

Diaphragm Vacuum Pump DTC series



DTC-21

DTC-41

DTC-60

Designed to comply with drainage regulations.

Gas contact part is made from Teflon. Suitable for discharging solvents and reducing pressure.

Features

- Dry type pump which does not require oil change.
- Small, light weight, compact size which requires minimal installation space.



DTC-21 with Rotary Evaporator N-1001

Specifications

Product name	Diaphragm Vacuum Pump DTC series					
Model	DTC-21		DTC-41		DTC-60	
Cat. No.	188870		188880		188030	
Input voltage	100V	200V	100V	200V	100V	200V
Displacement	20/24L/min		40/46L/min		60/70L/min	
Ultimate Vacuum	1.0kPa (13 Torr)					
Rotation speed (50/60Hz)	1255/1555 rpm		1370/1620 rpm		1400/1630 rpm	
Motor Output	50W		100W		200W	
Safety functions	Thermal protector					
Exhaust part material	PP, Teflon			Teflon		
Suction nozzle diameter	OD 10mm hose end			OD 14mm hose end		
Exhaust nozzle diameter	OD 10mm hose end			OD 14mm hose end		
Ambient temperature	0-40°C					
Overall dimensions (WxDxH mm)	118(142)Wx272(288.5)Dx202H		133(115)Wx320(336.5)Dx217H		150(158)Wx340Dx242H	
Weight	7.3kg		10.3kg		18kg	
Power source	1.3A 130VA		2.2/2.3A 220/230VA		3.6/3.7A 360/370VA	

Small-sized Oil Rotary Vacuum Pump GLD series



GLD-136CN

GLD-201A/BN

High ultimate vacuum, suitable for Vacuum Oven and Freeze Dryer.

Features

- Features include reverse flow prevention mechanism, gas ballast valve, forced oil feeding system, over current protection circuit, and forced cooling system.
- Large window makes it easy to confirm oil condition.
- Dismounting or exchange of oil filter is easy and it also prevents troubles from filter contamination.
- Low noise level and small vibration is achieved.

Specifications

Product name	Oil Rotary Vacuum Pump				
Model	GLD-051	GLD-101N	GLD-136N	GLD-166N	GLD-201BN
Cat. No.	190840	189080	200540	189130	200560
Displacement (50/60Hz)	50/60L/min	100/120L/min	135/162L/min	165/200L/min	200/240L/min
Ultimate vacuum	6.7 x 10 ⁻² Pa				
Motor Output	200W	400W	400W	550W	550W
Safety function	Thermal protector, Reflux prevention valve, Oil filter				
Oil to be used (SMR type)	500-800mL	1100mL	1000mL	1200mL	1100mL
Suction tube dia.	Hose end OD 22mm				
Ambient temperature	7 to 40°C				
Overall dimensions (W x D x H mm)	150(165.5) x 394(399) x 246.7	170 x 466(475) x 256.7	170 x 479(488) x 256.5	170 x 514.5(523.5) x 256.7	170 x 507(516) x 256.5
Weight	13.9kg	24.7kg	26.0kg	28.3kg	28.0kg

*Oil for pump

Applicable pump	Oil Model	Capacity	Cat. No.
GLD series	SMR-100	500mL2	118700
		4L	118710
		18L	118720

*Oil mist Trap OMS, OMT, OMI

OMS: Trap oil mist

OMT: Trap in vacuum pump

OMI: Pipe connect type

OMC: Anti-corrosive, flange type

Model name	Cat. No.	Applicable pump
OMS-051	118610	GLD-051
OMS-100	118620	GLD-101N
OMT-050A	118630	GLD-051
OMT-100A	118640	GLD-101N
OMT-200A	118650	GLD-136CN, 201A/B
OMC-050	118680	GCD-051X



OMT

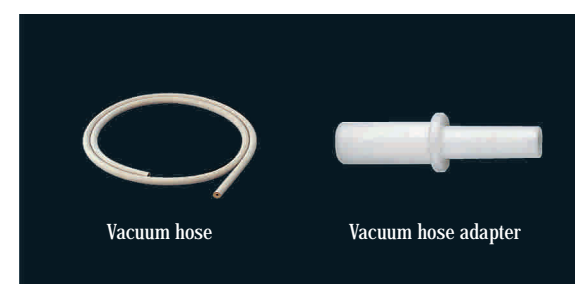
OMC

*Vacuum hose (ID6. 9. 12. 18mm. 5m)

Vacuum hose I. D. x O. D.	Length	Cat. No.
6 x 15mm	5m	119170
9 x 21mm	5m	119190
12 x 30mm	5m	119210
18 x 42mm	5m	119230

*Vacuum hose adapter

Type	Diameter
Adapter A	OD 22*OD 17mm
Adapter B	OD 17*OD 13mm
Adapter C	OD 17*OD 10mm
Adapter D	OD 22*OD 13mm
Adapter E	OD 13*OD 10mm
Adapter F	OD 22*OD 10mm



Vacuum hose

Vacuum hose adapter