

PUMP **up**

*the
productivity*

With Graco's NEW FDA Pumps!

quick
**KNOCK
DOWN**
design



- Ideal for food-related applications requiring maximum portability
- 3 models with flow rates ranging from 40 to 150 gpm
- 316 stainless steel wetted and fluid center sections
- Easy to clean with its quick knock down design
- Featuring Graco's durable, lube-free, non-sticking air valve
- Optional leak detection available

So, pump up the productivity in your plant!
Visit www.graco.com/sanitary to check out our full line of sanitary pumps, and find out how you can try Graco's most popular sanitary pumps FREE for 60 days!

For more information visit our web site at www.graco.com/sanitary or call us at:

1-877-844-7226 (Press 3)



GRACO

1040 FDA TECHNICAL SPECIFICATIONS

Maximum fluid working pressure	120 psi (0.8 MPa, 8 bar)
Air pressure operating range	20-120 psi (0.14-0.8 MPa, 1.4-8 bar)
Maximum air consumption	50 scfm
Air consumption at 70 psi/20 gpm	18 scfm (see chart)
Maximum free-flow delivery	40 gpm (159 l/min)
* Gallons (Liters) per cycle	0.16 (0.57)
Maximum suction lift	29 ft (8.83 m) wet, 16 ft (4.87 m) dry
Maximum size pumpable solids	1/8 in (3.2 mm)
<i>Maximum fluid operating temperature is based on the following maximum diaphragm, ball, and seat temperature ratings</i>	
Stainless steel	250°F (121.1°C)
PTFE	220°F (104.4°C)
Santoprene®	180°F (82.2°C)
EPDM	275°F (135°C)
Air inlet size	0.5 in npt(f)
Fluid inlet/outlet size	1.5 in sanitary flange
Weight - All models	55 lb (24.9 kg)
Instruction manual	311879

1590 FDA TECHNICAL SPECIFICATIONS

Maximum fluid working pressure	120 psi (0.8 MPa, 8 bar)
Air pressure operating range	20-120 psi (0.14-0.8 MPa, 1.4-8 bar)
Maximum air consumption	130 scfm
Air consumption at 70 psi/50 gpm	42 scfm (see chart)
Maximum free-flow delivery	90 gpm (378.5 l/min)
* Gallons (Liters) per cycle	0.5 (1.9)
Maximum suction lift	29 ft (8.84 m) wet, 14 ft (4.27) dry
Maximum size pumpable solids	3/16 in (4.8 mm)
<i>Maximum fluid operating temperature is based on the following maximum diaphragm, ball, and seat temperature ratings</i>	
Stainless steel	250°F (121.1°C)
PTFE	220°F (104.4°C)
Santoprene	180°F (82.2°C)
EPDM	275°F (135°C)
Air inlet size	0.5 npt(f)
Fluid inlet/outlet size	2 in sanitary flange
Weight - All models	89 lb (40 kg)
Instruction manual	311879

2150 FDA TECHNICAL SPECIFICATIONS

Maximum fluid working pressure	120 psi (0.8 MPa, 8 bar)
Air pressure operating range	20-120 psi (0.14-0.8 MPa, 1.4-8 bar)
Maximum air consumption	175 scfm
Air consumption at 70 psi/80 gpm	70 scfm (see chart)
Maximum free-flow delivery	150 gpm (568 lpm)
* Gallons (Liters) per cycle	0.97 (3.67)
Maximum suction lift	29 ft (8.83 m) wet, 16 ft (4.87 m) dry
Maximum size pumpable solids	1/4 in (6.3 mm)
<i>Maximum fluid operating temperature is based on the following maximum diaphragm, ball, and seat temperature ratings</i>	
Stainless steel	250°F (121.1°C)
PTFE	220°F (104.4°C)
Santoprene	180°F (82.2°C)
EPDM	275°F (135°C)
Air inlet size	0.5 in npt(f)
Fluid inlet/outlet size	2.5 in sanitary flange
Weight - All models	147 lb (66.7 kg)
Instruction manual	311879

* Displacement per cycle may vary based on suction condition, discharge head, air pressure and fluid type

ORDERING INFORMATION

Inlet/Outlet	Size	Seats and O-rings	Balls	Diaphragms
FD1111 - 1040	1.5 in	SST with PTFE	PTFE	PTFE
FD1122 - 1040	1.5 in	SST with PTFE	Santoprene	Santoprene
FD1211 - 1040	1.5 in	SST with EPDM	PTFE	PTFE
FD1222 - 1040	1.5 in	SST with EPDM	Santoprene	Santoprene
FD2111 - 1590	2 in	SST with PTFE	PTFE	PTFE
FD2122 - 1590	2 in	SST with PTFE	Santoprene	Santoprene
FD2211 - 1590	2 in	SST with EPDM	PTFE	PTFE
FD2222 - 1590	2 in	SST with EPDM	Santoprene	Santoprene
FD3111 - 2150	2.5 in	SST with PTFE	PTFE	PTFE
FD3122 - 2150	2.5 in	SST with PTFE	Santoprene	Santoprene
FD3211 - 2150	2.5 in	SST with EPDM	PTFE	PTFE
FD3222 - 2150	2.5 in	SST with EPDM	Santoprene	Santoprene

Kits	O-rings	Balls	Diaphragms
FK1111 - 1040 Fluid Repair	PTFE O-rings	PTFE	PTFE
FK1122 - 1040 Fluid Repair	PTFE O-rings	Santoprene	Santoprene
FK1211 - 1040 Fluid Repair	EPDM O-rings	PTFE	PTFE
FK1222 - 1040 Fluid Repair	EPDM O-rings	Santoprene	Santoprene
FK2111 - 1590 Fluid Repair	PTFE O-rings	PTFE	PTFE
FK2122 - 1590 Fluid Repair	PTFE O-rings	Santoprene	Santoprene
FK2211 - 1590 Fluid Repair	EPDM O-rings	PTFE	PTFE
FK2222 - 1590 Fluid Repair	EPDM O-rings	Santoprene	Santoprene
FK3111 - 2150 Fluid Repair	PTFE O-rings	PTFE	PTFE
FK3122 - 2150 Fluid Repair	PTFE O-rings	Santoprene	Santoprene
FK3211 - 2150 Fluid Repair	EPDM O-rings	PTFE	PTFE
FK3222 - 2150 Fluid Repair	EPDM O-rings	Santoprene	Santoprene

