

## Water Sealed

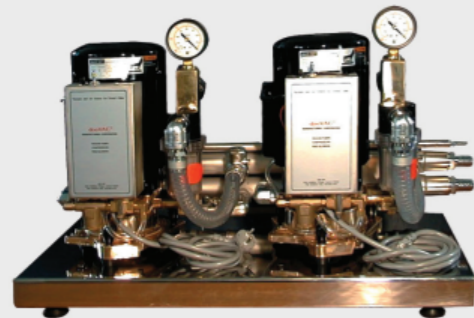
## Suction Pump for Dental Medical

**DEN 400 / SD-402**

335/670 l /min (50Hz)

400/800 l /min (60Hz)

680 mmHg



SD-402



DEN-400

- **Reliability**

High quality material, quality control according to ISO9001, CE, mark authentication standard, automated machining facility, computer control process, etc. Guarantee standardized and accurate product manufacturing. Where operation of vacuum pump stops during vacuum work sol-valve is installed at the suction hole in order to prevent reverse-flow.

- **Environmentally safe**

Air-cooling, internal filter in inlet port for cleaning. Using mechanical seal in order to very silent and stop leak of water allows. This model is available can be using on any environment.

- **Easy to service**

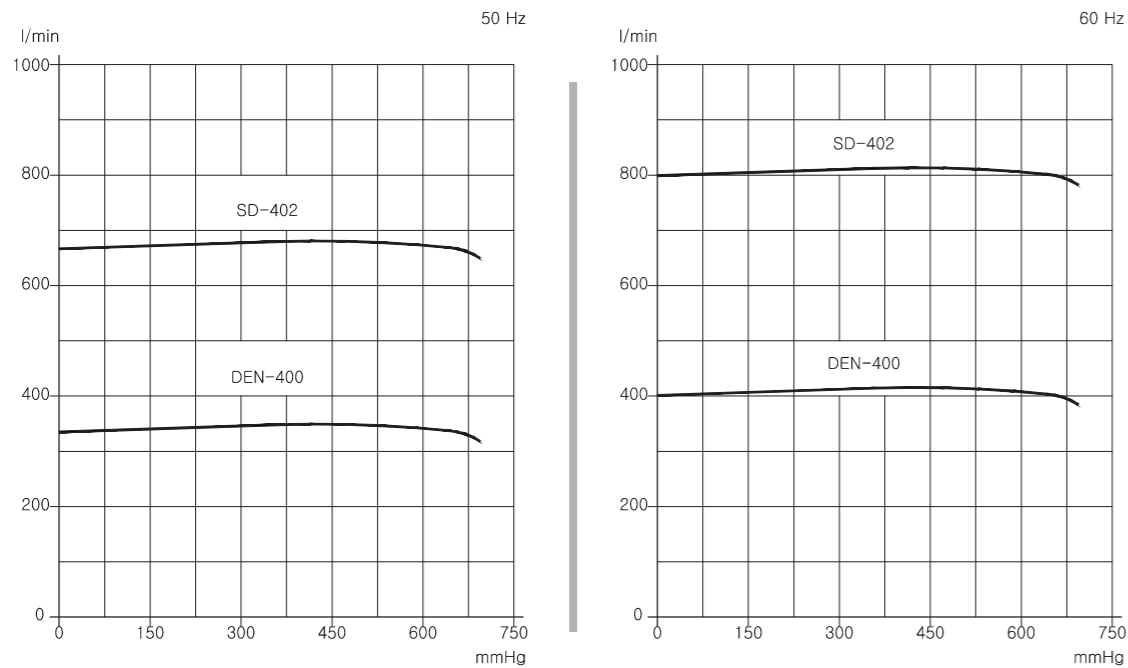
This can be simply used, is easy for maintenance, and can be used for long time, as an integrated type which has simple structure, has air cooling system, uses anti-corrosive material, is furnished with overload interceptor for automatic cleaning, water supply and motor protection, is furnished with temperature switch for preventing damage due to overheat, is furnished with transformer (220V/DC24V) for being operated with DC24V power by considering safety during on and off operation of pump considering safety during on and off operation of pump, and is furnished with sol-valve for saving water.

- **Application range**

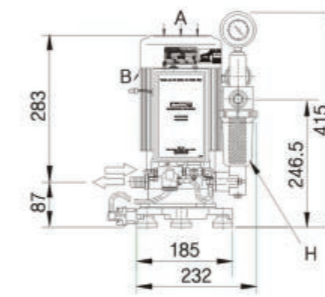
This is simple type that spindle of flange motor connect pump impeller & cylinder directly and cooling type used with cooling fan. This pump is small size and lightweight. These models are suction pump for dental surgery which is specially designed, are fabricated so that 3~4 units chairs may be simultaneously used with DEN-400 pump, because of strong suction force, and are economical and have no trouble by reducing water and electricity usage quantity when being used assembled in a row with SD-400 suction pumps when 4 more unit chairs are simultaneously used.

## Suction Pump for Dental Medical DEN 400/SD-402

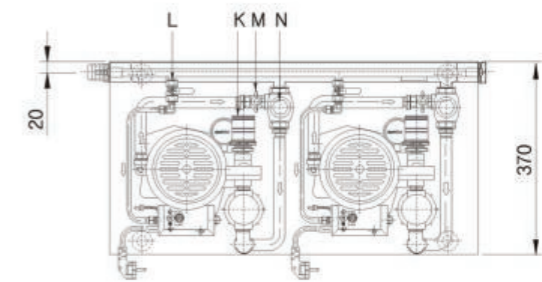
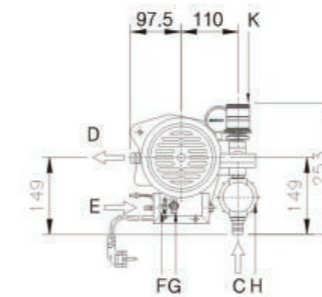
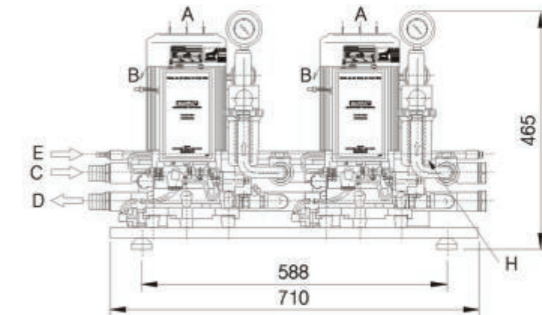
Technical Data		DEN-400	SD-402		
Norminal displacement	50Hz ℓ /min	335	670		
	60Hz ℓ /min	400	800		
Ultimate pressure	mmHg	680	680		
Motor version (3~)	50Hz V	-	-		
	60Hz V				
Motor version (1~)	50Hz V	230	230		
	60Hz V	220	220		
Nominal motor rating (3~)	kW	-	-		
Nominal motor rating (1~)	kW	0.95	1.9		
Nominal motor speed	50Hz min <sup>-1</sup>	2850	2850		
	60Hz min <sup>-1</sup>	3430	3430		
Sound level	dB(A)	62	70		
Operating temperature (Ambient)	°C	40	40		
Oil filling	ℓ /min	1.9	3.8		
Weight approx	50Hz kg	20	48		
	60Hz kg				



DEN-400



SD-402



A

A

A

A

A

B

C

D

E

F

G

H

Cooling air entry

Cooling air exit

Inlet flange

Exhaust port

Water supply line

Circuit protector

On/off switch

Line filter

Vacuum relief valve

Water valve

Exhaust line valve

Vacuum check valve

∅ 25 hose nipple

∅ 25 hose nipple

Model

a

b

c

d

e

f

g

h

i

j

k

l