

Choosing a model

CCP-200 ① - ② - ③ ④

① Power supply
T: 200V(φ3/200W)
S: 100V(φ1/200W)
X: 220V(φ1/200W/50Hz)

② Frequency
5: 50Hz
6: 60Hz

③ Mechanical seal material
C: Ceramic x carbon (standard specifications)
S: SiC x SiC (special specifications)

④ Custom-order

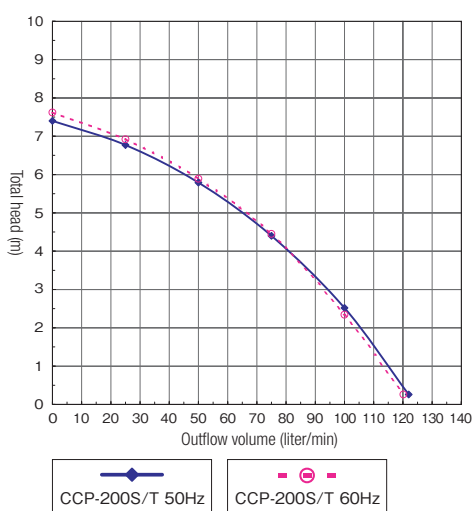
Standard specifications table

Pumped chemical	Liquid characteristics	Chemical liquid	
	Liquid temperature	0~40°C	
Pump section	Construction	Vane wheel	Semi-vortex
		Shaft seal	Single mechanical seal
		Bearing	Sealed ball bearing
	Material of liquid-contacting components	Vane wheel	CFRPP
		Casing	CFRPP
		Motor case	CFRPP
		Mechanical seal	Ceramic on carbon
		Main bearing	GFRPPS
Screws and nuts	GFRPPS		
Packings	FKM (fluoro-rubber)		
Motor section	Rated output	200W	
	Phase, voltage	Single-phase 100V / Triple-phase 200V / Single-phase 220V	
	Rated current	3.2A / 1.0A / 1.5A	
	Poles	Double-pole	
	Insulation	Type E	
	Protective device	With built-in thermal protector	
Connection	Connects to 32mm hose or pipe.		

Standard specifications common to 50Hz and 60Hz

Outflow port diameter (mm)	Model	Output (W)	Voltage (V) Phase	Maximum outflow volume (liter/min)	Maximum head (mH)	Startup method	Mass (Kg)	Cable type		Specific gravity
								Material	Length	
32	CCP-200S	200	Single-phase 100	120	7.4	Capacitor induction	4.8	VCT	4m	1.2
32	CCP-200T	200	Triple-phase 200	120	7.4	Triple-phase induction	4.8	VCT	4m	1.2
32	CCP-200X	200	Single-phase 220	120	7.4	Capacitor induction	4.8	VCT	4m	1.2

Performance curve



※Note: The performance curve shown above is from pumping clear water at room temperature.

Construction drawing

Number	Component name	Quantity	Material
1	Casing	1	CFRPP
2	Casing packing	1	FKM
3	Casing attachment screw	4	GFRPPS
4	Vane wheel	1	CFRPP
5	Vane wheel nut	1	GFRPPS
6	Mechanical seal	1	Ceramic on carbon
7	Lubrication port plug	1	GFRPPS
8	Lubrication port plug packing	1	FKM
9	V-ring	1	FKM
10	Motor	1	—
11	Shaft insert	1	GFRPPS
12	Cable type	1	PVC
13	Cable type nut	1	PP
14	Load side bracket	1	ADC12
15	Motor case packing	1	FKM
16	Oil chamber cover attachment screw packing	4	FKM
17	Oil chamber cover attachment screw	4	GFRPPS
18	Motor case	1	CFRPP
19	Strainer mesh	1	PP
20	Oil chamber cover	1	GFRPPS
21	Oil chamber cover packing	1	FKM
22	Motor case attachment screw	4	GFRPPS
23	Cable type ground packing	1	FKM
24	Cable type ground but packing	1	FKM
25	Cable type attachment screw	2	SUS304

●Specifications and external appearances may be modified without notice.
 ●Colors shown on this brochure may be different from that of actual products due to variations in printing conditions.

CEM corporation Co.,Ltd

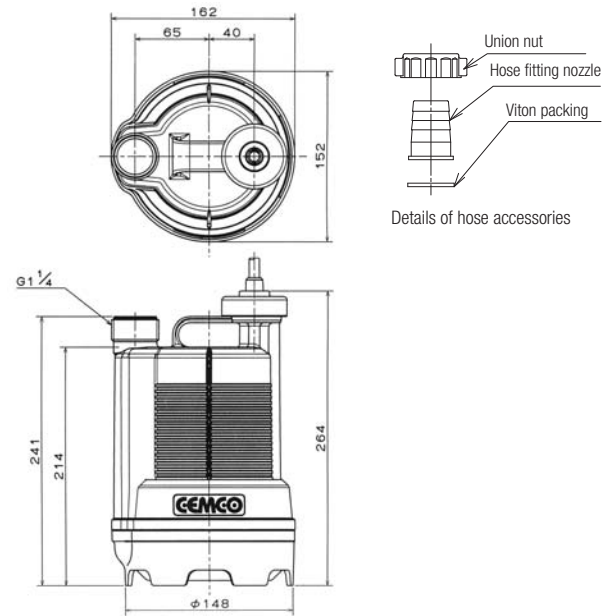
Head office: 1-10-25 Honkomagome, Bunkyo-ku, Tokyo 1138638
 Phone:81-3-3946-3335 Fax:81-3-3946-0675
 Overseas sales dept.: 1-10-25 Honkomagome, Bunkyo-ku, Tokyo 1138638
 Phone:81-3-3946-3201 Fax:81-3-3946-3210
 TAIWAN CEMCORPORATION: 3F, No.56, Sec.2, Jhongcheng Rd., Shilin District, Taipei 111, Taiwan
 Phone:886-2-2836-8603 Fax:886-2-2832-1148
 SHANGHAI CEMCORPORATION: 206 Floor A, 288 Yu Yao Lu Jingan Qu, Shanghai Shi
 Phone:86-21-6231-7631 Fax:86-21-6230-9736

Inquiries

<http://www.cemco.jp>

AT150210E

External dimensions drawing



Standard accessories

- Hose fitting nozzle, union nut (made of PP), packing (FKM)
- Suspending rope (made of PE, 5m long)
- Hose band (made of SUS316) ●Above-ground faceplate sticker
- ※Titanium wire band available as an option.

Special specifications

- SiC mechanical seal

Chemical Submersible Pump Cempum CCP-200

Delivers excellent chemical pumping performance.

- Excellent durability and economy
- Lightweight and compact body
- Excellent corrosion resistance properties
- High-power performance



CEMCO

Amazing Performance in a Compact Body!

From device build-in to plant facility applications



Powerful performance in a lightweight and compact body

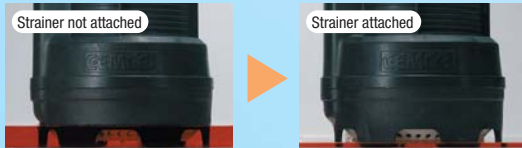
- Comes with built-in thermal protector to prevent motor burn out.
- Compact and lightweight body weighs only 4.8kg for easy portability.
- Designed for powerful 6m³/h performance (at 2m head).

Components that come into contact with chemicals are made of highly corrosion resistant, rust proof resins.

- CFRPP resin provides enhanced corrosion resistance.
- New and improved mechanical seal ensures longer service life.
- Resin screws provide enhanced corrosion resistance.



Low-level strainer enables a minimum pumping level of 4mm.



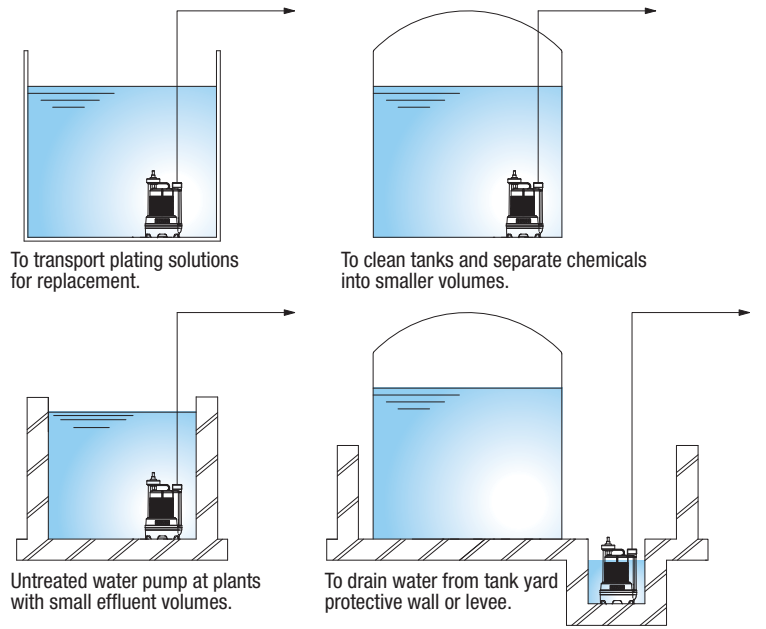
※ Do not run pump at low water levels for longer than 10 minutes.

Simple design enables easy maintenance and cleaning.

- One-touch removable bottom strainer enables easy cleaning.
- Single-piece body requires no maintenance.



Examples of Cempon applications



Accessories

