CSE CO., LTD.
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Gyeonggi-do, South Korea (429-854)
TEL : +82-31-488-8171 FAX : +82-31-499-2486

Pump Collection

- Diaphragm Booster Pumps
- Gear Pumps
- Magnetic Drive Pumps
- Mechanical Seal Water Pumps
- Self-Priming Pumps
- Air Pumps & Vacuum Pumps
- Air Compressors

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Pump Collection

QUALITY, EXPERIENCE, INNOVATION !!





Breakthrough Technology & World Class Quality

Equip Your Products with Competency and Reliability, Guaranteed by History of Engineering Excellence.

CSE has over twenty five years of experience in designing and manufacturing a wide variety of water and air pumps used in an ever expanding variety of markets and applications throughout the world.

Ranging from diaphragm booster pumps to gear pumps, CSE thrives to satisfy rapidly changing environments and requirements of today's market. CSE pumps are designed for longevity to guarantee longer life expectancy for your prospective and respective applications.

Whatever your need is, CSE pumps will provide you with a durable high quality solution.

HISTORY

1988 04.
Company establishment

1988 10.
Began boiler pumps business

1993 08.
Moved headquarters to Shiwha Industrial Complex

1995 01.
Received commendation for research and high performance technology from the Ministry of Trade

1995 03.
Began coffee grinder and vending machine pump businesses for domestic & overseas markets

1996 07.
Began water purifier pump & hydroponics pump businesses for domestic & overseas markets

1996 07.
Acquired ISO-9001

1997 03.
Selected as a promising small and medium company by Gyeonggi Province

1999 03.
Awarded by minister of Tax Administration Agency

2000 12.
Acquired CE mark for diaphragm booster pumps

2002 02.
Split company to CSE Co., Ltd. and Chungsuk Co., Ltd.

2002 10.
Acquired ISO-9001 : 2000

2002 10.
Established R & D Center for CSE Co., Ltd.

2003 03.
Began Vacuum Food Storage System business for domestic & overseas markets

2003 06.
Moved company headquarters to Ansan-City, Gyeonggi Province

2004 02.
Acquired UL & NSF approval for coffee machine circulation pumps

2004 05.
Awarded Order of Industrial Merit by Government

2004 09.
Acquired ISO-14001

2005 11.
Exclusive Agency Agreement with Delonghi (Italy)

2005 12.
Established "Freshield" brand for Vacuum Food Storage System

2006 04.
Selected as a Venture Company

2006 04.
Awarded INNO-BIZ

2008 10.
Moved company headquarters to Siheung-City, Gyeonggi Province

2008 10.
Selected as a Frontier Company by Gyeonggi Province

2009 09.
Began Boiler Mattress System business

2010 11.
Moved to new headquarters building in Siheung City

2012 03.
Began air pump business for fuel cell application with Fujikura composite

2012 07.
Set up the RO pump production line in China.

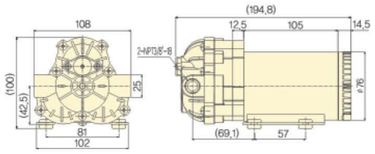
2014 03.
Found CSE India Pvt Ltd. for the pump production in Delhi, India.

Diaphragm Booster Pumps



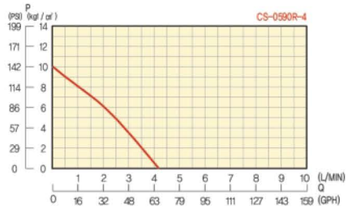
CS-0590R-4

DIMENSIONS ▾



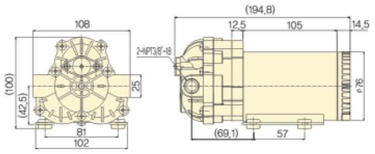
PERFORMANCE CURVE ▾

ROOM TEMP : 24℃, WATER TEMP : 24℃
POWER SUPPLY : DC 24V



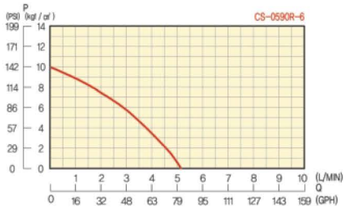
CS-0590R-6

DIMENSIONS ▾



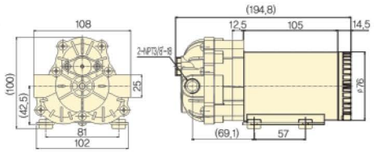
PERFORMANCE CURVE ▾

ROOM TEMP : 24℃, WATER TEMP : 24℃
POWER SUPPLY : DC 36V



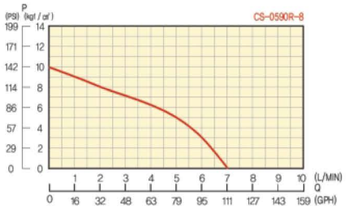
CS-0590R-8

DIMENSIONS ▾



PERFORMANCE CURVE ▾

ROOM TEMP : 24℃, WATER TEMP : 24℃
POWER SUPPLY : DC 36V



NOTE : The performance illustrated is based on pumping water at ambient temperature. / Specifications and dimensions are subject to change upon your requests.

SPECIFICATIONS

ITEM \ MODEL	CS-0590R-4	CS-0590R-6	CS-0590R-8
Power Supply	DC24V	DC36V	DC36V
Input	60 W	126 W	144 W
Maximum Current	2.5 A	3.5 A	4.0 A
Maximum Pressure	145 psi (10 kgf/㎠)	145 psi (10 kgf/㎠)	145 psi (10 kgf/㎠)
Maximum Capacity	4.2 ℓ /min (67 GPH)	5.2 ℓ /min (82 GPH)	6.5 ℓ /min (103 GPH)
Water Temperature	0℃ ~ 40℃	0℃ ~ 40℃	0℃ ~ 40℃
Hose Connected [mm] Inlet / Outlet	NPT 3/8"	NPT 3/8"	NPT 3/8"
Self Prime	2M	2M	2M
Dimension[mm]	108X195X100	108X195X100	108X195X100

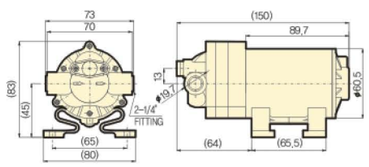
Diaphragm Booster Pumps





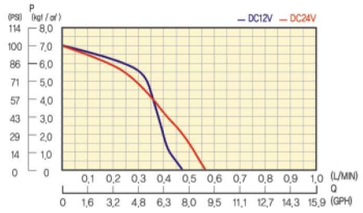
CS-0560A/B

DIMENSIONS



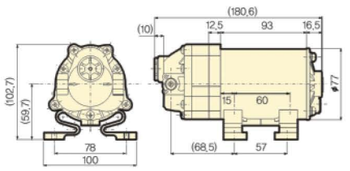
PERFORMANCE CURVE

ROOM TEMP : 24℃, WATER TEMP : 24℃,
POWER SUPPLY : DC 12V(0560B), DC 24V(0560A)



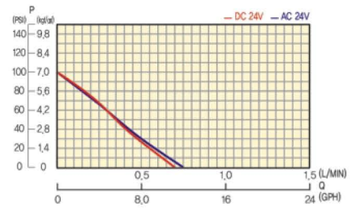
CS-0580L/M

DIMENSIONS



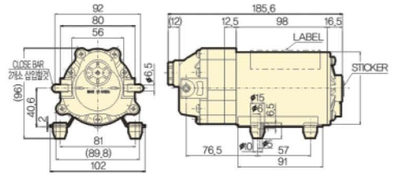
PERFORMANCE CURVE

ROOM TEMP : 24℃, WATER TEMP : 24℃,
POWER SUPPLY : AC 24V/DC 24V



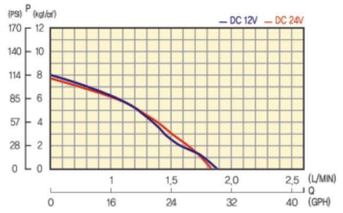
CS-0580Q

DIMENSIONS



PERFORMANCE CURVE

ROOM TEMP : 24℃, WATER TEMP : 24℃,
POWER SUPPLY : DC 12V/DC 24V



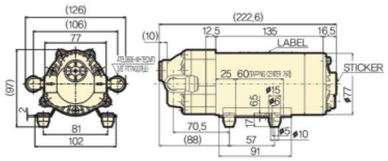
NOTE : The performance illustrated is based on pumping water at ambient temperature. / Specifications and dimensions are subject to change upon your requests.

SPECIFICATIONS

ITEM \ MODEL	CS-0560B	CS-0560A	CS-0580L	CS-0580M	CS-0580Q-HL	CS-0580Q-ET
Power Supply	DC12V	DC24V	AC24V	DC24V	DC12V	DC24V
Input	18W	14W	18W	16W	42W	32W
Maximum Current	1.5A	0.6A	0.75A	0.65A	3.5A	1.35A
Maximum Pressure	100 psi (7.0kgf/㎠)	100psi (7.0kgf/㎠)	100 psi (7.0kgf/㎠)	100 psi (7.0kgf/㎠)	110 psi (7.7kgf/㎠)	110 psi (7.7kgf/㎠)
Maximum Capacity	500㎖/min (8GPH)	500㎖/min (8GPH)	700㎖/min (11GPH)	700㎖/min (11GPH)	1.8ℓ/min (29GPH)	1.8ℓ/min (29GPH)
Water Temperature	0℃~40℃	0℃~40℃	0℃~40℃	0℃~40℃	0℃~40℃	0℃~40℃
Hose Connected Inlet / Outlet	1/4" Push to Connect or Compression					
Dimension[mm]	150*80*83		181*100*102		185.6*102*96	

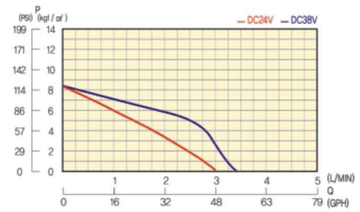
CS-0590A/B

DIMENSIONS



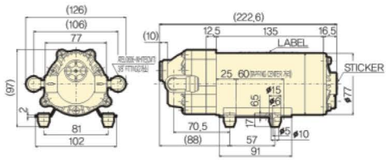
PERFORMANCE CURVE

ROOM TEMP : 24℃, WATER TEMP : 24℃,
POWER SUPPLY : DC 24V(0590B), DC 38V(0590A)



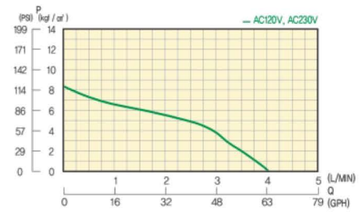
CS-0590K/K-1

DIMENSIONS



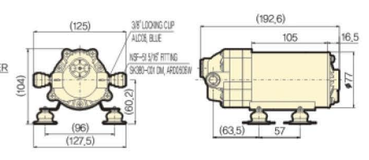
PERFORMANCE CURVE

ROOM TEMP : 24℃, WATER TEMP : 24℃,
POWER SUPPLY : AC 120V(0590K), AC 230V(0590K-1)



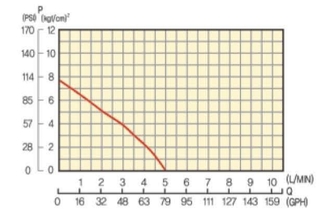
CS-0580R

DIMENSIONS



PERFORMANCE CURVE

ROOM TEMP : 24℃, WATER TEMP : 24℃,
POWER SUPPLY : AC 100V



NOTE : The performance illustrated is based on pumping water at ambient temperature. / Specifications and dimensions are subject to change upon your requests.

SPECIFICATIONS

ITEM \ MODEL	CS-0590B	CS-0590A	CS-0590K	CS-0590K-1	CS-0580R
Power Supply	DC24V	DC38V	AC120V	AC230V	AC100V
Input	84W	65W	84W	81W	90W
Maximum Current	3.5A	1.7A	0.7A	0.35A	0.9A
Maximum Pressure	120psi (8.4kgf/㎠)		120psi (8.4kgf/㎠)		110 psi (7.7kgf/㎠)
Maximum Capacity	3.0ℓ/min (48GPH)		3.8ℓ/min (60GPH)		5.0ℓ/min (80GPH)
Water Temperature	0℃~40℃	0℃~40℃	0℃~40℃	0℃~40℃	0℃~40℃
Hose Connected Inlet / Outlet	3/8" Push to Connect or Compression				5/16" Push to Connect or Compression
Dimension[mm]	222.6*126*97		222.6*126*106		192.6*125*104