

# AUTOMATIC POND BIO PRESSURE FILTER

## Features



- This series is suitable for filtering garden pool and koi pool. It can improve the water quality and make sure the water to be clear.
- Integral filter system, significant filter effect; modular structure design, reliable quality and simple maintenance.
- Unique gear drive cleaning structure and timed UV-C lamp.



CPI-20000T



CPI-30000T



CPI-50000T



CPI-75000T

Model	CPI-20000T	CPI-30000T	CPI-50000T	CPI-75000T
Voltage	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Total power/Power of UV-C	80W(36W)	100W(55W)	100W(55W)	100W(55W)
The type of pump	CTF-12000	CTF-14000	CTF-18000	CTF-20000
Max flow-through of pump	12000L/h	14000L/h	18000L/h	20000L/h
H-max of pump	6.5m	7.0m	5.2m	6.0m
Spiral pipe	φ38mm	φ38mm	φ50mm	φ50mm
Stainer surface	60m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>
Suitable for ponds with fish	20m <sup>3</sup>	30m <sup>3</sup>	40m <sup>3</sup>	50m <sup>3</sup>
Suitable for decorative ponds	40m <sup>3</sup>	60m <sup>3</sup>	80m <sup>3</sup>	100m <sup>3</sup>
Actual volume in litres	50L	75L	170L	300L
Dimensions in mm	φ458×594	φ458×759	φ600×900	φ750×965



CPU-5000T

CPU-10000T

CPU-15000T

CPU-20000T

CPU-30000T

CPU-50000T

CPU-75000T

Model	CPU-5000T	CPU-10000T	CPU-15000T	CPU-20000T	CPU-30000T	CPU-50000T	CPU-75000T
Voltage	220-240V/50Hz						
Total power/Power of UV-C	60W(11W)	65W(18W)	70W(24W)	80W(36W)	100W(55W)	100W(55W)	100W(55W)
The type of pump	CTF-4800	CTF-8000	CTF-10000	CTF-12000	CTF-14000	CTF-18000	CTF-20000
Max flow-through of pump	4500L/h	8000L/h	10000L/h	12000L/h	14000L/h	18000L/h	20000L/h
H-max of pump	4.0m	5.6m	6.0m	6.5m	7.0m	5.2m	6.0m
Spiral pipe	φ32mm	φ32mm	φ38mm	φ38mm	φ38mm	φ50mm	φ50mm
Stainer surface	12m <sup>2</sup>	20m <sup>2</sup>	40m <sup>2</sup>	60m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>
Suitable for ponds with fish	4m <sup>3</sup>	6m <sup>3</sup>	15m <sup>3</sup>	20m <sup>3</sup>	30m <sup>3</sup>	40m <sup>3</sup>	50m <sup>3</sup>
Suitable for decorative ponds	8m <sup>3</sup>	12m <sup>3</sup>	30m <sup>3</sup>	40m <sup>3</sup>	60m <sup>3</sup>	80m <sup>3</sup>	100m <sup>3</sup>
Actual volume in litres	20L	25L	38L	50L	75L	170L	300L
Dimensions in mm	φ382×441	φ382×551	φ382×761	φ450×560	φ450×725	φ600×825	φ750×890

## AUTOMATIC POND BIO PRESSURE FILTER



Model	CPU-5000	CPU-10000	CPU-15000	CPU-20000	CPU-30000	CPU-50000	CPU-75000
Voltage	220-240V/50Hz						
Total power/Power of UV-C	60W(11W)	65W(18W)	70W(24W)	80W(36W)	100W(55W)	100W(55W)	100W(55W)
Max flow-through of pump	8000L/h	10000L/h	10000L/h	12000L/h	14000L/h	18000L/h	20000L/h
Outlet/Inlet hose adapter	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm	32/38/50mm	32/38/50mm	32/38/50mm	32/38/50mm
Stainer surface	12m <sup>2</sup>	20m <sup>2</sup>	40m <sup>2</sup>	60m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>
Suitable for ponds with fish	4m <sup>3</sup>	6m <sup>3</sup>	15m <sup>3</sup>	20m <sup>3</sup>	30m <sup>3</sup>	40m <sup>3</sup>	50m <sup>3</sup>
Suitable for decorative ponds	8m <sup>3</sup>	12m <sup>3</sup>	30m <sup>3</sup>	40m <sup>3</sup>	60m <sup>3</sup>	80m <sup>3</sup>	100m <sup>3</sup>
Actual volume in litres	20L	25L	38L	50L	75L	170L	300L
Dimensions in mm	φ382×443	φ382×543	φ382×738	φ458×559	φ458×726	φ600×856	φ750×916



Model	CPA-2500	CPA-3500	CPA-5000	CPA-10000	CPA-15000	CPA-20000	CPA-30000	CPA-50000	CPA-75000
Voltage	220-240V/50Hz								
Total power/Power of UV-C	35W(11W)	35W(11W)	60W(11W)	60W(11W)	65W(18W)	80W(36W)	100W(55W)	100W(55W)	100W(55W)
Max flow-through of pump	6000L/h	7000L/h	8000L/h	10000L/h	10000L/h	12000L/h	12000L/h	13000L/h	13000L/h
Outlet/Inlet hose adapter	20/25/32mm	20/25/32mm	20/25/32mm	20/25/32mm	20/25/32mm	32/38/50mm	32/38/50mm	32/38/50mm	32/38/50mm
Stainer surface	8m <sup>2</sup>	8m <sup>2</sup>	12m <sup>2</sup>	20m <sup>2</sup>	40m <sup>2</sup>	60m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>
Suitable for ponds with fish	3m <sup>3</sup>	4m <sup>3</sup>	4m <sup>3</sup>	6m <sup>3</sup>	15m <sup>3</sup>	20m <sup>3</sup>	30m <sup>3</sup>	40m <sup>3</sup>	50m <sup>3</sup>
Suitable for decorative ponds	6m <sup>3</sup>	8m <sup>3</sup>	8m <sup>3</sup>	12m <sup>3</sup>	30m <sup>3</sup>	40m <sup>3</sup>	60m <sup>3</sup>	80m <sup>3</sup>	100m <sup>3</sup>
Actual volume in litres	16L	20L	20L	25L	38L	50L	75L	170L	300L
Dimensions in mm	φ312×405	φ312×495	φ382×410	φ382×520	φ382×730	φ450×550	φ450×715	φ600×815	φ750×880



Model	CPF-1500	CPF-2500	CPF-3500	CPF-5000	CPF-10000	CPF-15000	CPF-20000	CPF-30000	CPF-50000	CPF-75000
Voltage	220-240V/50Hz									
Total power/Power of UV-C	12W(9W)	15W(11W)	15W(11W)	15W(11W)	15W(11W)	20W(18W)	36W(36W)	55W(55W)	55W(55W)	55W(55W)
Max flow-through of pump	4000L/h	6000L/h	7000L/h	8000L/h	10000L/h	10000L/h	12000L/h	12000L/h	13000L/h	13000L/h
Outlet/Inlet hose adapter	20/25mm	20/25/32mm	20/25/32mm	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm	32/38/50mm	32/38/50mm	32/38/50mm	32/38/50mm
Stainer surface	4m <sup>2</sup>	8m <sup>2</sup>	8m <sup>2</sup>	12m <sup>2</sup>	20m <sup>2</sup>	40m <sup>2</sup>	60m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>	80m <sup>2</sup>
Suitable for ponds with fish	2m <sup>3</sup>	3m <sup>3</sup>	4m <sup>3</sup>	4m <sup>3</sup>	6m <sup>3</sup>	15m <sup>3</sup>	20m <sup>3</sup>	30m <sup>3</sup>	40m <sup>3</sup>	50m <sup>3</sup>
Suitable for decorative ponds	4m <sup>3</sup>	6m <sup>3</sup>	8m <sup>3</sup>	8m <sup>3</sup>	12m <sup>3</sup>	30m <sup>3</sup>	40m <sup>3</sup>	60m <sup>3</sup>	80m <sup>3</sup>	100m <sup>3</sup>
Actual volume in litres	8L	16L	20L	20L	25L	38L	50L	75L	170L	300L
Dimensions in mm	φ250×407	φ312×471	φ312×563	φ382×474	φ382×574	φ382×769	φ450×550	φ450×715	φ600×815	φ750×880



Model	CPF-180	CPF-250	CPF-280	CPF-380	CPF-500	CPF-2500S	CPF-2500B	
Voltage	220-240V/50Hz						/	/
Total power/Power of UV-C	15W(11W)	15W(11W)	15W(11W)	15W(11W)	22W(18W)	/	/	
Max flow-through of pump	9000L/h	10000L/h	9000L/h	10000L/h	10000L/h	6000L/h	6000L/h	
Outlet/Inlet hose adapter	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm	20/25mm	20/25mm	
Stainer surface	8m <sup>2</sup>	12m <sup>2</sup>	12m <sup>2</sup>	20m <sup>2</sup>	40m <sup>2</sup>	8m <sup>2</sup>	8m <sup>2</sup>	
Suitable for ponds with fish	3m <sup>3</sup>	5m <sup>3</sup>	4m <sup>3</sup>	6m <sup>3</sup>	15m <sup>3</sup>	3m <sup>3</sup>	2.5m <sup>3</sup>	
Suitable for decorative ponds	6m <sup>3</sup>	10m <sup>3</sup>	8m <sup>3</sup>	12m <sup>3</sup>	30m <sup>3</sup>	6m <sup>3</sup>	5m <sup>3</sup>	
Actual volume in litres	20L	25L	20L	25L	38L	16L	16L	
Dimensions in mm	φ382×400	φ382×510	φ382×420	φ382×530	φ382×740	φ312×435	φ312×435	

Model	CBF-200T	CBF-200
Voltage	220-240V/50Hz	/
Power of UV-C	CUV-209A(9W)	/
The type of pump	CFP-2500	/
Max flow-through	6000L/h	6000L/h
Inlet hose adapter	20mm	20/25/32/38mm
Outlet hose adapter	50mm	50mm
Suitable for ponds with fish	4m <sup>3</sup>	4m <sup>3</sup>
Suitable for decorative ponds	8m <sup>3</sup>	8m <sup>3</sup>
Spiral pipe	φ20mmx3m	/
Dimensions in mm	400×275×400	400×275×400

CBF-200T  
MATCH WITH SPIRAL PIPE(3m)  
MATCH WITH PUMP CFP-2500



Model	CFP-2500
Voltage	220-240V/50Hz
Power of UV-C	/
The type of pump	/
Voltage of pump	110V/220V/240V 50Hz/60Hz
Power of pump	45W
H-max of pump	2.7m
Output of pump	2500L/h
Hose adapter of pump	20mm
Cable length of pump	10m



CPF-1500T



CPF-2500T



CPF-5000T



CPF-10000T



CPF-15000T

Model	CPF-1500T	CPF-2500T	CPF-5000T	CPF-10000T	CPF-15000T
Voltage	220-240V/50Hz				
Total power/Power of UV-C	12W(9W)	15W(11W)	15W(11W)	15W(11W)	20W(18W)
The type of pump	CFP-2000	CFP-2500	CTF-4800W	CTF-5800W	CTF-6000W
Max flow-through of pump	2000L/h	2500L/h	4500L/h	5200L/h	6000L/h
H-max of pump	2.0m	2.7m	4.0m	4.8m	4.2m
Spiral pipe	φ20mm×3m	φ20mm×3m	φ25mm×5m	φ25mm×5m	φ32mm×10m
Stainer surface	4m <sup>2</sup>	8m <sup>2</sup>	12m <sup>2</sup>	20m <sup>2</sup>	40m <sup>2</sup>
Suitable for ponds with fish	2m <sup>3</sup>	3m <sup>3</sup>	4m <sup>3</sup>	6m <sup>3</sup>	15m <sup>3</sup>
Suitable for decorative ponds	4m <sup>3</sup>	6m <sup>3</sup>	8m <sup>3</sup>	12m <sup>3</sup>	30m <sup>3</sup>
Actual volume in litres	8L	16L	20L	25L	38L
Dimensions in mm	φ250×407	φ312×471	φ382×474	φ382×574	φ382×769



CPF-2500T-24V



CPA-5000T-24V



CPA-10000T-24V



CPA-15000T-24V

Model	CPF-2500T-24V	CPA-5000T-24V	CPA-10000T-24V	CPA-15000T-24V
Input voltage	AC 100-240V 50/60Hz			
Output of adapter	DC24V 2.71A	DC24V 5A	DC24V 5A	DC24V 5A
Power of UV-C	11W	11W	11W	18W
The type of pump	CDF-3800	CDF-6000	CDF-6000	CDF-8000
Spiral pipe	φ20mm×3m	φ25mm×5m	φ25mm×5m	φ32mm×10m
Stainer surface	8m <sup>2</sup>	12m <sup>2</sup>	20m <sup>2</sup>	40m <sup>2</sup>
Suitable for ponds with fish	3m <sup>3</sup>	4m <sup>3</sup>	6m <sup>3</sup>	15m <sup>3</sup>
Suitable for decorative ponds	6m <sup>3</sup>	8m <sup>3</sup>	12m <sup>3</sup>	30m <sup>3</sup>
Actual volume in litres	16L	20L	25L	38L
Dimensions in mm	φ312×471	φ382×410	φ382×520	φ382×730



CDF-3800



CDF-5800



CDF-6000



CDF-8000

Model	Input voltage	Output voltage	Power	H-max	Output	Hose adapter	Cable length	Weight	Dimensions LxWxH
CDF-3800	AC 100-240V 50/60Hz	DC 24V	20W	2.8m	3600L/h	20/25/32/38mm	10m	2.9kg	240×182×142mm
CDF-5800	AC 100-240V 50/60Hz	DC 24V	40W	4.6m	5000L/h	20/25/32/38mm	10m	2.9kg	240×182×142mm
CDF-6000	AC 100-240V 50/60Hz	DC 24V	40W	3.8m	6000L/h	20/25/32/38mm	10m	3.6kg	240×182×142mm
CDF-8000	AC 100-240V 50/60Hz	DC 24V	65W	5.8m	8000L/h	20/25/32/38mm	10m	3.6kg	240×182×142mm



CHF-2500A



CHF-2500B



CHF-2500L



The type of pump:STP-3800(20W)

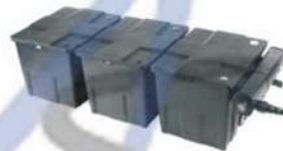
Model	CHF-2500A	CHF-2500B	CHF-2500L
Voltage	220-240V/50Hz	/	220-240V/50Hz
Total power/Power of UV-C	15W(11W)	/	15W(11W)
Max flow-through	3500L/h	3500L/h	3500L/h
Outlet/Inlet hose adapter	25mm	25mm	25mm
Stainer surface	8m <sup>2</sup>	8m <sup>2</sup>	8m <sup>2</sup>
Suitable for aquarium with fish	300L	300L	300L
Suitable for aquarium with plant	500L	500L	500L
Actual volume in litres	16L	16L	16L
The type of pump	/	/	STP-3800
The type of filter	/	/	CHF-2500A+CHF-2500B
Dimensions in mm	φ312×490	φ312×490	φ312×490



CBF-350



CBF-350B



CBF-350C



CBF-550 (Cleaning tools)

Model	CBF-350	CBF-350B	CBF-350C	CBF-550
Max flow-through	8000L/h	12000L/h	12000L/h	12000L/h
Inlet hose adapter	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm
Outlet hose adapter	70/50/38mm	70/50/38mm	70/50/38mm	70/50/38mm
Suitable for ponds with fish	6m <sup>3</sup>	12m <sup>3</sup>	24m <sup>3</sup>	12m <sup>3</sup>
Suitable for decorative ponds	12m <sup>3</sup>	24m <sup>3</sup>	48m <sup>3</sup>	24m <sup>3</sup>
Connection to UV	CUV-2/3/6 series	CUV-2/3/6 series	CUV-2/3/6 series	CUV-2/3/6 series
Dimensions in mm	540×402×400	860×540×400	1280×540×400	690×518×400



CNF-200



CNF-202  
(UV lamp needs separately purchase)



CNF-400



CNF-800

Model	CNF-200	CNF-202	CNF-400	CNF-800
Voltage	220-240V/50Hz	/	220-240V/50Hz	220-240V/50Hz
Power of UV-C	18W	CUV-836(36W)	18W	2x24W
Max flow-through	4000L/h	4000L/h	6000L/h	10000L/h
Inlet hose adapter	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm
Outlet hose adapter	38/50/70mm	38/50/70mm	38/50/70mm	38/50/70mm
Suitable for ponds with fish	6m <sup>3</sup>	6m <sup>3</sup>	10m <sup>3</sup>	20m <sup>3</sup>
Suitable for decorative ponds	12m <sup>3</sup>	12m <sup>3</sup>	20m <sup>3</sup>	40m <sup>3</sup>
Actual volume in litres	45L	45L	60L	120L
Dimensions in mm	525×25×402	525×425×400	730×410×400	865×495×472

Model	CPT-20000	CPT-25000
Voltage	220-240V/50Hz	220-240V/50Hz
Power	370W	140W
Cleaning water volume	4x2.5 L/min	2L/Time
Cleaning pump pressure	5bar	/
Cable length	10m	13m
Inlet/Outlet/Drain outlet	38mm, 110mm, 50mm	50mm/110mm/50mm
Aera of filter	0.5m <sup>2</sup>	0.5m <sup>2</sup>
UV lamp	CUV-2110	CUV-624(×2)
Power of UV lamp	110W	24W(×2)
Pump	CTF-8000B	CTF-16000B
Power of pump	80W	140W
Output/H-max of pump	10000L/h, 6.0m	16000L/h, 7.5m
Air pump	CAP-50	/
Power/Output of air pump	16W, 30L/min	/
Suitable for ponds with fish	40m <sup>3</sup>	20m <sup>3</sup>
Suitable for decorative ponds	80m <sup>3</sup>	40m <sup>3</sup>
Dimensions in mm	680×550×1135mm	1350×620×700mm



CPT-20000



CPT-25000

Model	CPS-101	CPS-102
Voltage	220-240V/50Hz	
Power	1700W	
Cable length	7.5m	
Temperature	+4°C~+35°C	
Dimension(LxWxH)	448×400×688mm	
Max output of pump	10000L/h	
H-max of pump	7m	
Max output of suction head	8000L/h	
H-max of suction head	2m	
Outlet connector	C-storz 2"	
Expansion rod length	5m	2.5m
Suction hose length	10m	5m
Discharge hose length	10m	5m



CPS-101/102

Model	CPS-301
Voltage	220-240V/50Hz
Power	170W
Max-Output	7000L/h
H-max	4.0m
Capable of suctioning particles with a maximum diameter	φ20mm
Maximum length of expansion rod	2.5m
Discharge hose length	5m
Cable length	10/1m
Water depth	≥30cm



CPS-301

## IN-GROUND SKIMMER



Model	Voltage	Filter basket volume	Filter basket volume	Compatible flow rate	Maximum water level fluctuation height	Maximum pond area	Hose adapter	Cable length	Dimensions(LxWxH)
CSP-8000	220-240V/50Hz	12L	45W	6000-16000L/h	100mm	40m <sup>2</sup>	25/32/38mm	10m	541×366×435mm

## FLOATING HIGH PERFORMANCE SKIMMER



Model	Voltage	Power	Output	Hose adapter	Filter volume	Difference in depth of water	Skimmer opening width	Weight	Dimensions(LxWxH)
CSP-16000	220-240V/50Hz	150W	18000L/h	38/50mm	22L	>42cm	400mm	18kg	541×366×435mm

## CBD SERIES BOTTOM OUTLET

### Features

- It is used above the inlet of bottom of the fish pond to effectively prevent the fish from entering the filter, improve the flow direction.
- Suitable for garden, courtyard pool, fishing ground, etc.



CSD-380S



CSD-380

## SUBMERSIBLE LAMP



CLD-302



CED-105  
CED-106



CED-105&CFA-13/14  
CED-106&CFA-11



CED-110 Base  
CED-120 Base



CED-110/120 can connect to CFA-11



CSD-120 Base

CED-110 fastening nail CED-120 fastening nail

CSD-120 fastening nail

Model	CLD-302	CED-105	CED-106	CED-110/B/C	CED-120/B/C	CSD-120/C
Voltage	12V DC	12V DC	12V DC	12V DC	12V DC	12VDC
Power	3×1.2W	1×2W	1×3W	1×1W/2×1W/3×1W	1×3W/2×3W/3×3W	1×3W/3×3W
Angle of beam	30°	120°	120°	120°	30°	60°
Cable length	3m/2×1.5m	5m	5m	5m	5m	5m
Power of transformer	6VA	3.6W	3.6W	3.6W	3.6VA/10VA/10VA	3.6VA/10VA
Ground stake	3PCS	/	/	1/2/3PCS	1PCS	1/3PCS
Mounting bracket	/	/	/	/	/	/
Bracket with rubber feet	3PCS	/	/	1/2/3PCS	1/2/3PCS	1/3PCS
Colorful covers	8PCS	/	/	/	4/8/12PCS	/
Light source	White	White / Colorful	White / Colorful	White / Colorful	White	White
Dimensions	φ76×98mm	φ71×17mm	φ81×17mm	φ56×47mm	φ72×79mm	φ85×92mm

## SKIMMER



Suitable for  
civil engineering



CSP-40S



CSP-40

Model	Output	Hose adapter	Suitable for pond
CSP-40/S	8000~16000L/h	25/32/38mm	40m <sup>2</sup>

## FLOATING FOUNTAIN&SKIMMER



CSP-250



CED-105/CLD-302  
(separately purchase)

Model	Voltage	Power	H-max	Output	Difference in depth of water	Filter basket volume	Fountain head	Cable length
CSP-250	220-240V/50Hz	45W	2.7m	2500L/h	>35cm	1.2L	CFA-14	10m