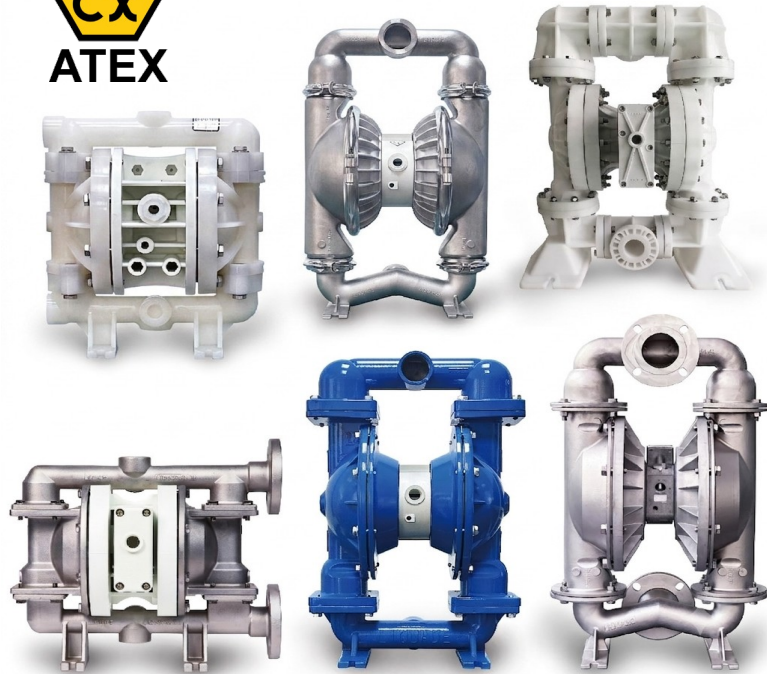




Air Operated Diaphragm Pump
Plastic Pump & Metal Pump

GT series



Introduction



Working Principle

EMMECOM diaphragm pump is a positive displacement pump that uses a combination of the reciprocating action of a diaphragm together with suitable valves on either side of the diaphragm in order to pump liquid.

There are two diaphragms connected with each other by a shaft working in a separate chamber along with two sets of inlet valve balls and outlet valve balls. The diaphragm will separate the pumping action (liquid chamber) and air supply action (air chamber) individually. The reciprocating action will be powered by the air valve function which is shifting the air into either side of the air chamber systematically.

Thus, the pumping action is generated when air pushes into separate chamber acting on the diaphragm one after another. The pair of inlet and outlet valves will complete the pumping action with designated path direction.

NOTE: The diaphragm's lifespan will be extended because of the air acting evenly onto the diaphragm instead of high mechanical stress on shaft connector area if it depends on the shaft to create the reciprocating action.

Figure 1: The air system is directing the compressed air into the right air chamber, which pushes the diaphragm A into compressing action in the liquid chamber. This is called the discharge stroke.

At the same time, the shaft connected will pull the diaphragm B to become the suction stroke, and the air supplied earlier in the air chamber will be discharged into the atmosphere from the discharge port of the pump.

When the liquid chamber at the diaphragm B opens wider along with the valve blocking the outlet, this creates a vacuum or low pressure situation which allows the fluid being pushed into the said chamber by the higher atmospheric pressure via the suction port. The inlet and outlet valve works in opposite way of opening or closing in order to complete each and every stroking action simultaneously.

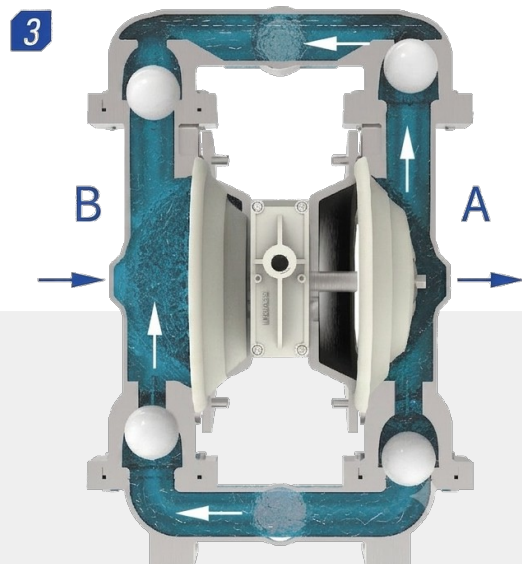
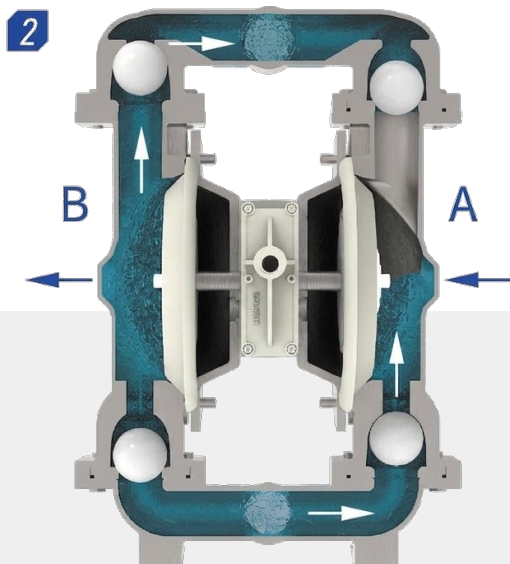
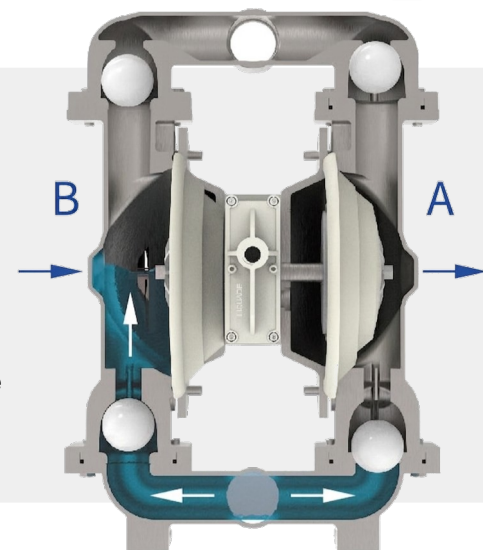


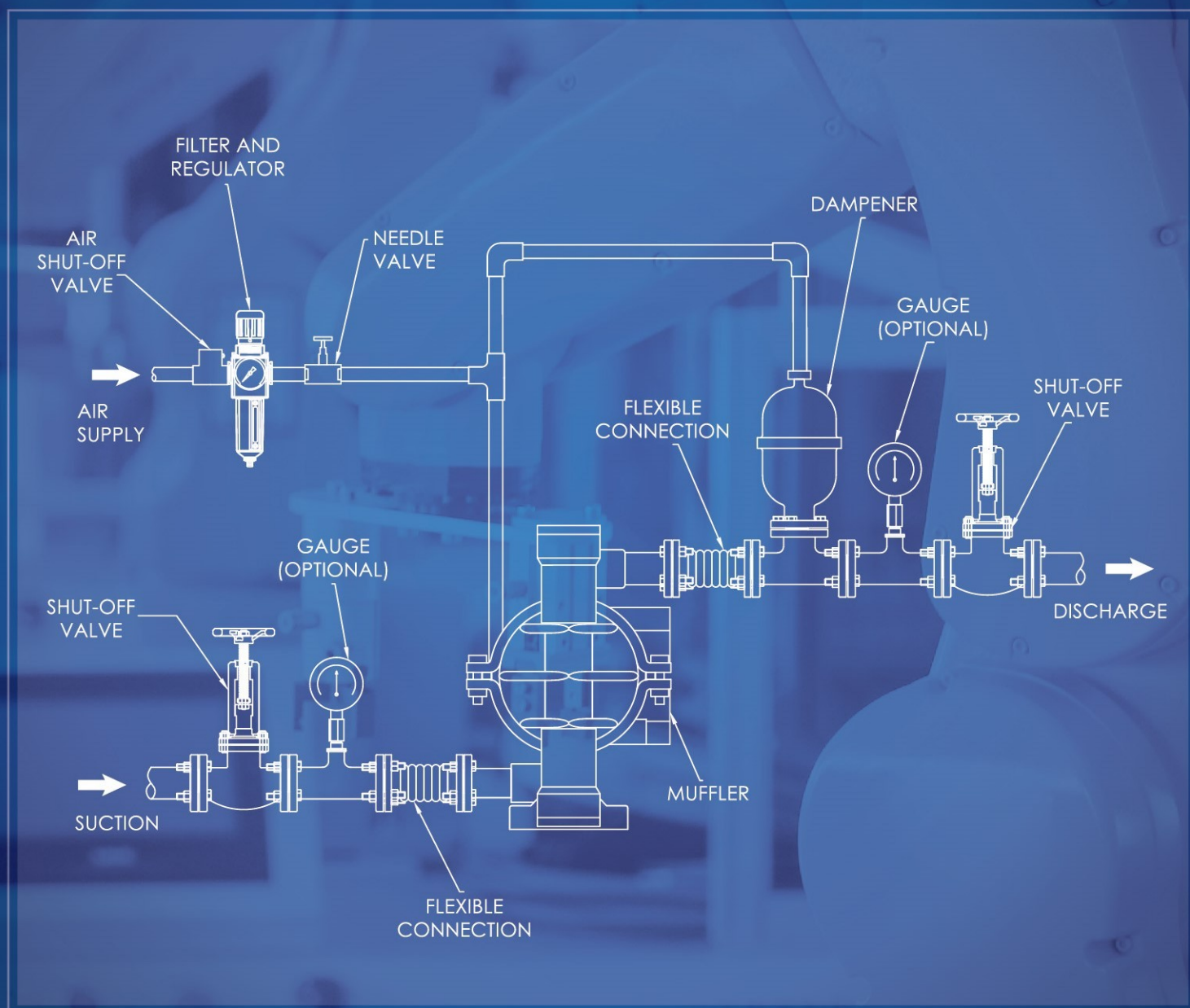
Figure 2 and Figure 3: When the pressurised diaphragm A reaches its maximum stroke limit, the air valve will be reacting by shifting the supply of compressed air into the opposite side, which is the air chamber of the diaphragm B.

Thus, the same action will be repeated as per Figure 1 but in the opposite chamber.

When the diaphragm B is in the discharge stroke, the inlet and outlet valve is being pushed away by the compressed liquid chamber. The opening and closing of these 2 valve balls will be making the discharge action possible whenever the diaphragm was pressurised by the air supply.

NOTE: The 4 valve balls will be supported by each valve seat individually to have a complete sealing capability whenever the valve ball is in the closing action.

Suggested Installation

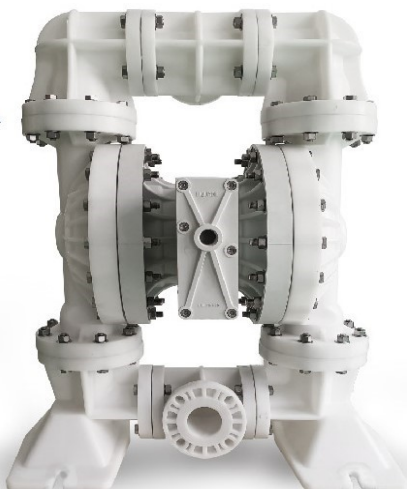


INSTALLATION GUIDE ▲

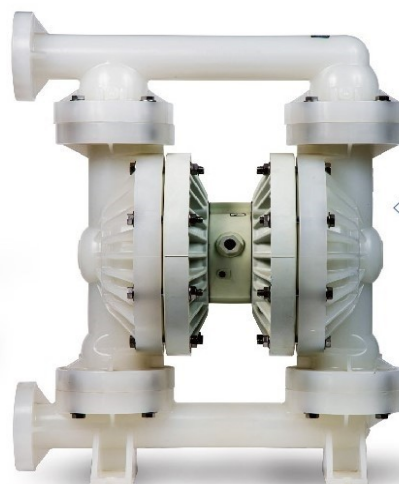


PLASTIC
PUMP

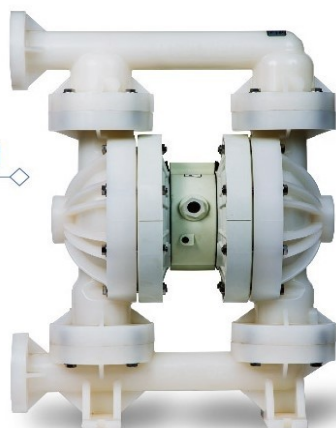
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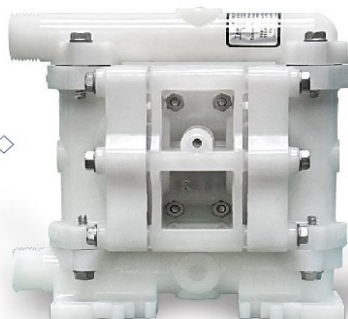
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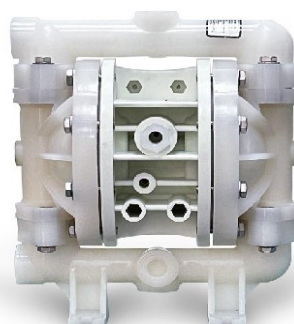
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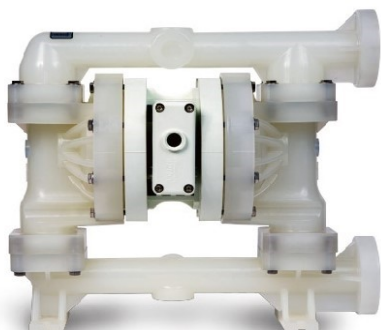
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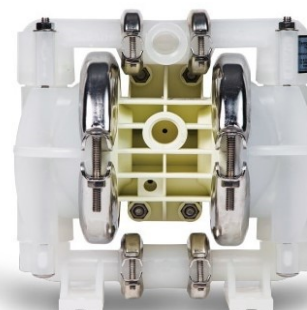
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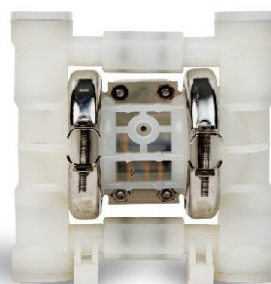
GT200



GT15



GT06



GT06 Plastic Pump - Information



► GT06 PLASTIC PUMP

Wetted Part Material

- Wetted part material
- Polypropylene: 1.5 KG
- Lyvinylidene fluoride: 1.7 KG

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

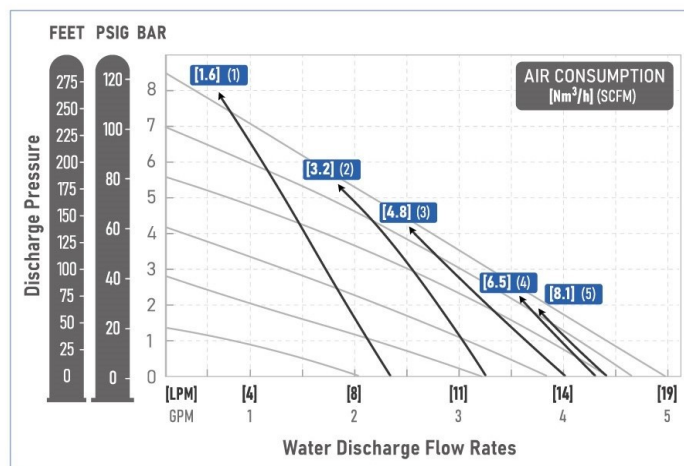
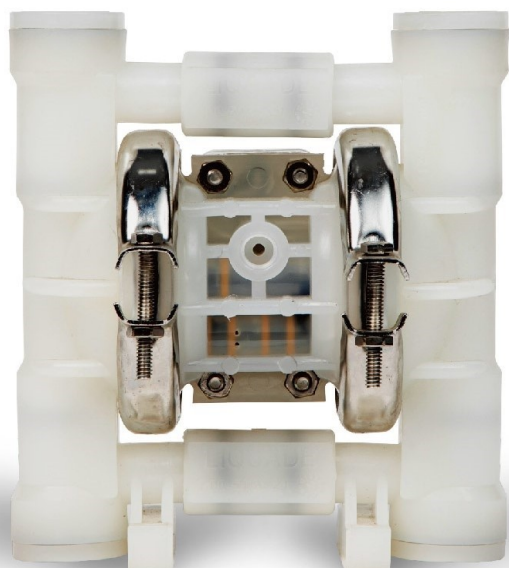
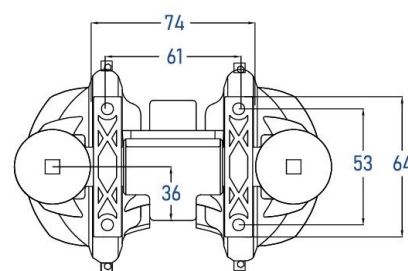
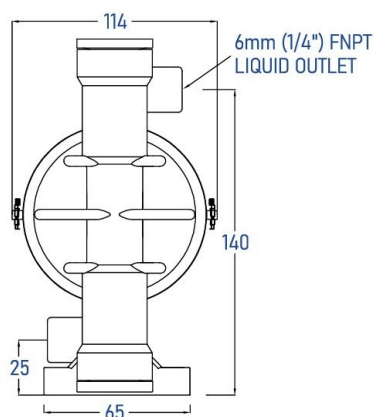
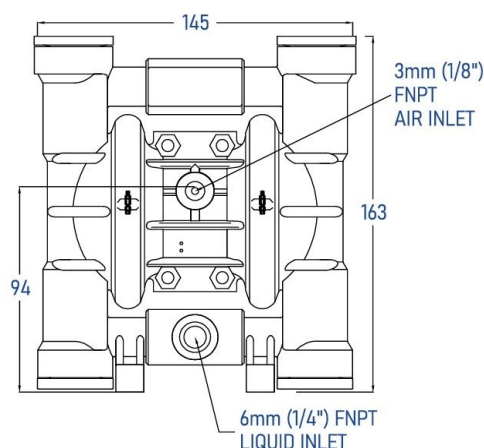
- Rubber diaphragm: 18.3 LPM
- Teflon PTFE: 18.0 LPM
- TP Diaphragm: 18.1 LPM

Max. Suction Lift

- Rubber: Dry 2.8 M / Wet 9.5 M
- Teflon PTFE: Dry 2.5 M / Wet 8.6 M
- Thermoplastic compound: Dry 3.1 M / Wet 8.9 M

Parameter

- Liquid inlet: 1/4"
- Liquid outlet: 1/4"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 0.4 mm (1/64")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

GT060 Plastic Pump - Information



► GT060 PLASTIC PUMP

Wetted Part Material

- Wetted part material
- Polypropylene: 1.9 KG
- lyvinylidene fluoride: 2.7 KG

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

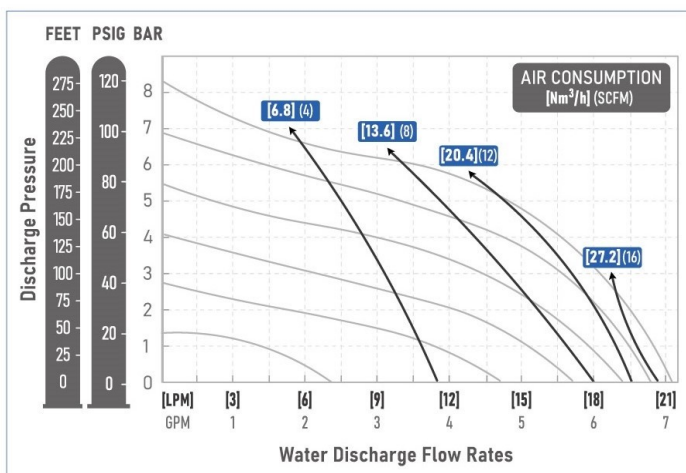
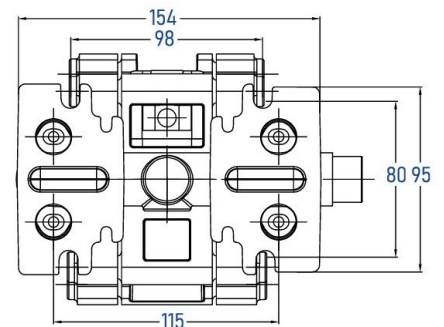
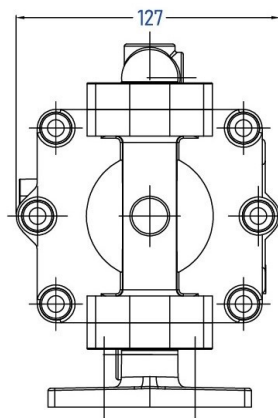
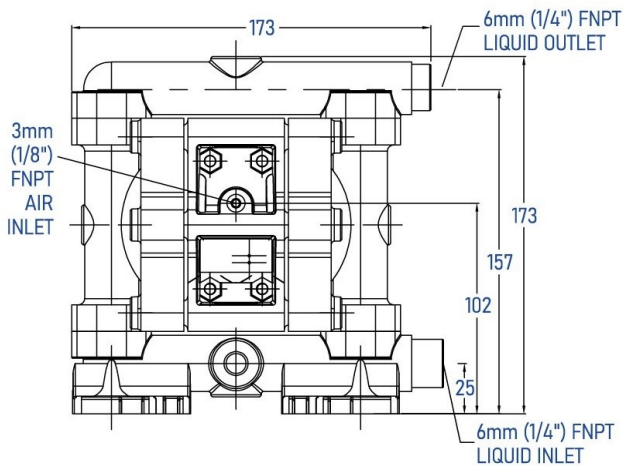
- Rubber diaphragm: 16.7 LPM
- Teflon PTFE: 16.3 LPM
- TP Diaphragm: 16.6 LPM

Max. Suction Lift

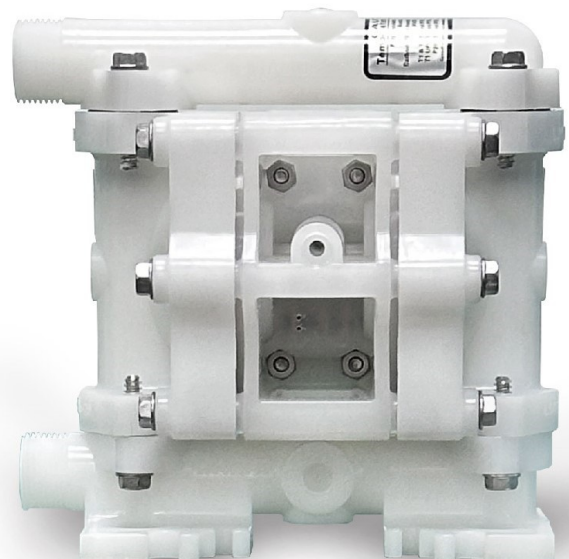
- Rubber: Dry 1.9 M / Wet 9.3 M
- Teflon PTFE: Dry 1.7 M / Wet 9.8 M
- Thermoplastic compound: Dry 1.9 M / Wet 9.3 M

Parameter

- Liquid inlet: 1/4"
- Liquid outlet: 1/4"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 0.7 mm (1/32")



▲ Rubber diaphragm (Medium is water - positive inlet pressure)



GT15 Plastic Pump - Information



► GT15 PLASTIC PUMP

Wetted Part Material

- Wetted part material
- Polypropylene: 4.2 KG
- lyvinylidene fluoride: 5.3 KG

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

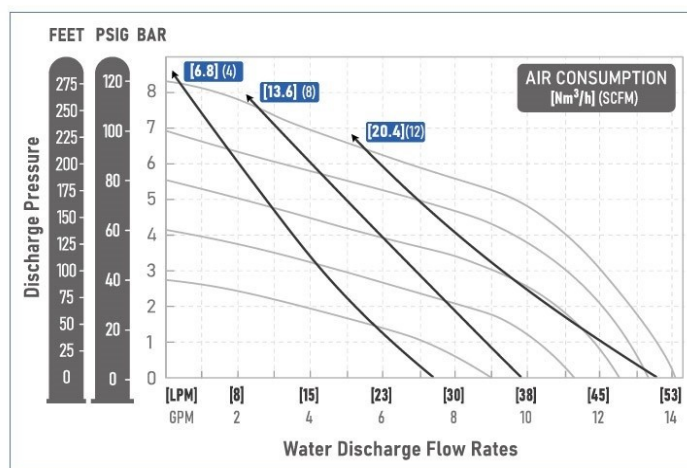
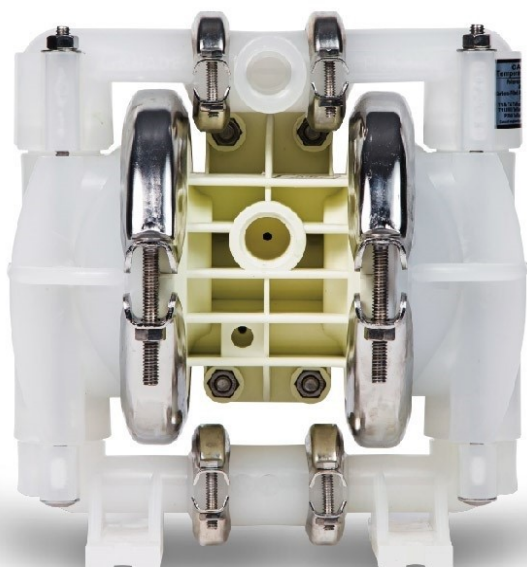
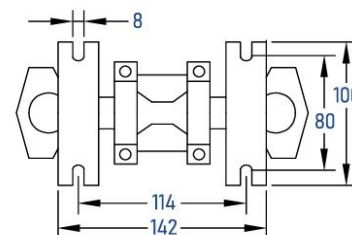
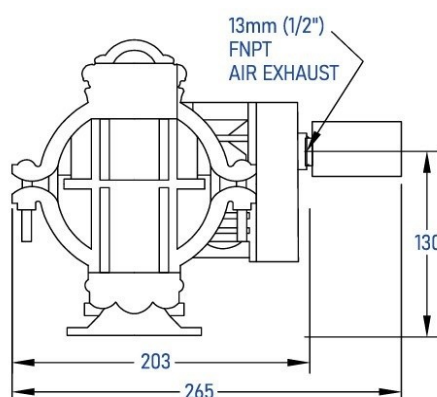
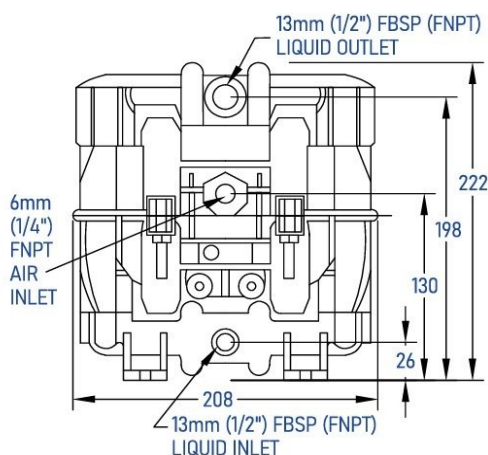
- Rubber diaphragm: 56.8 LPM
- Teflon PTFE: 53.6 LPM
- TP Diaphragm: 57.0 LPM

Max. Suction Lift

- Rubber: Dry 6 M / Wet 9.2 M
- Teflon PTFE: Dry 5.5 M / Wet 9.4 M
- Thermoplastic compound: Dry 5.8 M / Wet 9.5 M

Parameter

- Liquid inlet: 1/2"
- Liquid outlet: 1/2"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 1.6 mm (1/16")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

GT150 Plastic Pump - Information



► GT150 PLASTIC PUMP

Wetted Part Material

- Wetted part material
- Polypropylene: 5.4 KG
- lyvinylidene fluoride: 6.4 KG

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

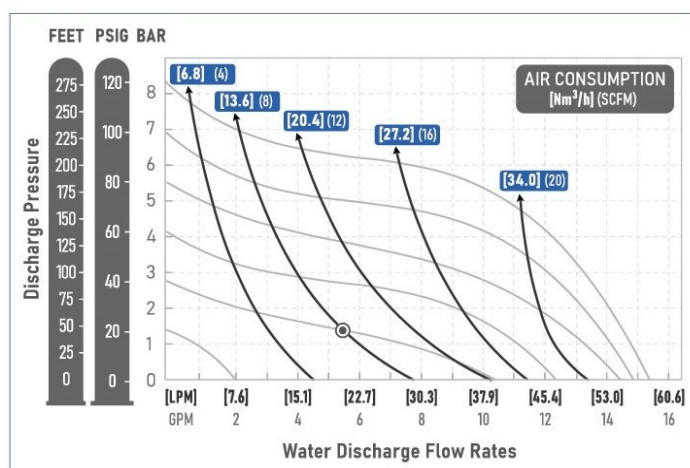
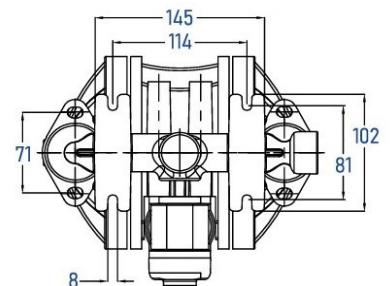
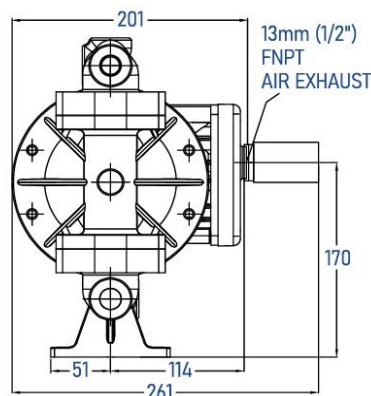
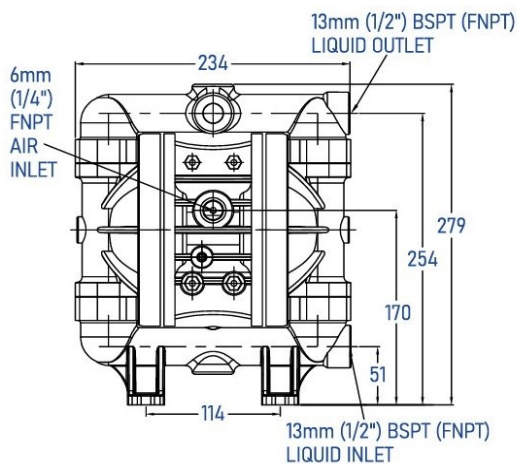
- Rubber diaphragm: 56.0 LPM
- Teflon PTFE: 56.0 LPM
- TP Diaphragm: 56.0 LPM

Max. Suction Lift

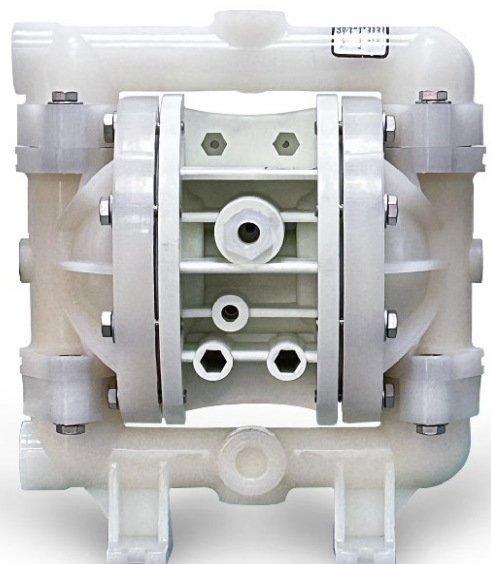
- Rubber: Dry 5.2 M / Wet 8.7 M
- Teflon PTFE: Dry 5.2 M / Wet 8.7 M
- Thermoplastic compound: Dry 5.2 M / Wet 8.7 M

Parameter

- Liquid inlet: 1/2"
- Liquid outlet: 1/2"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 1.6 mm (1/16")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)



GT200 Plastic Pump - Information



► GT200 PLASTIC PUMP

Wetted Part Material

- Wetted part material
- Polypropylene: 13 KG
- Lyvinylidene fluoride: 18 KG

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

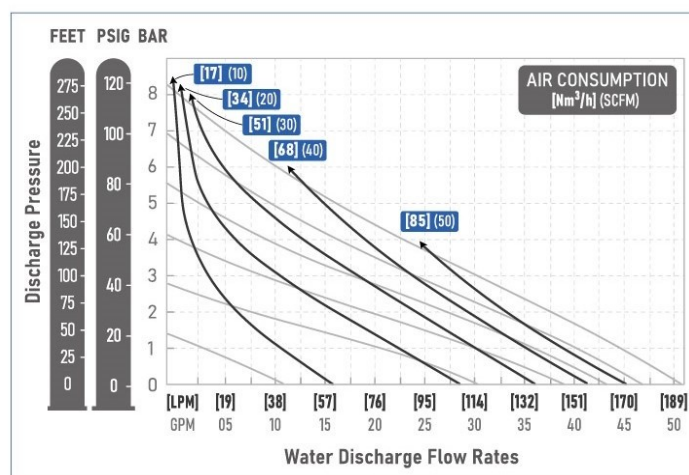
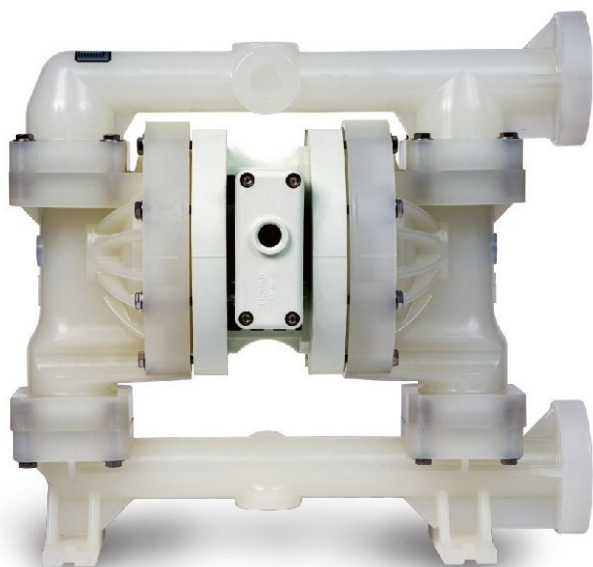
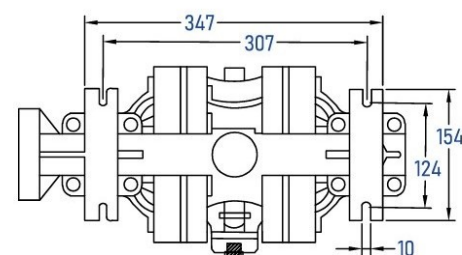
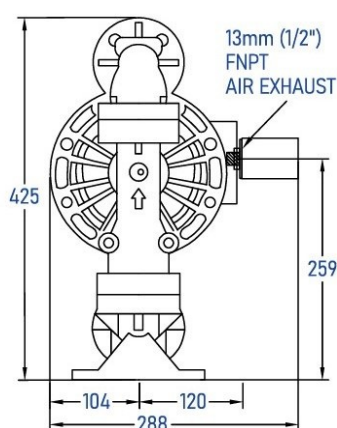
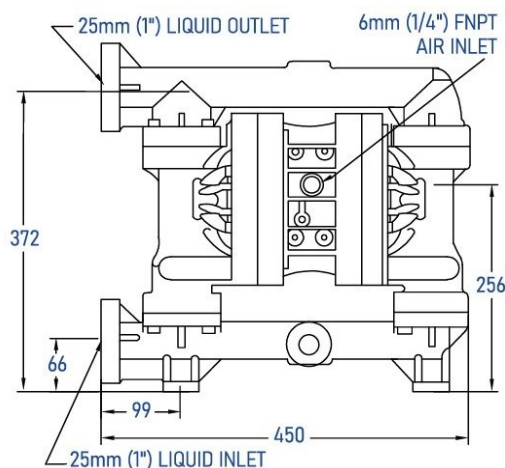
- Rubber diaphragm: 222 LPM
- Teflon PTFE: 179 LPM
- TP Diaphragm: 216 LPM

Max. Suction Lift

- Rubber: Dry 3.1 M / Wet 9.1 M
- Teflon PTFE: Dry 2.4 M / Wet 9.4 M
- Thermoplastic compound: Dry 3.6 M / Wet 9.8 M

Parameter

- Liquid inlet: 1"
- Liquid outlet: 1"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 4.76 mm (3/16")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

► GT400 PLASTIC PUMP

Wetted Part Material

- Wetted part material
- Polypropylene: 19 KG
- lyvinilidene fluoride: 27.5 KG

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

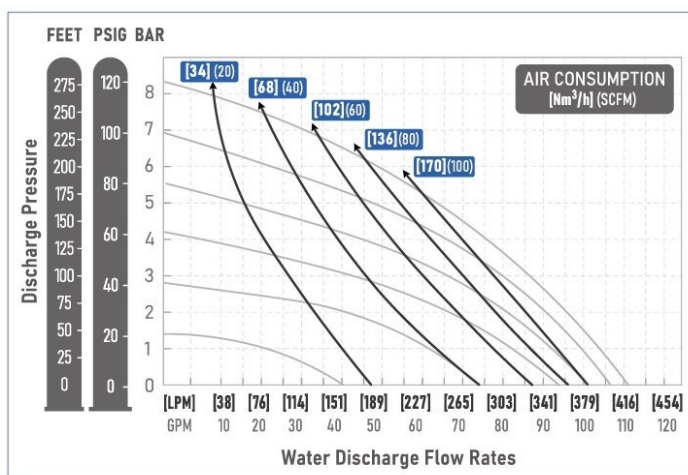
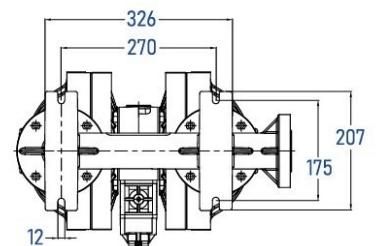
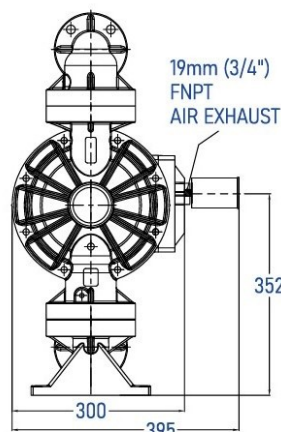
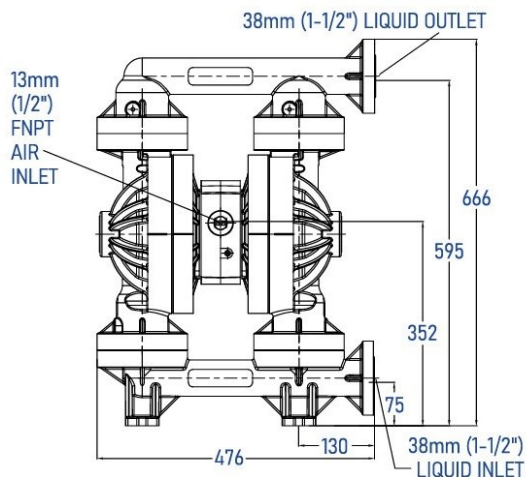
- Rubber diaphragm: 455 LPM
- Teflon PTFE: 352 LPM
- TP Diaphragm: 454 LPM

Max. Suction Lift

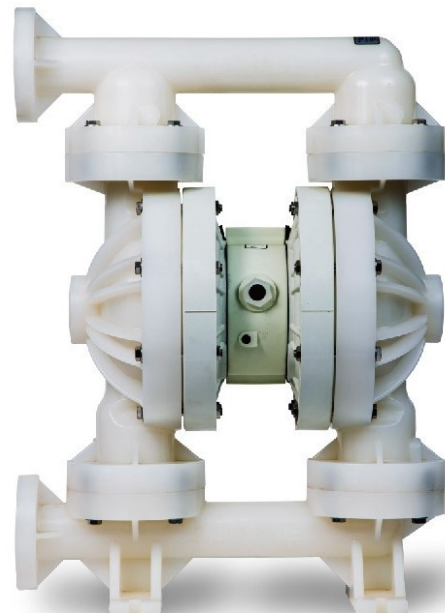
- Rubber: Dry 5.1 M / Wet 9.0 M
- Teflon PTFE: Dry 4.0 M / Wet 9.7 M
- Thermoplastic compound: Dry 4.8 M / Wet 9.5 M

Parameter

- Liquid inlet: 1-1/2"
- Liquid outlet: 1-1/2"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)



GT500 Plastic Pump - Information



GT500 PLASTIC PUMP

Wetted Part Material

- Wetted part material
- Polypropylene: 32 KG
- lyvinylidene fluoride: 45 KG

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

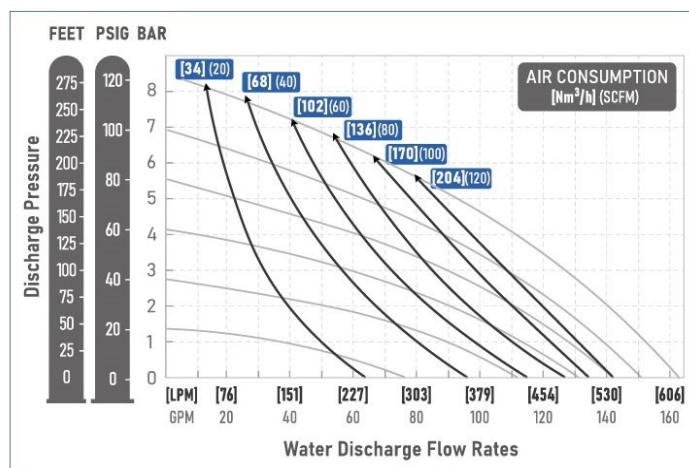
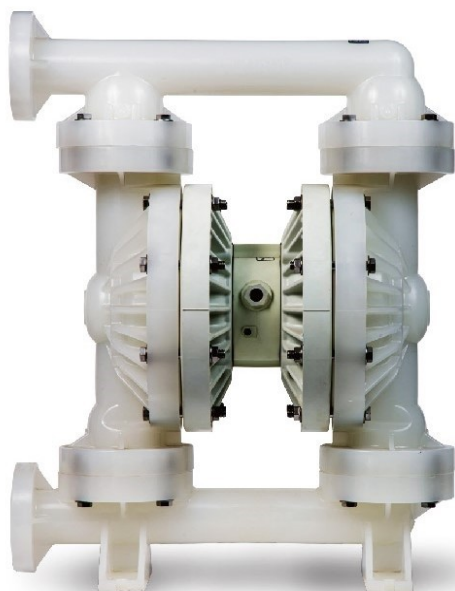
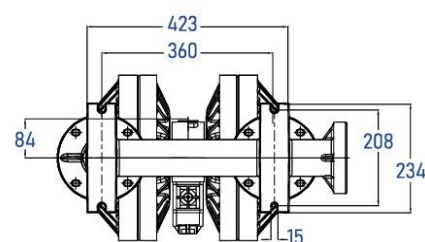
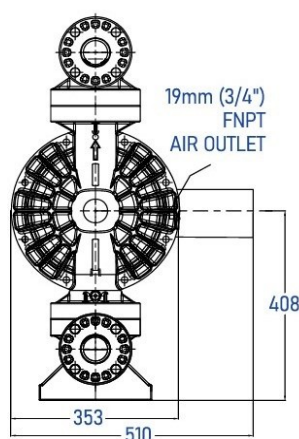
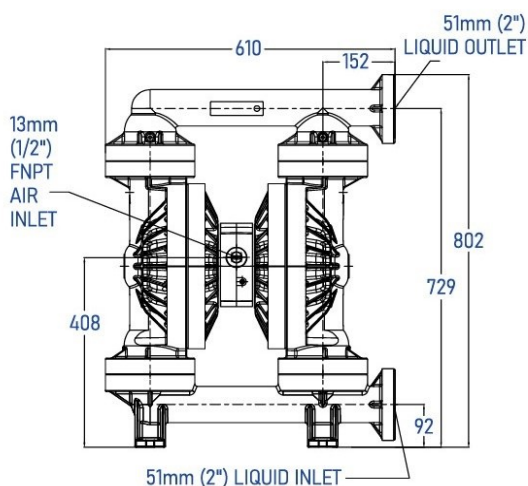
- Rubber diaphragm: 625 LPM
- Teflon PTFE: 615 LPM
- TP Diaphragm: 620 LPM

Max. Suction Lift

- Rubber: Dry 6.3 M / Wet 8.7 M
- Teflon PTFE: Dry 4.6 M / Wet 8.8 M
- Thermoplastic compound: Dry 5.5 M / Wet 9 M

Parameter

- Liquid inlet: 2"
- Liquid outlet: 2"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

GT800 Plastic Pump - Information



► GT800 PLASTIC PUMP

Wetted Part Material

- Wetted part material
- Polypropylene: 95 KG
- Lyvinylidene fluoride: 127 KG

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

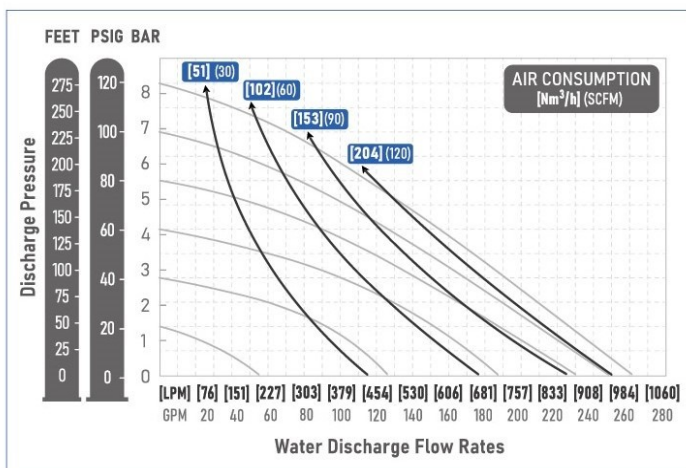
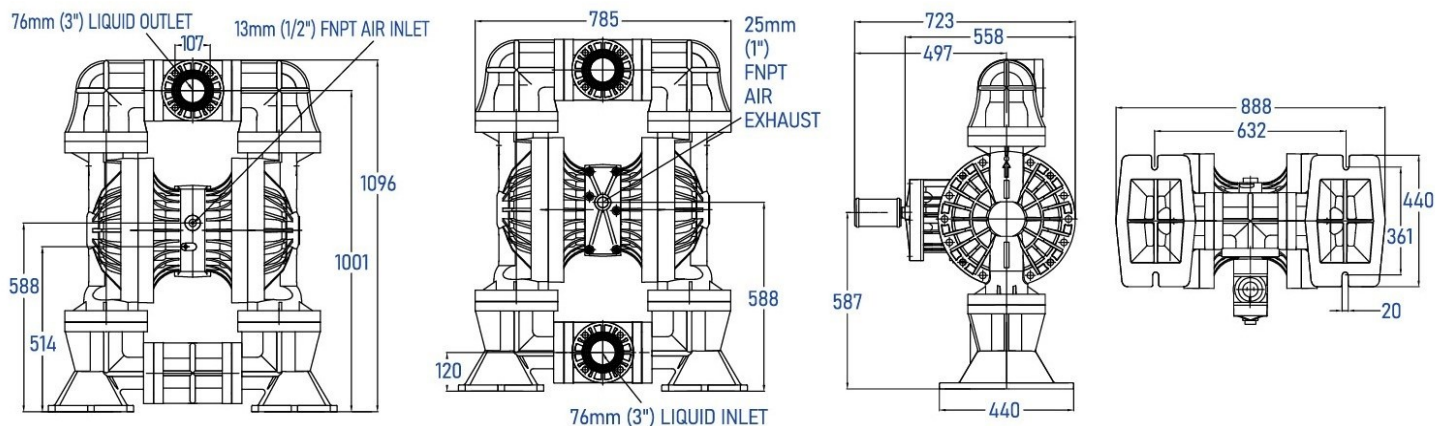
- Rubber diaphragm: 1049 LPM
- Teflon PTFE: 920 LPM
- TP Diaphragm: 1049 LPM

Max. Suction Lift

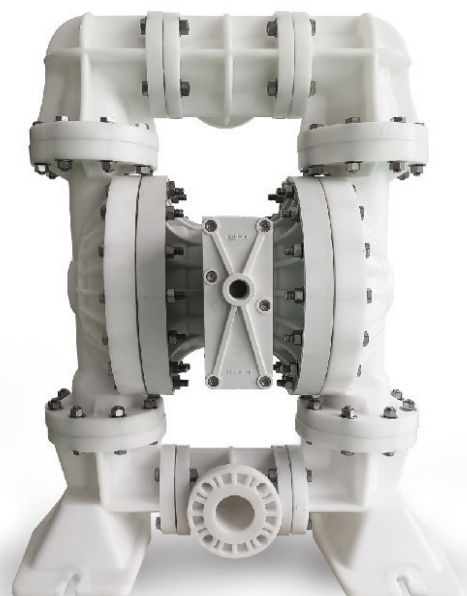
- Rubber: Dry 6.1 M / Wet 9 M
- Teflon PTFE: Dry 5.8 M / Wet 8.9 M
- Thermoplastic compound: Dry 6.3 M / Wet 9.4 M

Parameter

- Liquid inlet: 3"
- Liquid outlet: 3"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 12.7 mm (1/2")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)



**METAL
PUMP**



GT15 Metal Pump - Information



GT15 METAL PUMP

Wetted Part Material

- Wetted part material
- Aluminum alloy: 6 KG (ATEX Option)
- Stainless steel: 8.8 KG (ATEX Option)

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

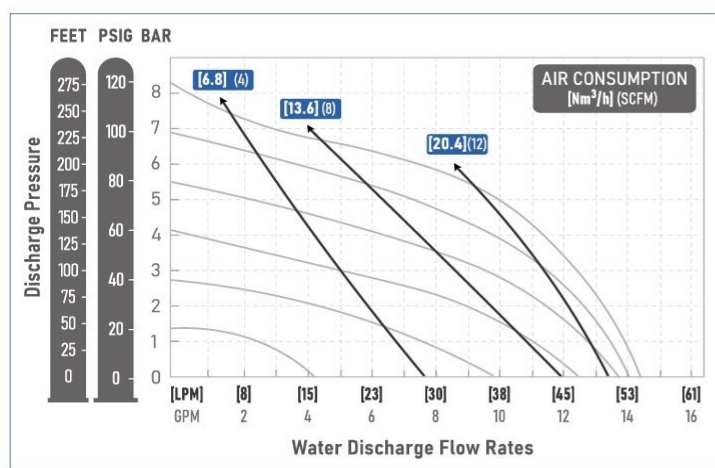
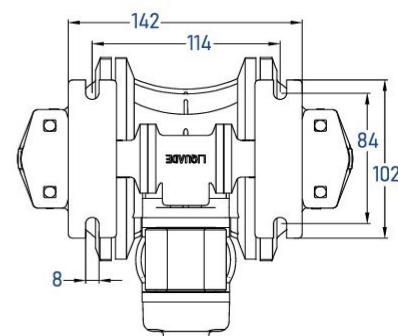
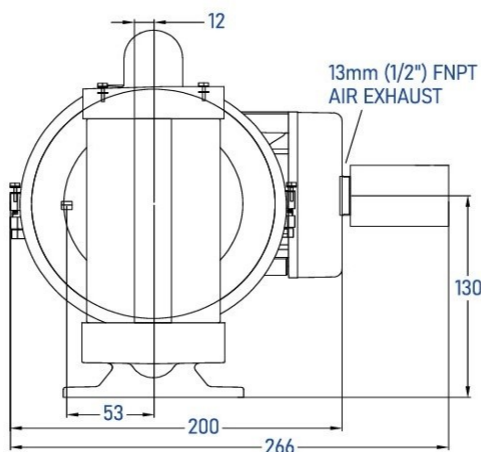
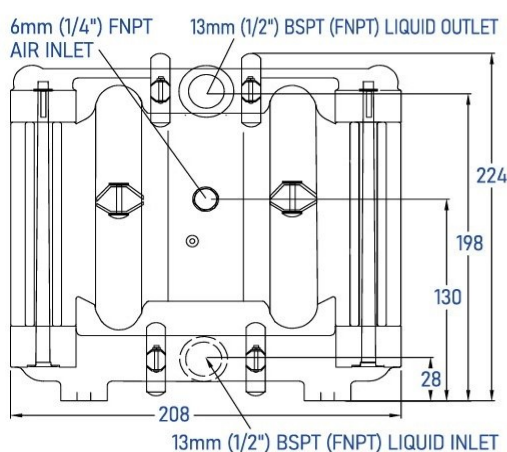
- Rubber diaphragm: 59 LPM
- Teflon PTFE: 54 LPM
- TP Diaphragm: 57 LPM

Max. Suction Lift

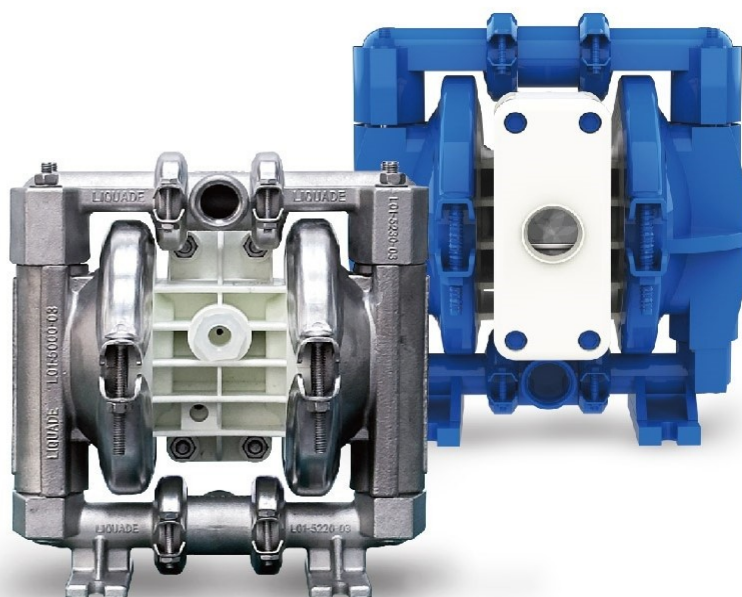
- Rubber: Dry 5.8 M / Wet 9.2 M
- Teflon PTFE: Dry 5.0 M / Wet 9.5 M
- Thermoplastic compound: Dry 5.2 M / Wet 9.5 M

Parameter

- Liquid inlet: 1/2"
- Liquid outlet: 1/2"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 1.6 mm (1/16")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)



GT20 Metal Pump - Information



► GT20 METAL PUMP

Wetted Part Material

- Wetted part material
- Aluminum alloy: 9 KG (ATEX Option)
- Stainless steel: 17 KG (ATEX Option)

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

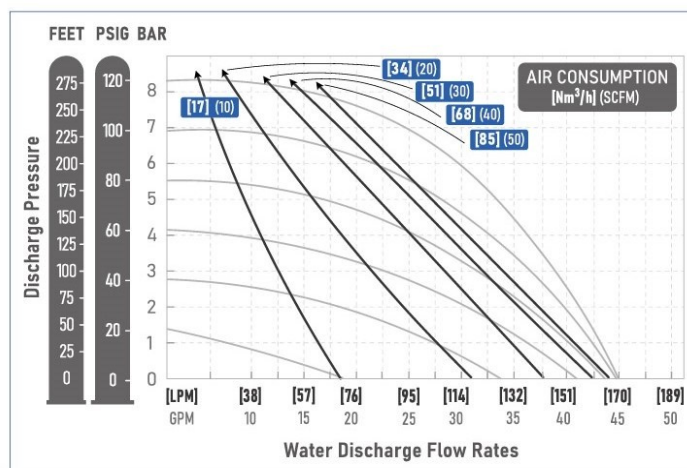
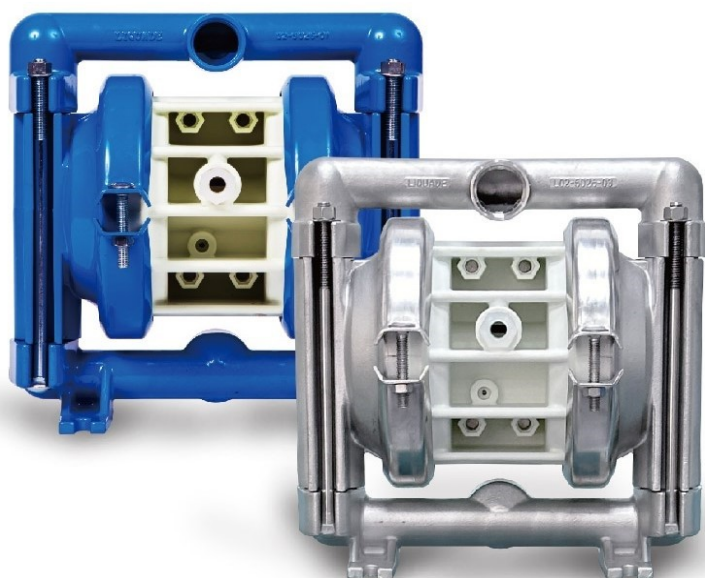
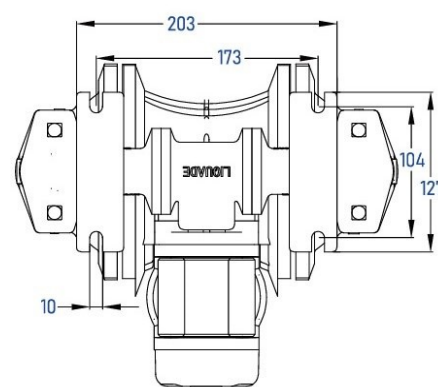
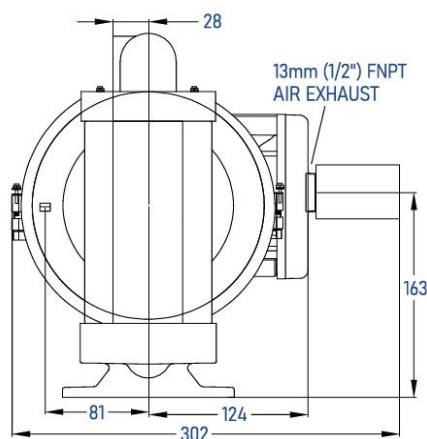
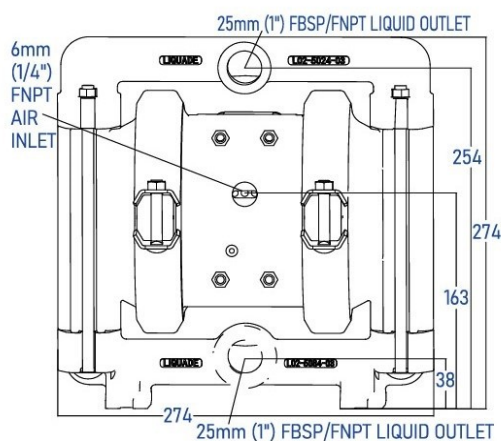
- Rubber diaphragm: 175 LPM
- Teflon PTFE: 159 LPM
- TP Diaphragm: 172 LPM

Max. Suction Lift

- Rubber: Dry 5.2 M / Wet 9 M
- Teflon PTFE: Dry 2.8 M / Wet 9 M
- Thermoplastic compound: Dry 7.6 M / Wet 9 M

Parameter

- Liquid inlet: 1"
- Liquid outlet: 1"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 3.2 mm (1/8")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

GT40 Metal Pump - Information



► GT40 METAL PUMP

Wetted Part Material

- Wetted part material
- Aluminum alloy: 13.5 KG (ATEX Option)
- Stainless steel: 20 KG (ATEX Option)

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

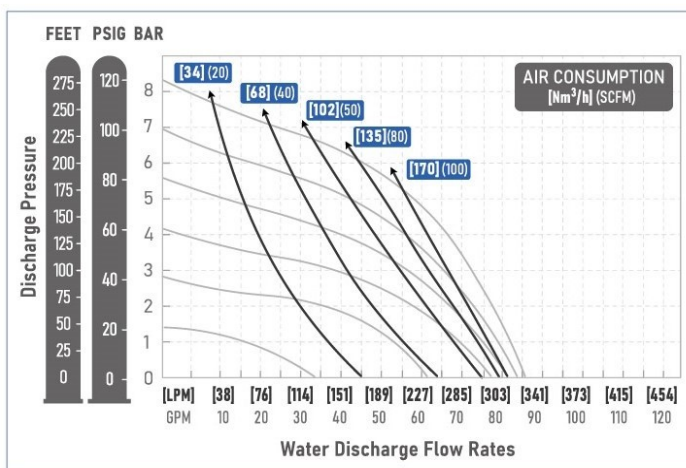
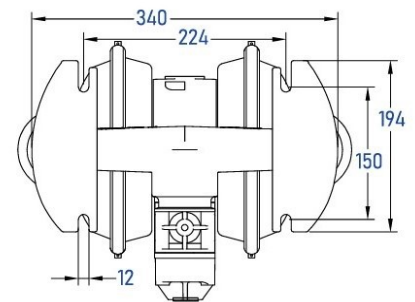
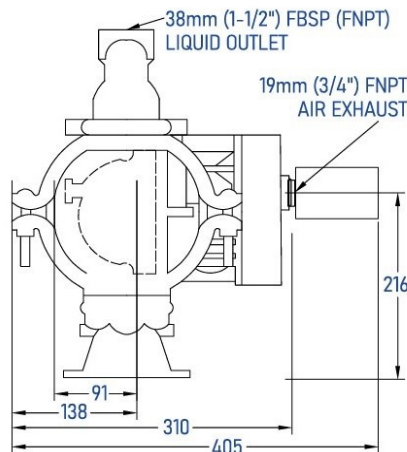
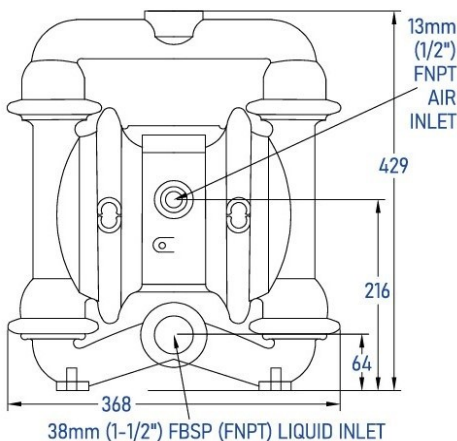
- Rubber diaphragm: 297 LPM
- Teflon PTFE: 293 LPM
- TP Diaphragm: 318 LPM

Max. Suction Lift

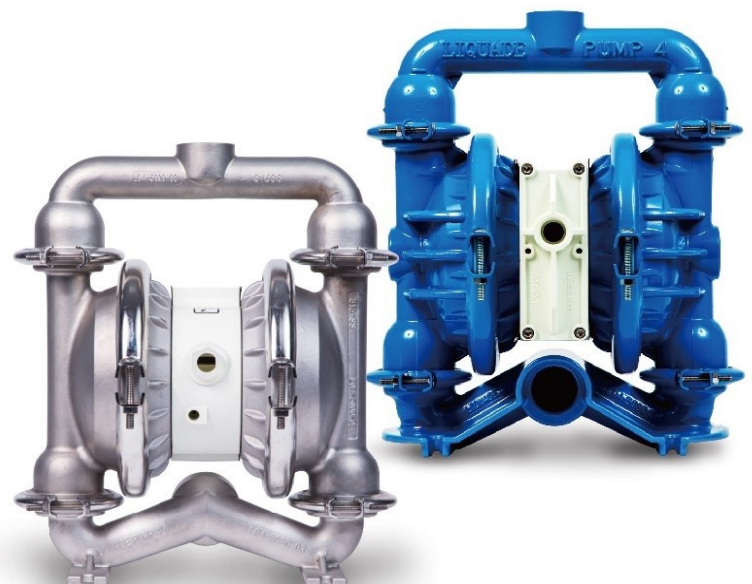
- Rubber: Dry 5 M / Wet 8.8 M
- Teflon PTFE: Dry 4.1 M / Wet 8.9 M
- Thermoplastic compound: Dry 5.4 M / Wet 9.1 M

Parameter

- Liquid inlet: 1.5"
- Liquid outlet: 1.5"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 4.8 mm (3/16")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)



GT50 Metal Pump – Stainless steel - Information



► GT50 METAL PUMP — Stainless steel

Wetted Part Material

- Wetted part material
- Stainless steel: 51 KG (ATEX Option)

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

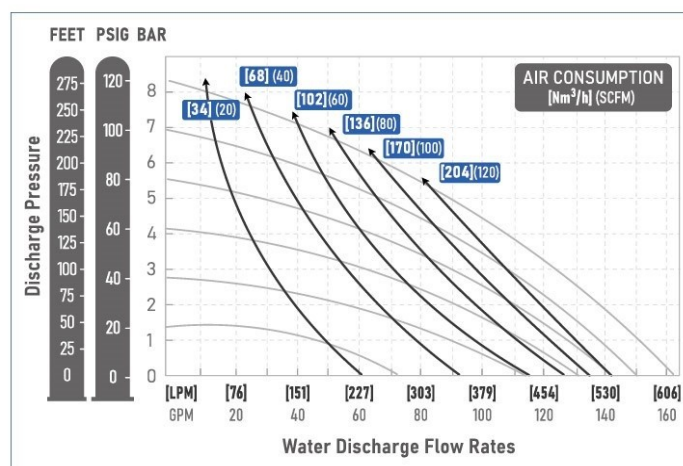
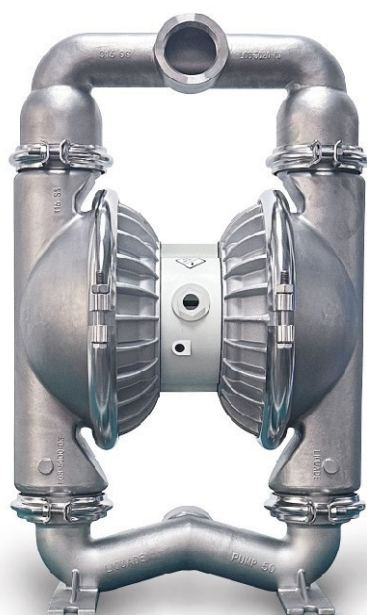
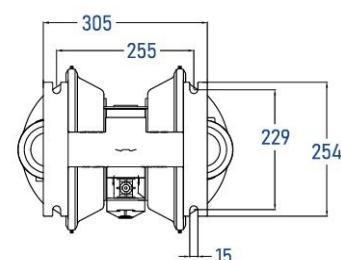
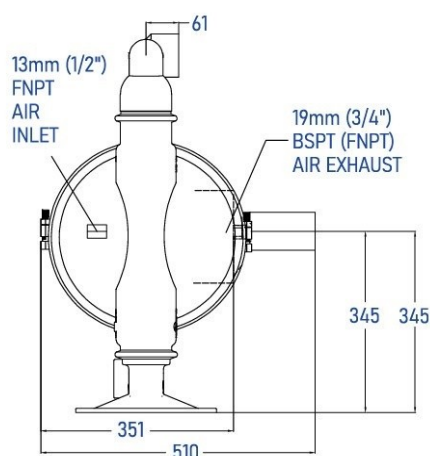
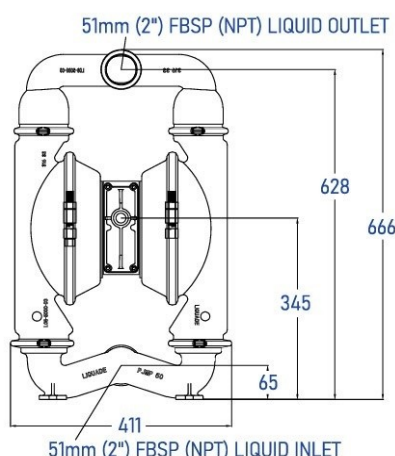
- Rubber diaphragm: 623 LPM
- Teflon PTFE: 618 LPM
- TP Diaphragm: 635 LPM

Max. Suction Lift

- Rubber: Dry 7 M / Wet 8.8 M
- Teflon PTFE: Dry 6.7 M / Wet 9.0 M
- Thermoplastic compound: Dry 6.8 M / Wet 9.3 M

Parameter

- Liquid inlet: 2"
- Liquid outlet: 2"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

GT50 Metal Pump - Aluminum - Information



► GT50 METAL PUMP — Aluminum

Wetted Part Material

- Wetted part material
- Aluminum alloy: 33 KG (ATEX Option)

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

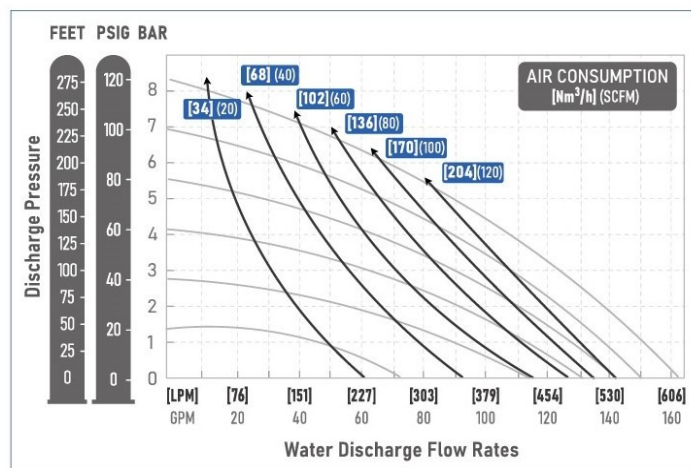
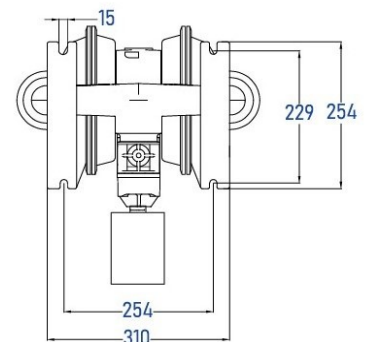
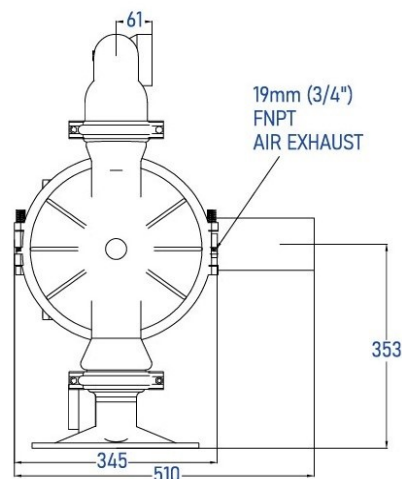
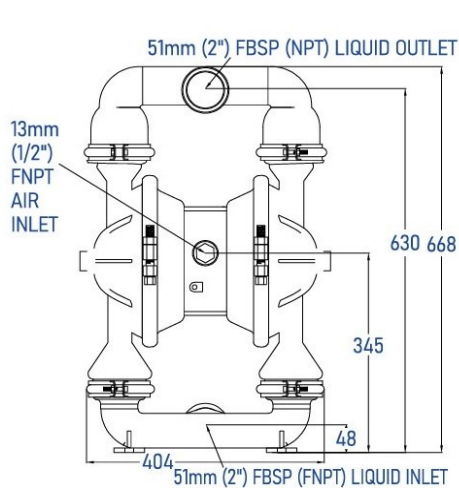
- Rubber diaphragm: 623 LPM
- Teflon PTFE: 618 LPM
- TP Diaphragm: 635 LPM

Max. Suction Lift

- Rubber: Dry 7 M / Wet 8.8 M
- Teflon PTFE: Dry 6.7 M / Wet 9.0 M
- Thermoplastic compound: Dry 6.8 M / Wet 9.3 M

Parameter

- Liquid inlet: 2"
- Liquid outlet: 2"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)



GT80 Metal Pump – Stainless steel - Information



► GT80 METAL PUMP — Stainless steel

Wetted Part Material

- Wetted part material
- Stainless steel: 90 KG (ATEX Option)

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

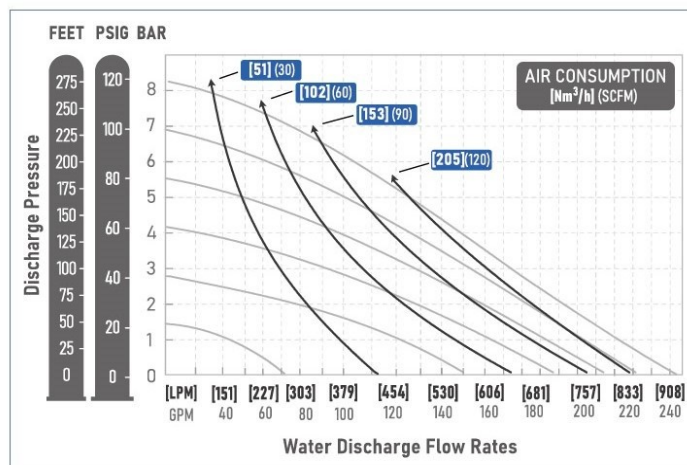
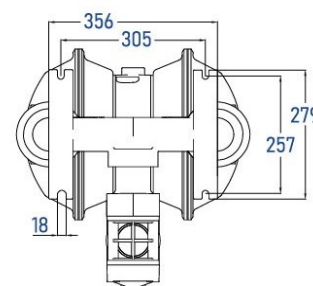
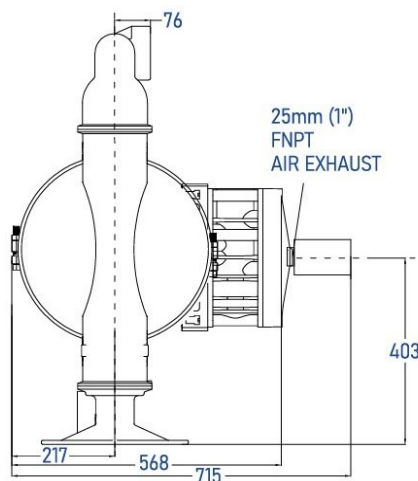
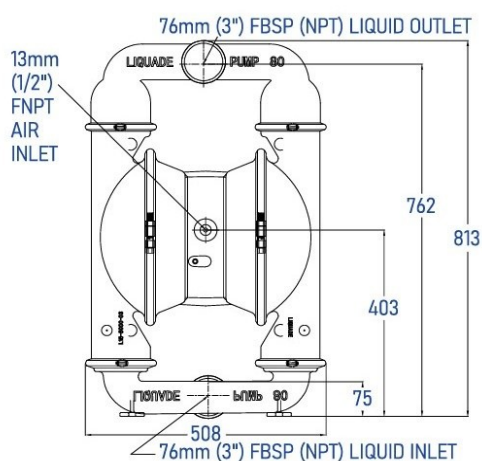
- Rubber diaphragm: 931 LPM
- Teflon PTFE: 917 LPM
- TP Diaphragm: 905 LPM

Max. Suction Lift

- Rubber: Dry 6.6 M / Wet 8.6 M
- Teflon PTFE: Dry 6.2 M / Wet 8.4 M
- Thermoplastic compound: Dry 6.3 M / Wet 8.9 M

Parameter

- Liquid inlet: 3"
- Liquid outlet: 3"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 9.5 mm (3/10")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

► GT80 METAL PUMP — Aluminum

Wetted Part Material

- Wetted part material
- Aluminum alloy: 62 KG (ATEX Option)

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

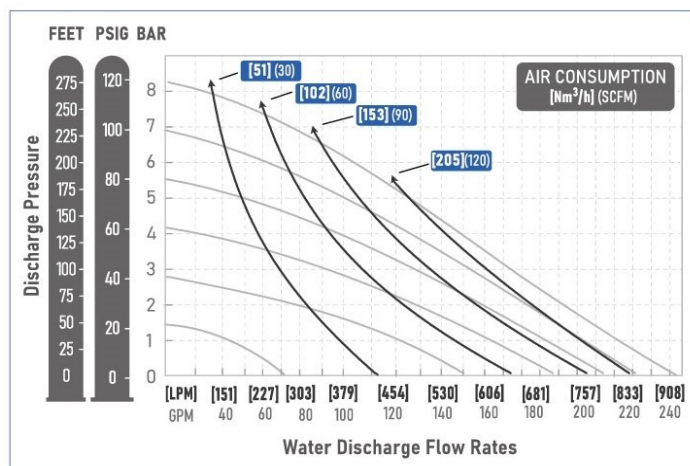
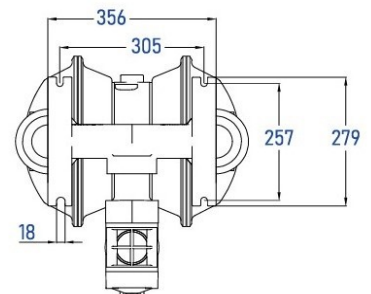
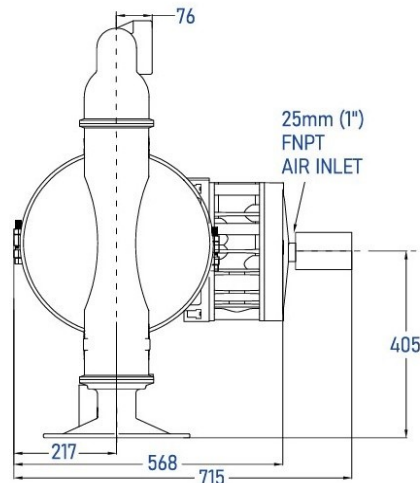
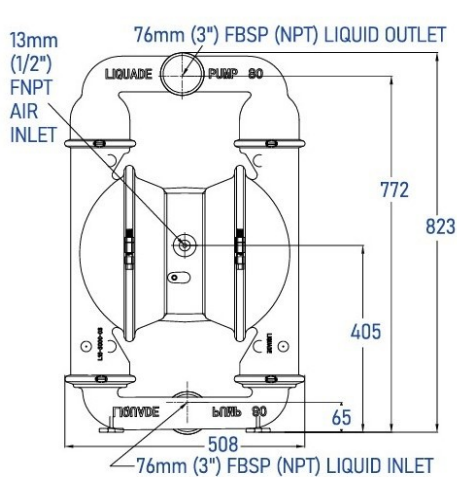
- Rubber diaphragm: 931 LPM
- Teflon PTFE: 917 LPM
- TP Diaphragm: 905 LPM

Max. Suction Lift

- Rubber: Dry 6.6 M / Wet 8.6 M
- Teflon PTFE: Dry 6.2 M / Wet 8.4 M
- Thermoplastic compound: Dry 6.3 M / Wet 8.9 M

Parameter

- Liquid inlet: 3"
- Liquid outlet: 3"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 9.5 mm (3/10")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)



GT200 Metal Pump – Stainless steel flange- Information



► GT200 METAL PUMP — Stainless steel flange

Wetted Part Material

- Wetted part material
- Stainless steel flange: 24.3 KG (ATEX Option)

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

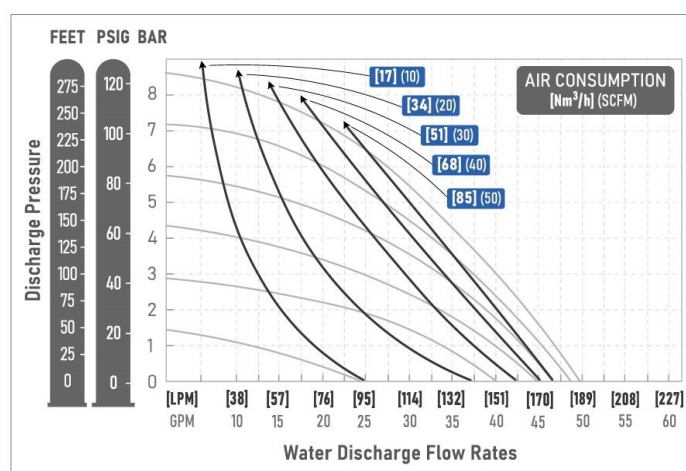
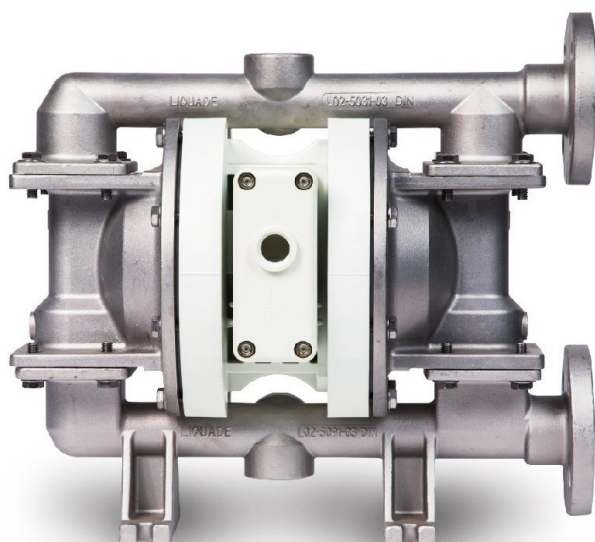
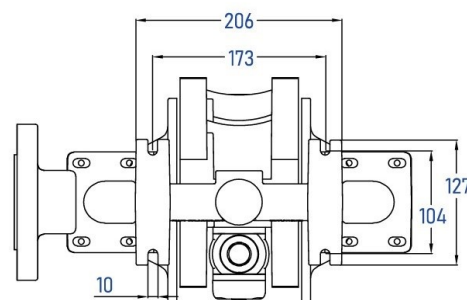
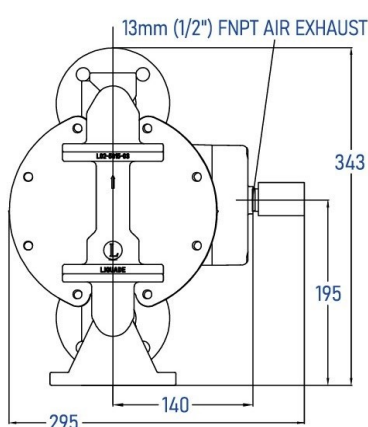
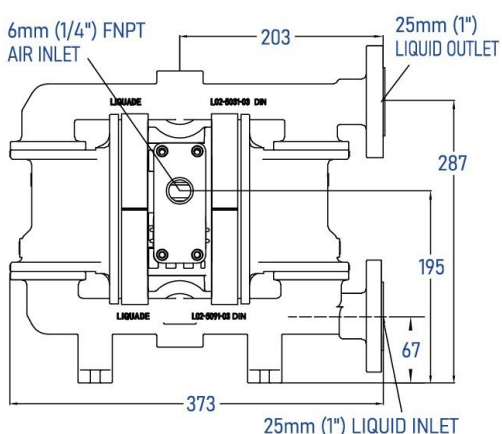
- Rubber diaphragm: 212 LPM
- Teflon PTFE: 185 LPM
- TP Diaphragm: 212 LPM

Max. Suction Lift

- Rubber: Dry 5.4 M / Wet 9.3 M
- Teflon PTFE: Dry 5.5 M / Wet 9.1 M
- Thermoplastic compound: Dry 4.8 M / Wet 9.3 M

Parameter

- Liquid inlet: 1"
- Liquid outlet: 1"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

► GT200 METAL PUMP — Stainless steel thread

Wetted Part Material

- Wetted part material
- Stainless steel thread: 22.4 KG (ATEX Option)

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

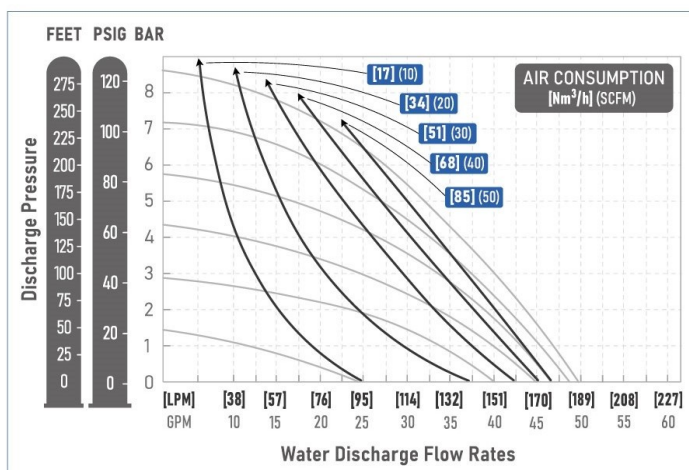
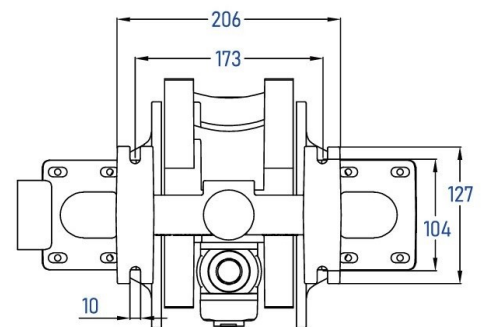
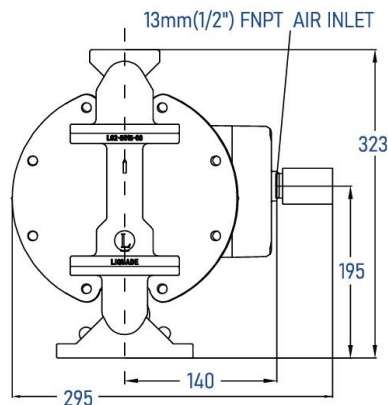
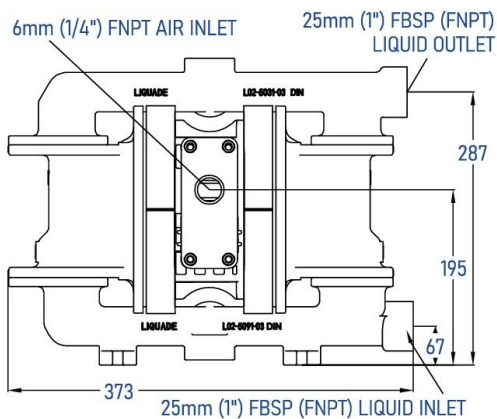
- Rubber diaphragm: 212 LPM
- Teflon PTFE: 185 LPM
- TP Diaphragm: 212 LPM

Max. Suction Lift

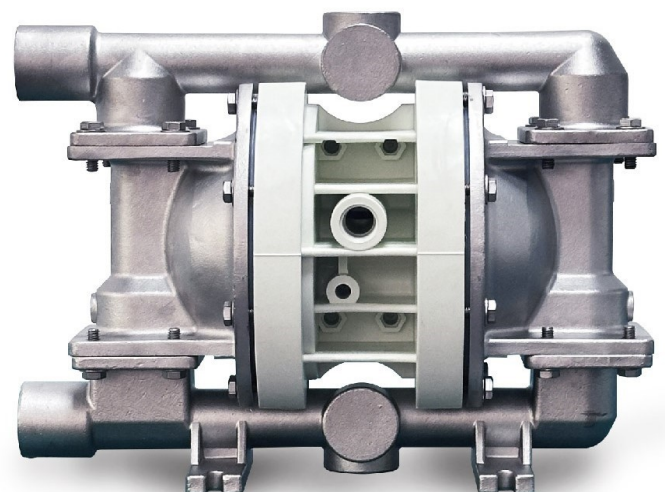
- Rubber: Dry 5.4 M / Wet 9.3 M
- Teflon PTFE: Dry 5.5 M / Wet 9.1 M
- Thermoplastic compound: Dry 4.8 M / Wet 9.3 M

Parameter

- Liquid inlet: 1"
- Liquid outlet: 1"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Rubber diaphragm (Medium is water - positive inlet pressure)



GT200 Metal Pump – Aluminum thread - Information



► GT200 METAL PUMP — Aluminum thread

Wetted Part Material

- Wetted part material
- Aluminum alloy: 11.2 KG (ATEX Option)

Max. Flow Rate

- Rubber diaphragm: 212 LPM
- Teflon PTFE: 185 LPM
- TP Diaphragm: 214 LPM

Diaphragm Material

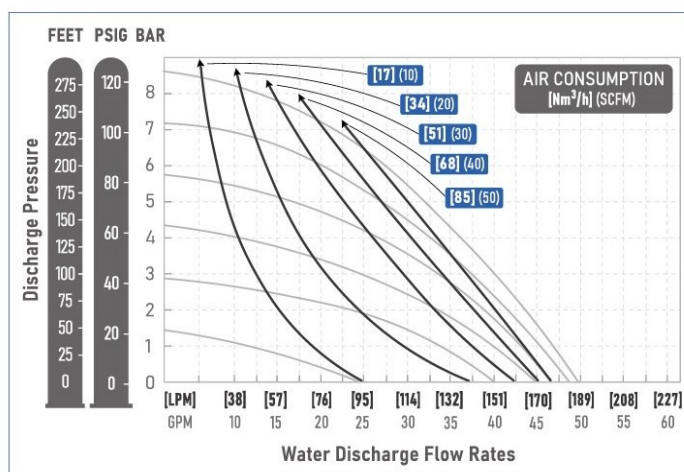
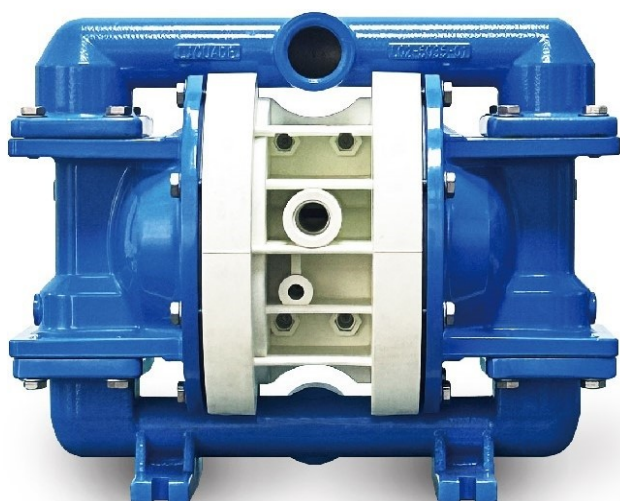
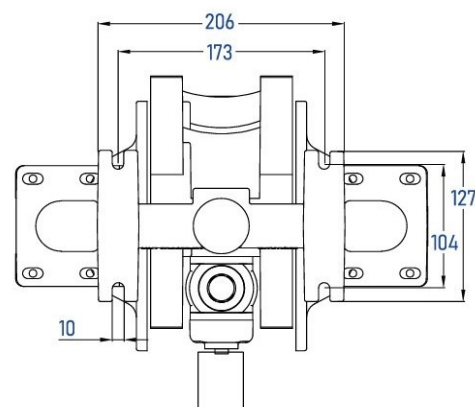
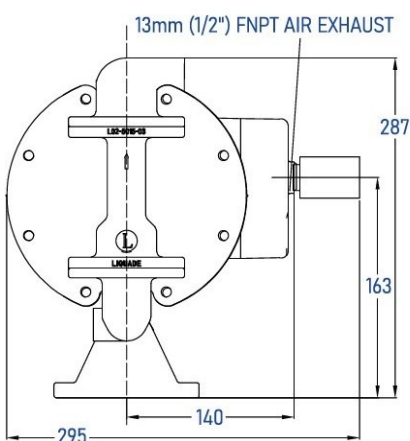
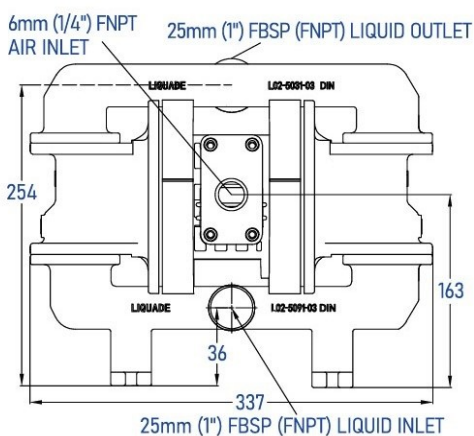
- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Suction Lift

- Rubber: Dry 5.4 M / Wet 9.3 M
- Teflon PTFE: Dry 5.5 M / Wet 9.1 M
- Thermoplastic compound: Dry 4.8 M / Wet 9.3 M

Parameter

- Liquid inlet: 1"
- Liquid outlet: 1"
- Air inlet: 1/4"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

► GT400 METAL PUMP — Aluminum thread

Wetted Part Material

- Wetted part material
- Aluminum alloy: 20 KG (ATEX Option)

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

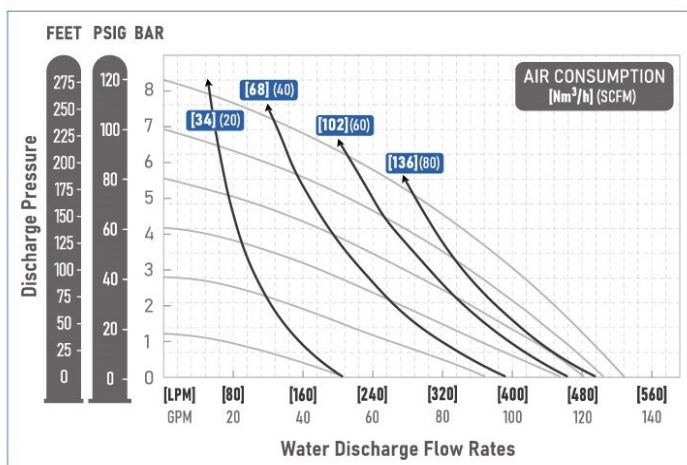
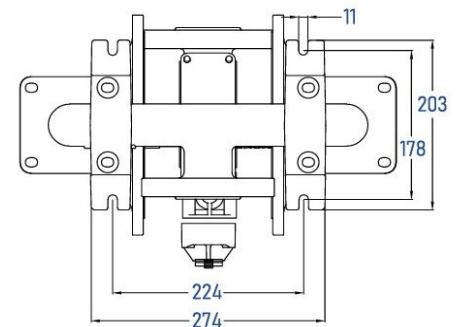
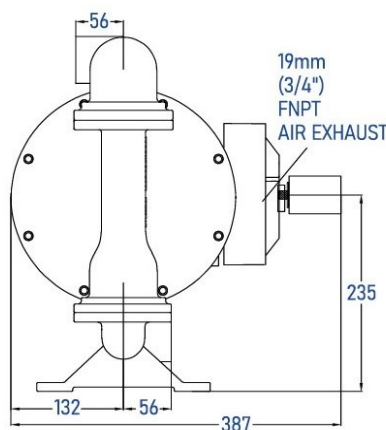
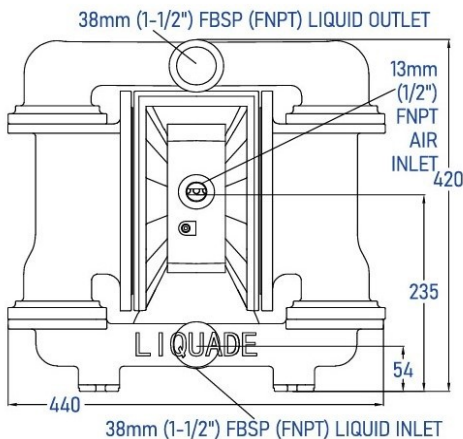
- Rubber diaphragm: 498 LPM
- Teflon PTFE: 480 LPM
- TP Diaphragm: 492 LPM

Max. Suction Lift

- Rubber: Dry 5.5 M / Wet 9 M
- Teflon PTFE: Dry 5.3 M / Wet 1 M
- Thermoplastic compound: Dry 5.3 M / Wet 9.3 M

Parameter

- Liquid inlet: 1.5"
- Liquid outlet: 1.5"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Rubber diaphragm (Medium is water - positive inlet pressure)



► GT400 METAL PUMP — Stainless steel flange

Wetted Part Material

- Wetted part material
- Stainless steel flange: 39 KG (ATEX Option)

Max. Flow Rate

- Rubber diaphragm: 498 LPM
- Teflon PTFE: 480 LPM
- TP Diaphragm: 492 LPM

Diaphragm Material

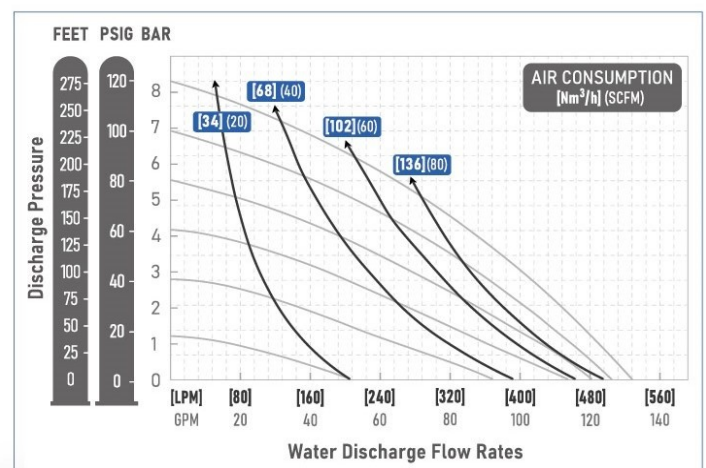
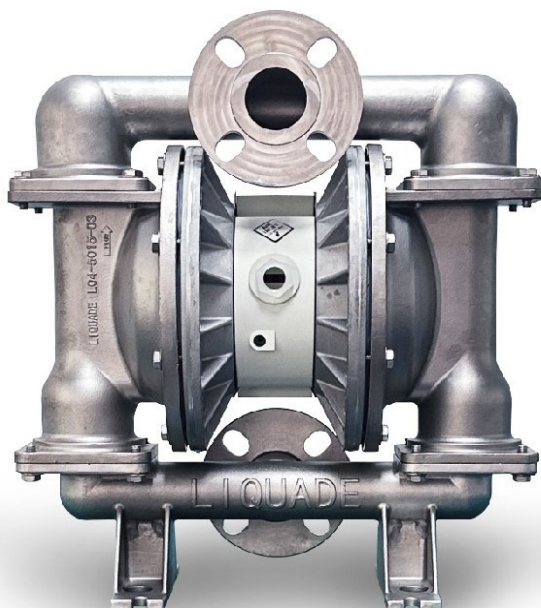
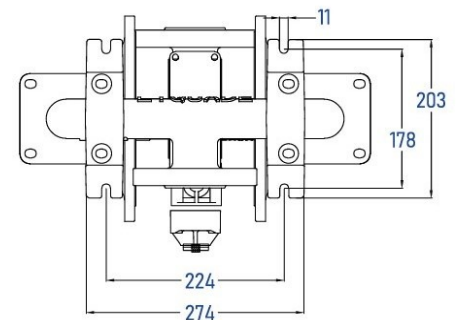
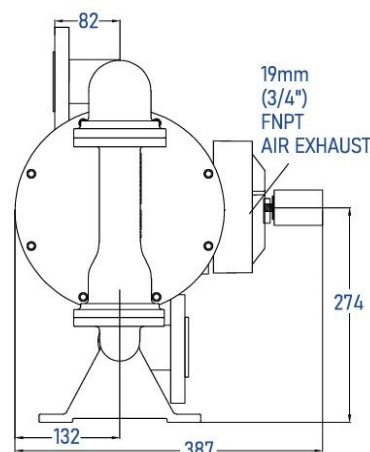
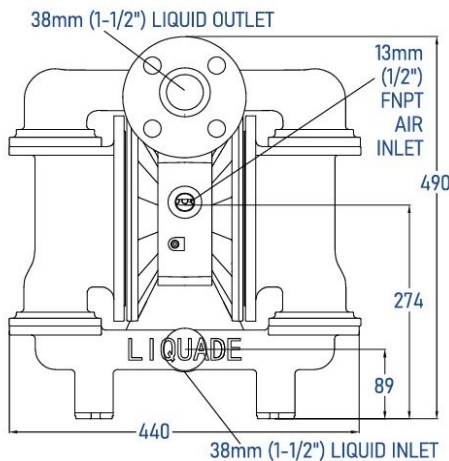
- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Suction Lift

- Rubber: Dry 5.5 M / Wet 9 M
- Teflon PTFE: Dry 5.3 M / Wet 1 M
- Thermoplastic compound: Dry 5.0 M / Wet 9 M

Parameter

- Liquid inlet: 1.5"
- Liquid outlet: 1.5"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

► GT400 METAL PUMP — Stainless steel thread

Wetted Part Material

- Wetted part material
- Stainless steel thread: 35 KG (ATEX Option)

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

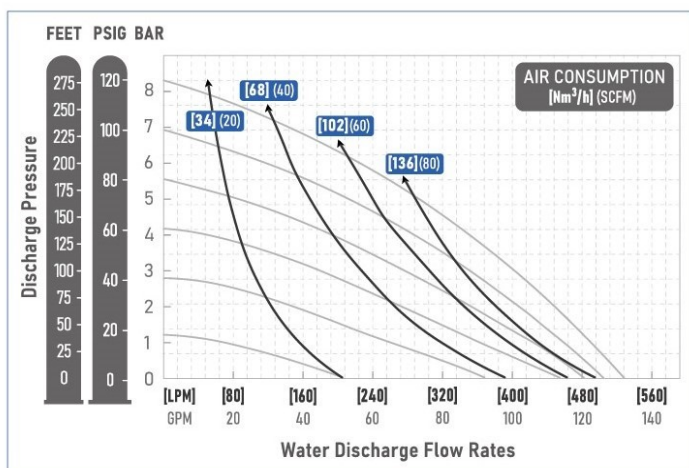
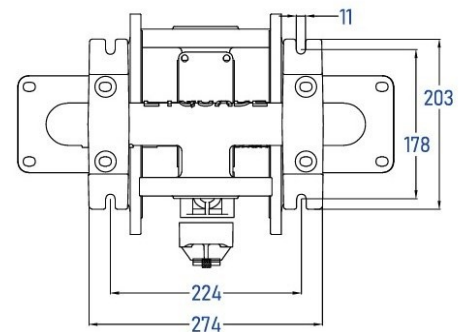
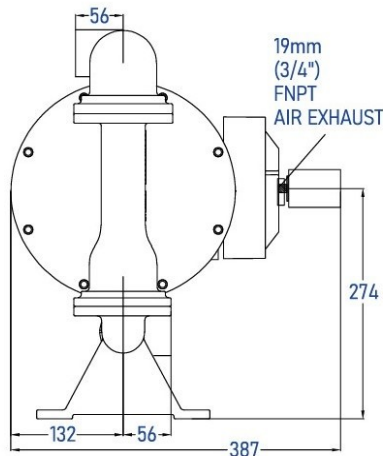
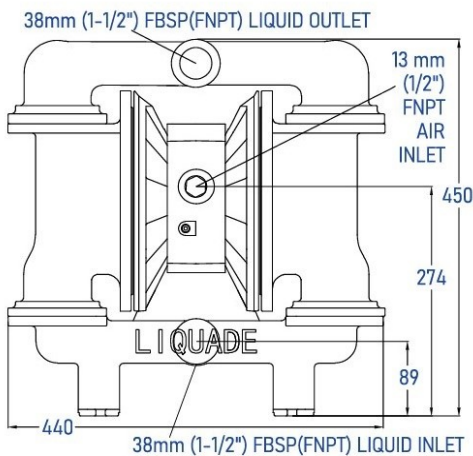
- Rubber diaphragm: 498 LPM
- Teflon PTFE: 480 LPM
- TP Diaphragm: 492 LPM

Max. Suction Lift

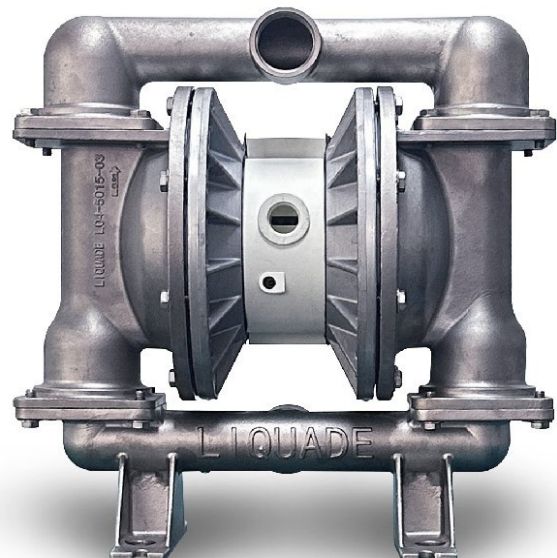
- Rubber: Dry 5.5 M / Wet 9 M
- Teflon PTFE: Dry 5.3 M / Wet 1 M
- Thermoplastic compound: Dry 5.0 M / Wet 9 M

Parameter

- Liquid inlet: 1.5"
- Liquid outlet: 1.5"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Rubber diaphragm (Medium is water - positive inlet pressure)



GT500 Metal Pump – Stainless steel flange - Information



► GT500 METAL PUMP — Stainless steel flange

Wetted Part Material

- Wetted part material
- Stainless steel flange: 81 KG (ATEX Option)

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

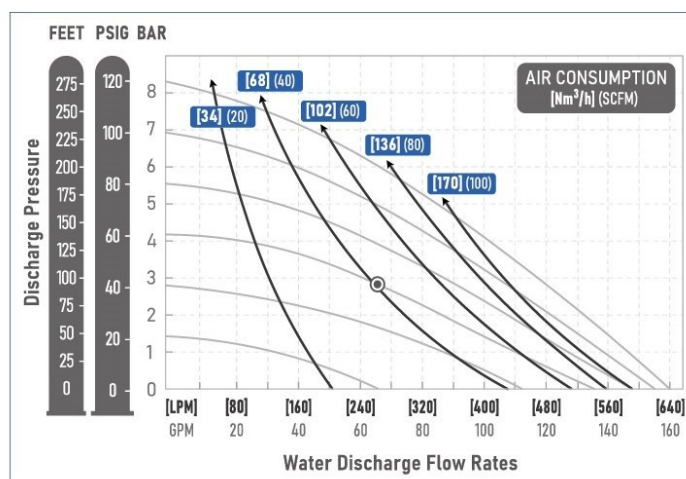
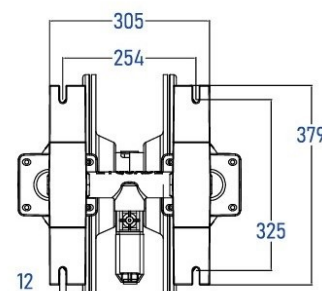
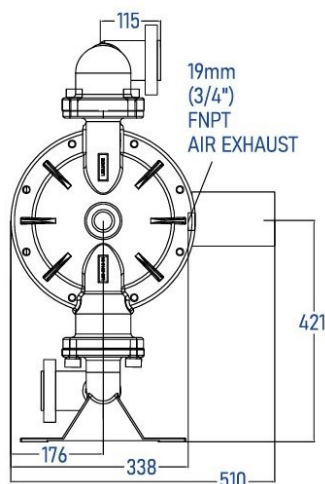
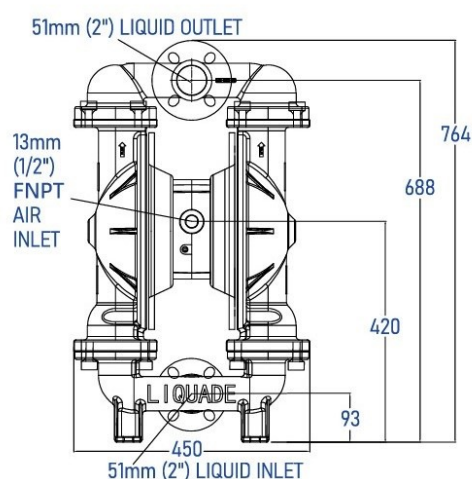
- Rubber diaphragm: 611 LPM
- Teflon PTFE: 598 LPM
- TP Diaphragm: 609 LPM

Max. Suction Lift

- Rubber: Dry 7.4 M / Wet 9 M
- Teflon PTFE: Dry 7.0 M / Wet 9 M
- Thermoplastic compound: Dry 7.4 M / Wet 9 M

Parameter

- Liquid inlet: 2"
- Liquid outlet: 2"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

► GT500 METAL PUMP — Stainless steel thread

Wetted Part Material

- Wetted part material
- Stainless steel thread: 73 KG (ATEX Option)

Diaphragm Material

- Teflon
- Santoprene
- EPDM
- NBR
- Viton

Max. Flow Rate

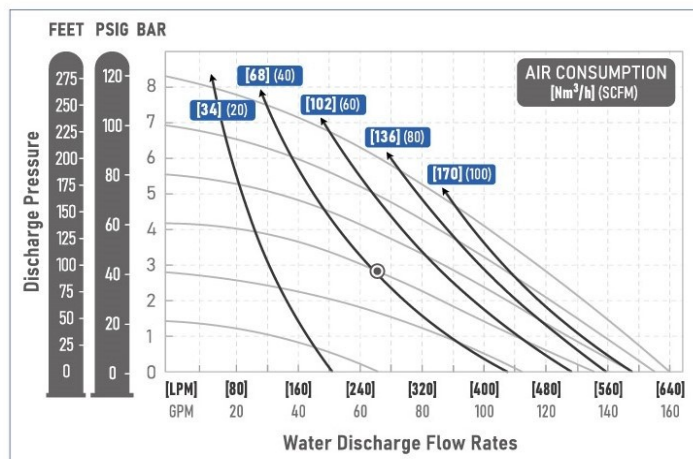
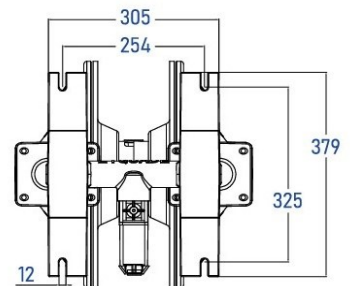
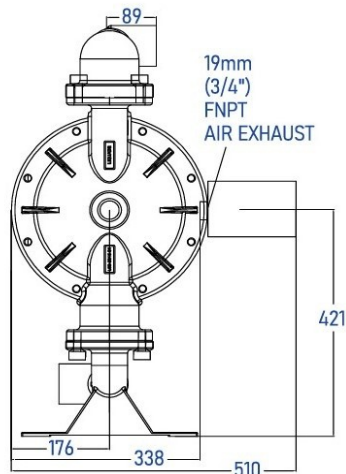
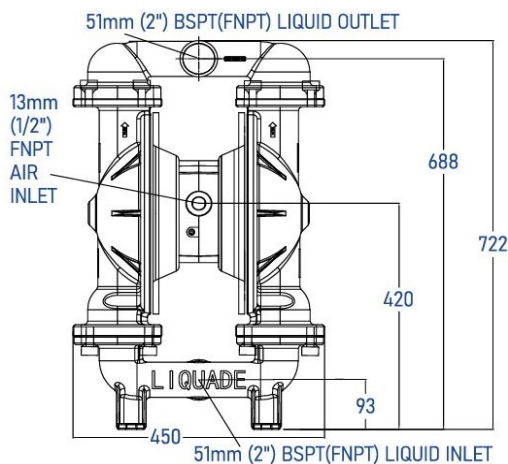
- Rubber diaphragm: 611 LPM
- Teflon PTFE: 598 LPM
- TP Diaphragm: 609 LPM

Max. Suction Lift

- Rubber: Dry 7.4 M / Wet 9 M
- Teflon PTFE: Dry 7.0 M / Wet 9 M
- Thermoplastic compound: Dry 7.4 M / Wet 9 M

Parameter

- Liquid inlet: 2"
- Liquid outlet: 2"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")



▲ Rubber diaphragm (Medium is water - positive inlet pressure)



► GT500 METAL PUMP — Aluminum thread

Wetted Part Material

- Wetted part material
- Aluminum alloy: 29 KG (ATEX Option)

Max. Flow Rate

- Rubber diaphragm: 611 LPM
- Teflon PTFE: 598 LPM
- TP Diaphragm: 609 LPM

Parameter

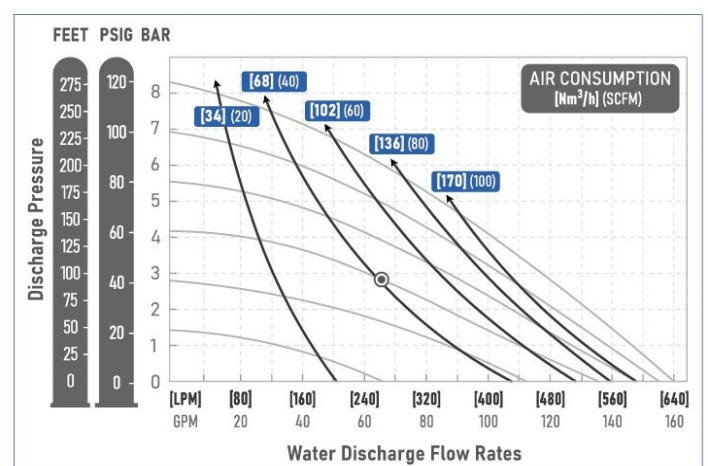
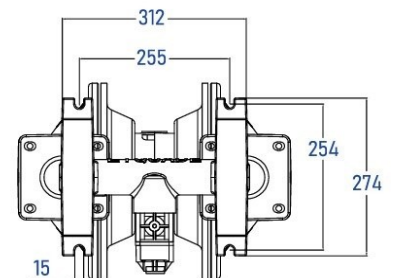
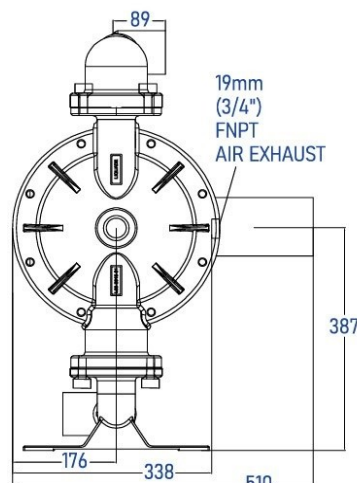
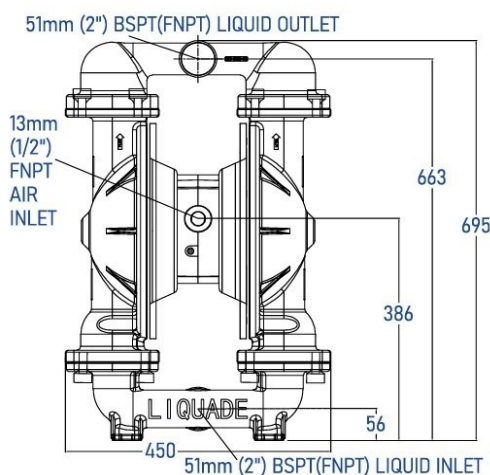
- Liquid inlet: 2"
- Liquid outlet: 2"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 6.4 mm (1/4")

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Suction Lift

- Rubber: Dry 7.4 M / Wet 9 M
- Teflon PTFE: Dry 7.0 M / Wet 9 M
- Thermoplastic compound: Dry 7.4 M / Wet 9 M



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

GT800 Metal Pump – Aluminum thread - Information



► GT800 METAL PUMP — Aluminum thread

Wetted Part Material

- Wetted part material
- Aluminum alloy: 56 KG (ATEX Option)

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

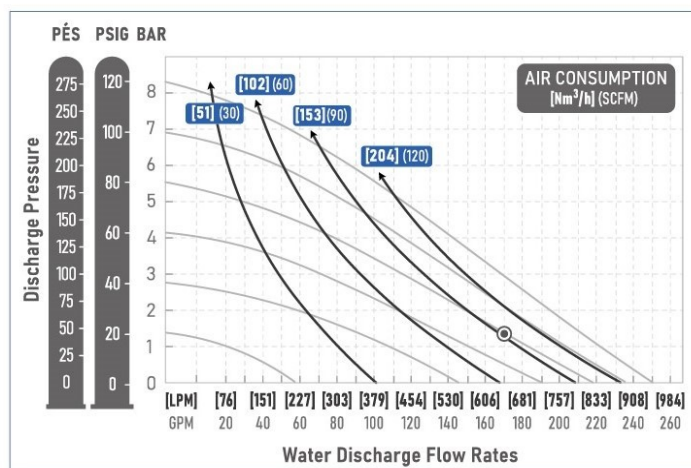
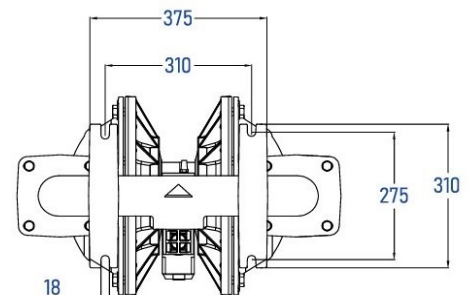
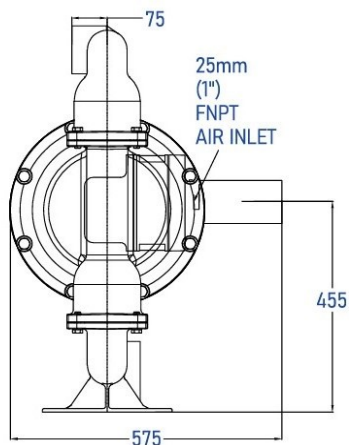
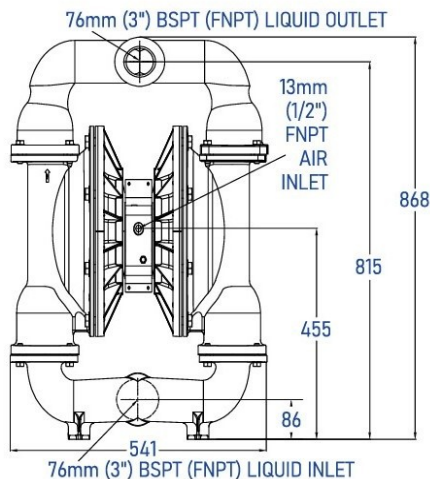
- Rubber diaphragm: 1026 LPM
- Teflon PTFE: 992 LPM
- TP Diaphragm: 1026 LPM

Max. Suction Lift

- Rubber: Dry 7.2 M / Wet 9.0 M
- Teflon PTFE: Dry 6.2 M / Wet 8.6 M
- Thermoplastic compound: Dry 6.4 M / Wet 9.0 M

Parameter

- Liquid inlet: 3"
- Liquid outlet: 3"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 12.7 mm (1/2")



▲ Rubber diaphragm (Medium is water - positive inlet pressure)



GT800 Metal Pump – Stainless steel flange - Information



► GT800 METAL PUMP — Stainless steel flange

Wetted Part Material

- Wetted part material
- Stainless steel flange: 112 KG (ATEX Option)

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

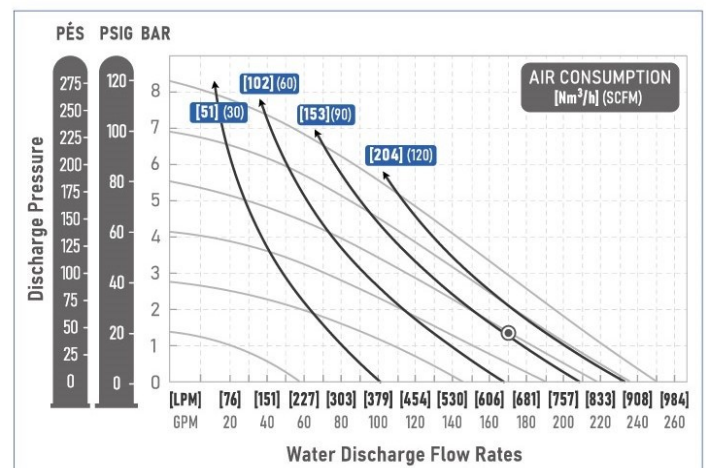
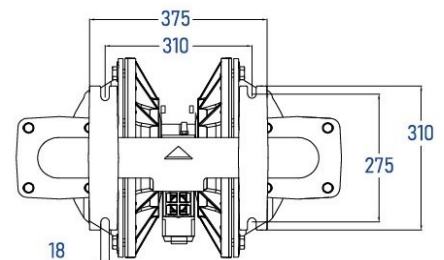
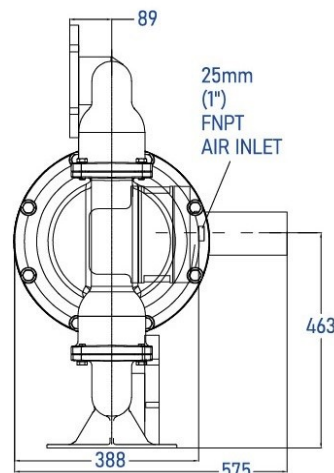
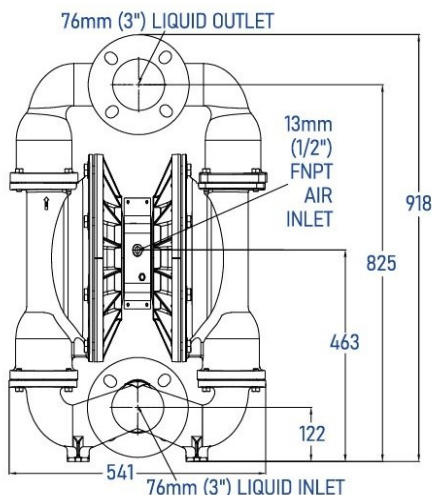
- Rubber diaphragm: 1026 LPM
- Teflon PTFE: 992 LPM
- TP Diaphragm: 1026 LPM

Max. Suction Lift

- Rubber: Dry 6.0 M / Wet 8.6 M
- Teflon PTFE: Dry 5.4 M / Wet 8.6 M
- Thermoplastic compound: Dry 5.9 M / Wet 8.6 M

Parameter

- Liquid inlet: 3"
- Liquid outlet: 3"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 12.7 mm (1/2")



▲ Teflon diaphragm (Medium is water - positive inlet pressure)

► GT800 METAL PUMP — Stainless steel thread

Wetted Part Material

- Wetted part material
- Stainless steel thread: 105 KG (ATEX Option)

Diaphragm Material

- Teflon
- EPDM
- Viton
- Santoprene
- NBR

Max. Flow Rate

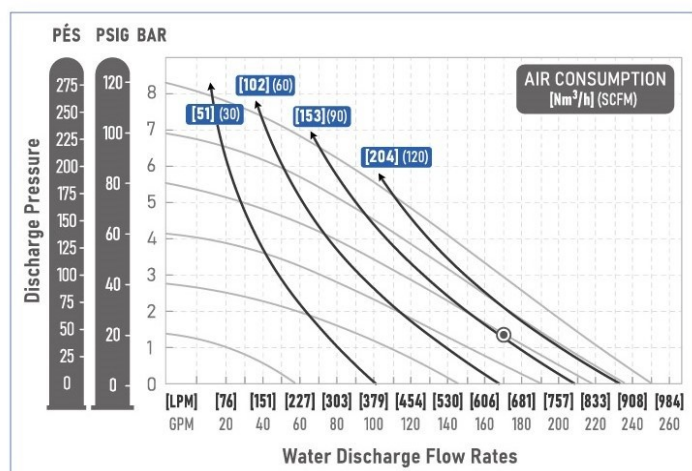
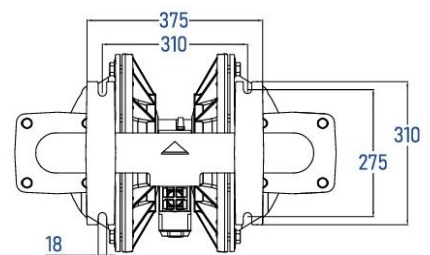
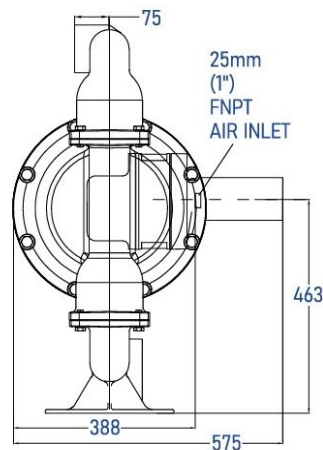
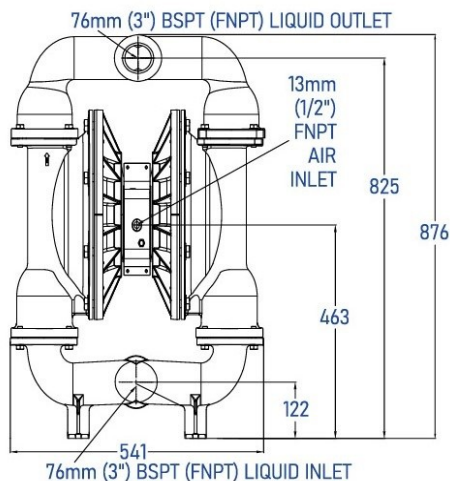
- Rubber diaphragm: 1026 LPM
- Teflon PTFE: 992 LPM
- TP Diaphragm: 1026 LPM

Max. Suction Lift

- Rubber: Dry 6.0 M / Wet 8.6 M
- Teflon PTFE: Dry 5.4 M / Wet 8.6 M
- Thermoplastic compound: Dry 5.9 M / Wet 8.6 M

Parameter

- Liquid inlet: 3"
- Liquid outlet: 3"
- Air inlet: 1/2"
- Max. inlet pressure: 8.6 BAR (125 PSI)
- Max. size solids: 12.7 mm (1/2")



▲ Rubber diaphragm (Medium is water - positive inlet pressure)







Your local distributor details:



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