



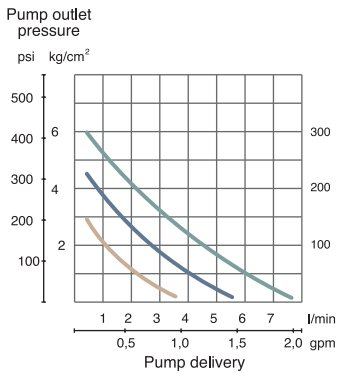
# 03

## AIR OPERATED FLUID PUMPS AND KITS

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**330 100**

**PUMPMASTER 1, 1:1 PRESSURE RATIO FLUID PUMP**



— Air inlet pressure 84 psi (6 bar).  
— Air inlet pressure 63 psi (4,5 bar).  
— Air inlet pressure 42 psi (3 bar).

**330 100**

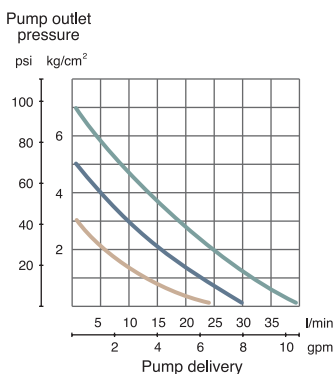
Low pressure air operated transfer pump compatible with slightly corrosive, low viscosity fluids, such as paint solvents, cleaning fluids, anti-freeze (glycol), detergents, grease removers, alcohols, turpentine, petrochemical products, anticorrosion products, light inks, lacquer, wood varnish, etc.

| <b>Technical data</b>                   |  |
|---|--|
| Pressure ratio                          | 1:1  |
| Air piston diameter                     | 36 mm (1.5")   |
| Air piston stroke                       | 80 mm (3")   |
| Maximum free flow capacity <sup>1</sup> | 18 l/min (4.7 gpm)   |
| Continuous duty flow rate <sup>1</sup>  | 6.5 l/min (1.7 gpm)  |
| Minimum air pressure                    | 2 bar (28 psi)   |
| Maximum air pressure                    | 8 bar (115 psi)  |
| Maximum fluid pressure                  | 8 bar (115 psi)  |
| Air inlet                               | 1/4" BSP (M) with needle valve                             |
| Fluid outlet                            | 3/8" BSP (M)   |
| Fluid inlet                             | 3/8" BSP (M) with adaptor for 1/2" suction hose            |
| Bung adaptor thread                     | 3/4" BSP (M)   |
| Wetted parts                            | Aluminum, stainless steel, chromium steel, PTFE and Viton® |

<sup>1</sup> Free delivery at 7 bar air inlet pressure, using water.

**331 110**

**PUMPMASTER 2, 1:1 PRESSURE RATIO FLUID PUMPS**



— Air inlet pressure 84 psi (6 bar).  
— Air inlet pressure 63 psi (4,5 bar).  
— Air inlet pressure 42 psi (3 bar).

**331 110**

Double acting, low pressure and high delivery air operated pumps manufactured in AISI 316 stainless steel. Pumps can be used as transfer pumps or in systems that include pipelines and several outlets even with simultaneous operation. Pump is compatible with slightly corrosive, low viscosity fluids such as paint solvents, cleaning fluids, anti-freeze (glycol), detergents, grease removers, alcohols, turpentine, petrochemical products, anticorrosion products, light inks, lacquer, wood varnish, etc.

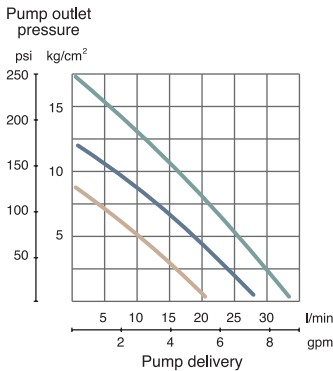
Pumps include height adjustable bung adaptor and a 700 mm PVC suction tube for use with 200 l drums.

| <b>Technical data</b>                   |   |
|---|---|
| Pressure ratio                          | 1:1                                       |
| Pump tube diameter                      | 52 mm (approx. 2")                        |
| Air piston diameter                     | 50 mm (2")                                |
| Air piston stroke                       | 100 mm (4")                               |
| Maximum free flow capacity <sup>1</sup> | 41 l/min (11.5 gpm)                       |
| Minimum air pressure                    | 3 bar (42 psi)                            |
| Maximum air pressure                    | 10 bar (140 psi)                          |
| Maximum fluid pressure                  | 10 bar (140 psi)                          |
| Air inlet                               | 1/4" BSPT (F)                             |
| Fluid outlet                            | 3/4" BSP (F)                              |
| Fluid inlet                             | 1" BSP (F)                                |
| Wetted parts                            | AISI 316 stainless steel, PTFE and Viton® |

<sup>1</sup> Free delivery at 7 bar air inlet pressure, using water.

**333 110**

**PUMPMASTER 4, 3:1 PRESSURE RATIO FLUID PUMPS**



— Air inlet pressure 84 psi (6 bar).  
— Air inlet pressure 63 psi (4,5 bar).  
— Air inlet pressure 42 psi (3 bar).

**333 110**

Double acting, medium pressure and high delivery air operated pumps manufactured in AISI 316 stainless steel. Pumps can be used in large systems that include pipelines and several outlets even with simultaneous operation. Pump is compatible with slightly corrosive, low viscosity fluids such as paint solvents, cleaning fluids, anti-freeze (glycol), detergents, grease removers, alcohols, turpentine, petrochemical products, anticorrosion products, light inks, lacquer, wood varnish, etc.

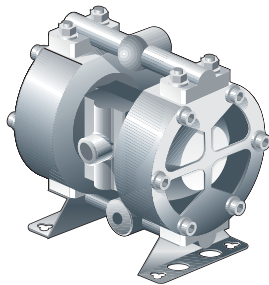
Pumps include height adjustable bung adaptor and a 700 mm PVC suction tube for use with 200 l drums.

| Technical data                          |   |
|---|---|
| Pressure ratio                          | 3:1                                       |
| Pump tube diameter                      | 52 mm (approx. 2")                        |
| Air piston diameter                     | 90 mm (3.55")                             |
| Air piston stroke                       | 100 mm (4")                               |
| Maximum free flow capacity <sup>1</sup> | 35 l/min (9.8 gpm)                        |
| Minimum air pressure                    | 3 bar (42 psi)                            |
| Maximum air pressure                    | 10 bar (140 psi)                          |
| Maximum fluid pressure                  | 30 bar (420 psi)                          |
| Air inlet                               | 3/8" BSPT (F)                             |
| Fluid outlet                            | 3/4" BSP (F)                              |
| Fluid inlet                             | 1" BSP (F)                                |
| Wetted parts                            | AISI 316 stainless steel, PTFE and Viton® |

<sup>1</sup> Free delivery at 7 bar air inlet pressure, using water.

**550 000 / 551 000**

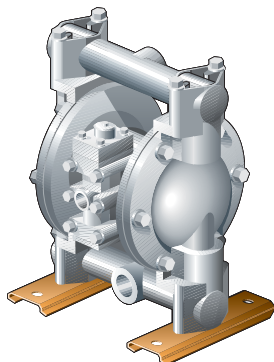
**AIR OPERATED DOUBLE DIAPHRAGM PUMPS**



**550 000 - Double diaphragm pump - 17 l/min**

Air operated 1:1 pressure ratio double diaphragm pump with polypropylene pump body and NBR diaphragms. Recommended use for antifreeze, detergent, light oils, etc. as transfer pump or in systems with no simultaneous operation outlets.

| Technical data                 |                    |
|--------------------------------|--------------------|
| Pressure ratio                 | 1:1                |
| Diaphragms and valves material | NBR                |
| Pump body material             | Polypropylene      |
| Maximum free flow capacity     | 17 l/min (4.4 gpm) |
| Minimum air pressure           | 2 bar (30 psi)     |
| Maximum air pressure           | 7 bar (100 psi)    |
| Maximum fluid pressure         | 7 bar (100 psi)    |
| Air inlet                      | 1/4" BSPT (F)      |
| Fluid outlet                   | 3/8" NPT (F)       |
| Fluid inlet                    | 3/8" NPT (F)       |



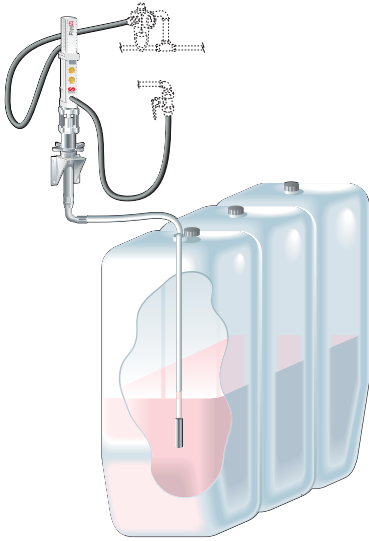
**551 000 - Double diaphragm pump - 150 l/min**

Air operated 1:1 pressure ratio double diaphragm pump with aluminum pump body and NBR diaphragms. Recommended use for antifreeze, detergent, light oils, etc. as transfer pump and for waste oil evacuation.

| Technical data                 |                    |
|--------------------------------|--------------------|
| Pressure ratio                 | 1:1                |
| Diaphragms and valves material | NBR                |
| Pump body material             | Aluminum           |
| Maximum free flow capacity     | 150 l/min (39 gpm) |
| Minimum air pressure           | 2 bar (30 psi)     |
| Maximum air pressure           | 7 bar (100 psi)    |
| Maximum fluid pressure         | 7 bar (100 psi)    |
| Air inlet                      | 3/8" BSPT (F)      |
| Fluid outlet                   | 1" NPT (F)         |
| Fluid inlet                    | 1" NPT (F)         |

**379 603**

**PUMPMaster 2 STAINLESS STEEL PUMP KIT**



**379 603 - PumpMaster 2 pump wall mounted kit**

Wall mounted pump kit with suction hose for use with drums or tanks with water based products such as anti-freeze.

Includes:

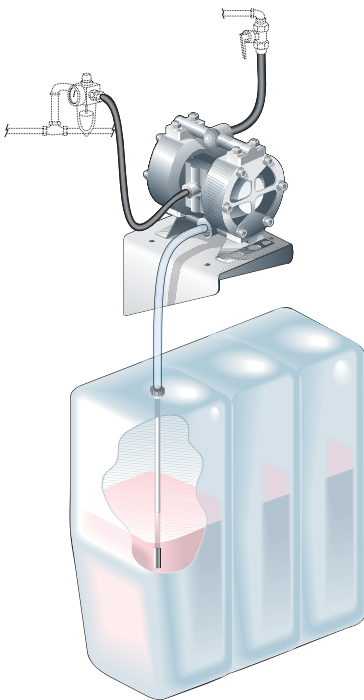
- 331 110: PumpMaster 2 stainless steel pump, 1:1 pressure ratio.
- 360 102: Wall pump bracket.
- 367 011: 3 m suction hose, 3/4" BSP (M)
- 945 670: 1" BSP (M) - 3/4" (M) connection adaptor.
- 945 554: 3/4" BSP (M) - 1/2" (M) connection adaptor.
- 362 910: Pump Master 2 air and fluid lines connection kit.

Recommended options:

- 240 500: Air filter + regulator.
- 950 300: 1/2" BSP (FF) ball valve.
- 239 000: 1/4" BSPT (MM) connection adaptor.

**559 010**

**17 L/MIN DOUBLE DIAPHRAGM PUMP KIT**



**559 010 - 17 l/min double diaphragm pump wall mounted kit**

Wall mounted pump kit with suction hose for use with drums or tanks with water based products such as anti-freeze.

Includes:

- 550 000: Double diaphragm pump 17 l/min.
- 360 100: Wall pump bracket.
- 736 742: 3m suction hose, 3/4" BSP (M).
- 945 670: 1" BSP (M) - 3/4" (M) connection adaptor.
- 945 554: 3/4" BSP (M) - 1/2" (M) connection adaptor.
- 362 910: PumpMaster 2 air and oil line connection kit.

Recommended options:

- 240 500: Air filter + regulator.
- 950 300: 1/2" BSP (FF) ball valve.
- 239 000: 1/4" BSPT (MM) connection adaptor.

\*Pump kits include all hoses and adaptors required for connecting a pump to the air supply and the fluid distribution line.

See pages 11 y and 16 to 18 for pump accessories and connection kits.