

OSC 997ST007 Oil-free Vacuum Pump

<Features>

- Piston-powered, Oil-free pump
- Directly motor driven without transmission mechanism and high quality construction keep noise level only 48.7~60dB.
- Aluminum die-cast and precise construction enabling its compact and small body
- Clean and maintenance free

<Applications>

This series are so appropriate as pressure air supplier or suction units.

They are adaptable to many laboratory and industry requirements, such as:

1. Liquid filtration for microbiology
2. Suspended solid test
3. liquid sprayer
4. Air sampling
5. Vacuum tweezer
6. Aeration bubbler
7. Vacuum oven

<Accessories>

- Moisture Trap, Vacuum regulator
- Repair kit (Option)
- Converting kit to get pressure for OSC 997ST 007A, B, C (Option)

<Consumables>

- Filter cartridge

<Specifications>

Model	OSC 997ST 007A		OSC 997ST 007B		OSC 997ST 007C	
Power Supply	AC110-120V 60Hz	AC220-240V 50Hz	AC110-120V 60Hz	AC220-240V 50Hz	AC110-120V 60Hz	AC220-240V 50Hz
Power consumption(W)	65	60	100	80	210	190
Max.current(A)	0.7	0.3	1.0	0.4	1.9	1.0
Max. Vacuum(mmHg)	-650	-651	-652	-653	-654	-655
Max. Vacuum(kPa)	-85.5	-85.5	-85.5	-85.5	-85.5	-85.5
Max. Flowate(l/min)	20	17	37	34	60	58
Motor rotation(rpm)	1700	1450	1750	1450	1700	1450
Capacitance	6uf/250V	2uf/450V	10uf/250V	3uf/450V	16uf/250V	5uf/400V
Horse Power(HP)	1/8.	1/8.	1/6.	1/6.	1/4.	1/4.
Pole	4P	4P	4P	4P	4P	4P
Noise Level(dB)	50	50	50	50	52	52
Port Thread(inch)	5/16"	5/16"	5/16"	5/16"	5/16"	5/16"
Net Weight(kg)	4.1	4.1	5.2	5.2	7.6	7.6



OSC 997ST 007A



OSC 997ST 007B



OSC 997ST 007C

Model	OSC 997ST 007D		OSC 997ST 007E	
Power Supply	AC110-120V 60Hz	AC220-240V 50Hz	AC110-120V 60Hz	AC220-240V 50Hz
Power consumption(W)	80	100	210	90
Max.current(A)	0.4	1.0	1.9	1.0
Max. Vacuum(mmHg)	-750	-740	-750	-740
Max. Vacuum(kPa)	-99.9	-97.4	-99.9	-97.4
Motor rotaion(rpm)	1750	1450	1700	1450
Capacitance	10uf/250V	3uf/450V	16uf/250V	5uf/400V
Horse Power(HP)	1/6.	1/6.	1/4.	1/4.
Pole	4P	4P	4P	4P
Noise Level(dB)	50	50	52	52
Port Thread(inch)	5/16"	5/16"	5/16"	5/16"
Net Weight(kg)	5.2	5.2	7.6	7.6



OSC 997ST 007D



OSC 997ST 007E

OSC 997ST008 DC Power Vacuum Pump

<Features>

- Operated by 12V DC.
- Convenient operation in vehicle, outdoors or anywhere without AC power.
- High level of performance suiting many different industry requirements, especially ideal for the application of filtration, Such as suspended solid test, microbiology test and air sampling

Model	OSC 997ST 008
Power Supply	DC12V
Power consumption(W)	35
Max.current(A)	3.0
Max. Vacuum(mmHg)	-650
Max. Vacuum(kPa)	-85.5
Motor rotaion(rpm)	1800
Horse Power(HP)	1/8.
Pole	4P
Noise Level(dB)	50
Port Thread(inch)	5/16"
Net Weight(kg)	3.5



OSC 997ST 008

<Accessories>

- Moisture Trap
- Converting kit to get pressure (Option)

<Consumables>

- Filter cartridge