

# OPERATOR'S MANUAL

(SUPPLEMENTAL MANUAL ONLY)

RELEASED: 1-24-25  
(REV: A)

## 1", 1-1/2", 2", 3" EXP DIAPHRAGM PUMP With GARLOCK® ONE-UP® 1:1 RATIO (METALLIC )



**READ THIS MANUAL CAREFULLY BEFORE INSTALLING,  
OPERATING OR SERVICING THIS EQUIPMENT.**

It is the responsibility of the employer to place this information in the hands of the operator. Keep for future reference.

### SERVICE KITS

Garlock® One-Up® Diaphragms to be purchased individually.

### PUMP DATA

**Models**..... PX10X-XXX-XXX-AXX  
PX15X-XXX-XXX-AXX  
PX20X-XXX-XXX-BXX  
PX30X-XXX-XXX-CXX

**Pump Type**..... Metallic Air Operated Double Diaphragm

**Maximum Temperature Limits (diaphragm material)**

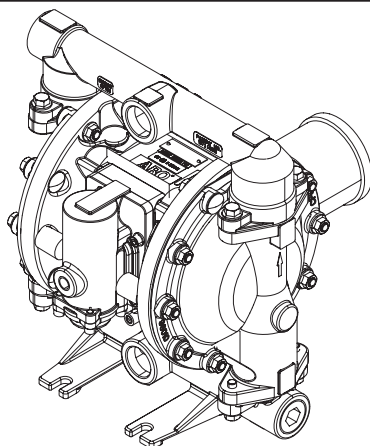
One-Up® Neoprene (Backer) . -10° to 200° F (-23° to 93° C)

One-Up® EPDM (Backer) ..... -20° to 300° F (-29° to 149° C)

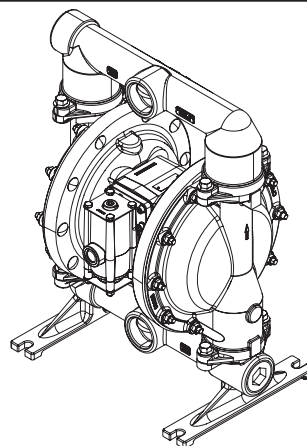
One-Up® Viton (Backer) ..... 20° to 350° F (-7° to 176° C)

**For All Pump Data Below Refer To Operator's Manual Per  
Pump Size**

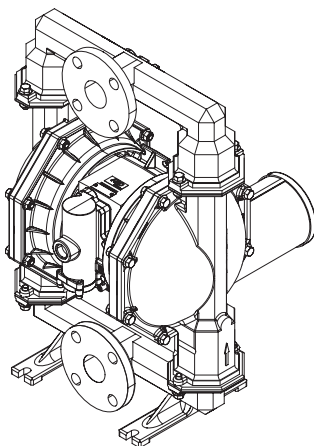
| Pump Size | Description                         | Manual PN  |
|-----------|-------------------------------------|------------|
| 1"        | Operators Manual PX10X-XXX-XXX-AXXX | 97999-1068 |
| 1-1/2"    | Operators Manual PX15X-XXX-XXX-AXXX | 97999-1056 |
| 2"        | Operators Manual PX20X-XXX-XXX-BXXX | 97999-1108 |
| 3"        | Operators Manual PX30X-XXX-XXX-CXXX | 97999-1110 |



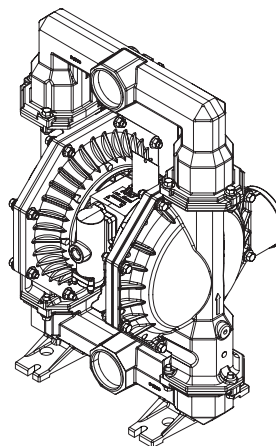
**MODEL PX10X**



**Model PX15X**



**MODEL PX20X**



**MODEL PX30X**

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## MODEL DESCRIPTION CHART

**For the PTFE diaphragm the letter "P", "R" or "S" in position 8 indicates the One-Up® EPDM, NEOPRENE or VITON diaphragm backer material.**

|                 |                 |          |          |          |          |          |          |          |          |          |          |
|-----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                 | <b>Position</b> | <b>1</b> | <b>2</b> | <b>-</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>-</b> | <b>6</b> | <b>7</b> | <b>8</b> |
| <b>Example:</b> | <b>Example:</b> | PXXX     | X        | -        | X        | X        | X        | -        | X        | X        | X        |

### Diaphragm Material

| Pump Type       | Models | Position 8 Letter | Diaphragm Part Number | Diaphragm Backer Material |
|-----------------|--------|-------------------|-----------------------|---------------------------|
| 1" Metallic     | PX10X  | P                 | 97033-2               | EPDM                      |
|                 |        | R                 | 97033-1               | Neoprene                  |
|                 |        | S                 | 97033-3               | Viton                     |
| 1-1/2" Metallic | PX15X  | P                 | 97033-5               | EPDM                      |
|                 |        | R                 | 97033-4               | Neoprene                  |
|                 |        | S                 | 97033-6               | Viton                     |
| 2" Metallic     | PX20X  | P                 | 97033-10              | EPDM                      |
|                 |        | R                 | 97033-9               | Neoprene                  |
|                 |        | S                 | 97033-8               | Viton                     |
| 3" Metallic     | PX30X  | P                 | 97033-12              | EPDM                      |
|                 |        | R                 | 97033-11              | Neoprene                  |
|                 |        | S                 | 97033-13              | Viton                     |

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