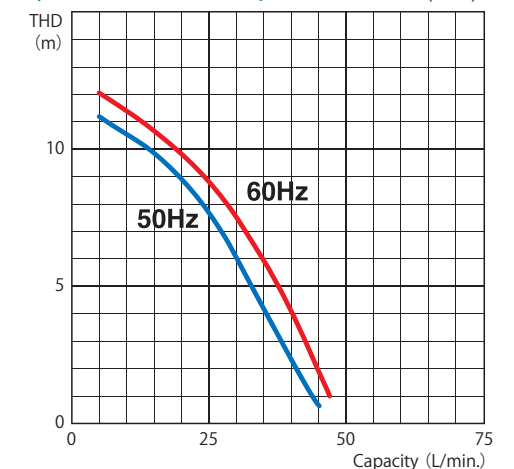
〈 Outline 〉



※ () The dimension for YD-2000CT

〈 Performance 〉

* The performance is from the end suction operation with clear water (20°C).

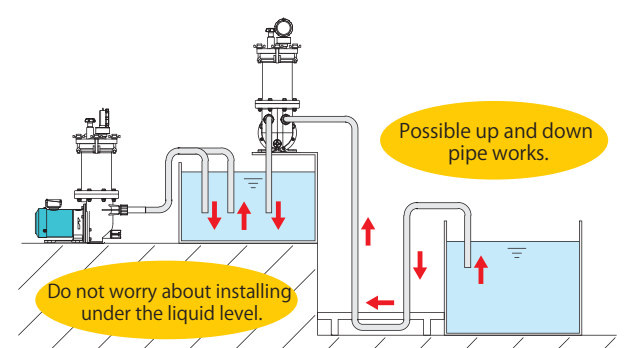


Use

- Cycle filtration in various plating tanks.
- Cycle filtration at experimental installations.
- Cycle filtration at small precess lines.

Free layout is possible.

- Possible to install at sites where height is different.
- Easy installation for no need holes in tanks.
- Space saving to integrate a pump and filter housing.



Top cover is adopted for the housing.

- The working efficiency to replace a cartridge improved.
- Safe work environment is secured because it is possible to replace filters without dripping.