



## Spare Parts Kits

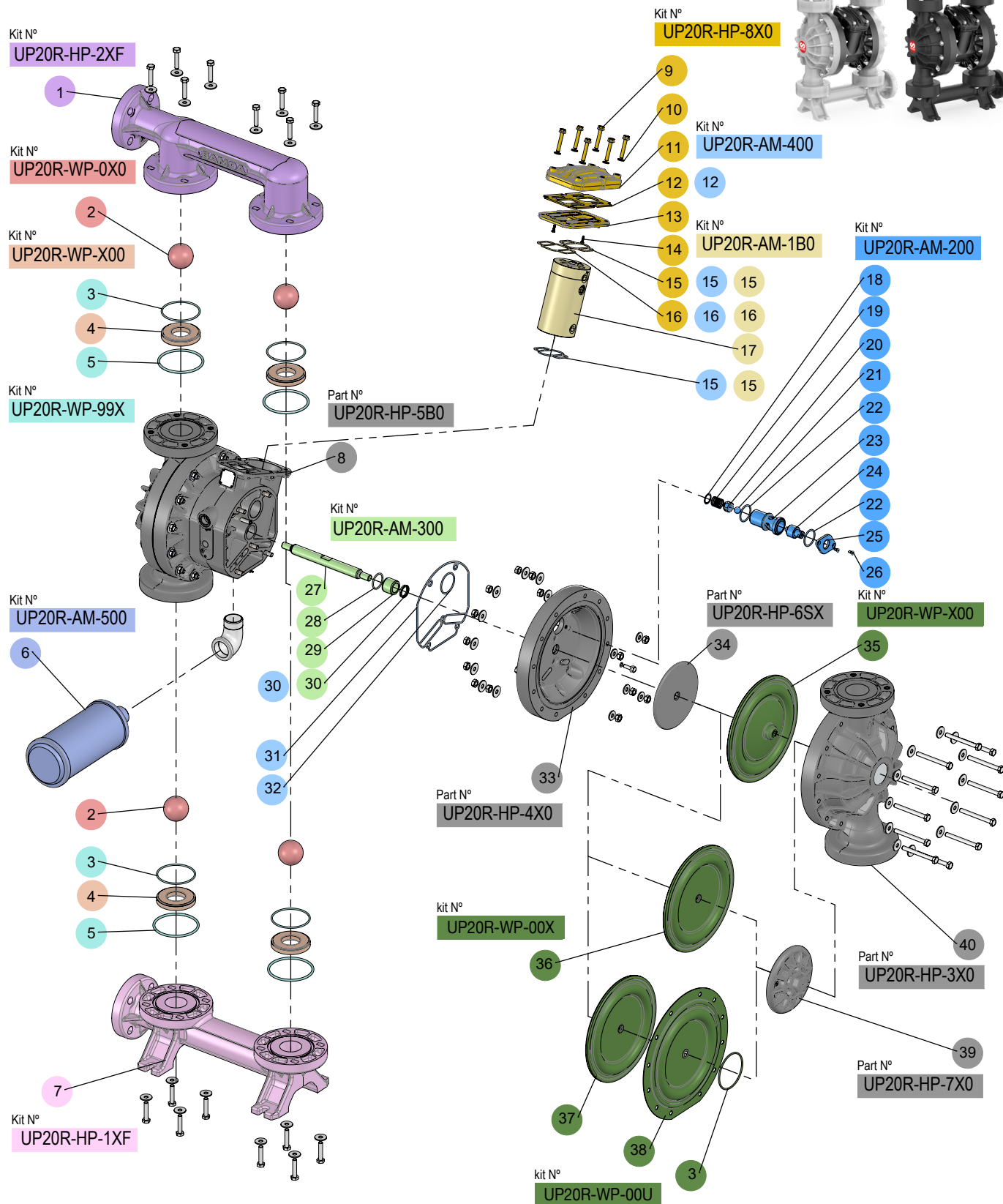


**PIVOT**  
UNIVERSAL PUMP

**2" DOUBLE DIAPHRAGM PLASTIC PUMP UP20 (650 l/min-172 gal/min)**

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**UP20B-XPX-XXX**  
**UP20B-XWX-XXX**  
**UP20B-XXB-XXX**



## PUMP NOMENCLATURE

Examples: UP20B-XXX-XXX  
UE20B-XXX-XXX-X

| UP20X                                                                                                     |                                                                                                                                      | XXX                                              |                                                                                                                                                                                    |                                        | XXX                           |                                                                                                                    |                                                                                                                                                                                                                                                                                                         | X                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PUMP TYPE                                                                                                 | AIR MOTOR                                                                                                                            | HOUSINGS                                         |                                                                                                                                                                                    |                                        | WETTED PARTS                  |                                                                                                                    |                                                                                                                                                                                                                                                                                                         | ACCESSORIES                                                                                                                                                                                                                                                                                                                          |
| 1<br>Pump Type<br>& Size                                                                                  | 2<br>Central Body<br>& Air Chambers                                                                                                  | 3<br>Fluid Ports /<br>Location                   | 4<br>Fluid Chambers<br>& Manifolds                                                                                                                                                 | 5<br>Hardware Bolts,<br>Nuts & Inserts | 6<br>Valve Seats              | 7<br>Valve Balls                                                                                                   | 8<br>Diaphragms Type<br>& Material                                                                                                                                                                                                                                                                      | 9<br>Accessories<br>(UE pumps only)                                                                                                                                                                                                                                                                                                  |
| UP20<br>Universal Pump<br>(Bolted)<br><br>UE20<br>Universal Pump<br>(Bolted) with<br>electronic interface |  ATEX Certified<br>B* = Conductive<br>Polypropylene | F = 2" ANSI/DIN<br>Flanged Ports /<br>Side Ends. | P = Polypropylene<br>W = PVDF<br><br>-----<br> ATEX Certified<br>B* = Conductive<br>Polypropylene | S = Stainless Steel                    | P = Polypropylene<br>W = PVDF | H = TPE (Hytrel®)<br>M = TPV<br>(Santoprene®)<br>N = Nitrile<br>(Buna-N)<br>T = PTFE (Teflon®)<br>V = FKM (Viton®) | <b>Conventional</b><br>A = TPV<br>(Santoprene®)<br>C = TPE (Hytrel®)<br>G = Nitrile (Buna-N)<br>V = FKM (Viton®)<br><br><b>Two-piece</b><br>Z = PTFE (Teflon®) with<br>TPV (Santoprene®)<br>backer<br><br><b>Overmolded</b><br>H = TPE (Hytrel®)<br>N = Nitrile (Buna N)<br>T = PTFE / EPDM<br>(Bonded) | A = Diaphragm leak<br>detectors<br>B = Diaphragm leak<br>detectors (ATEX)<br>C = Stroke sensor<br>D = Stroke sensor (PLC)<br>E = Stroke sensor (ATEX)<br>F = Diaphragm leak<br>detectors + Stroke<br>sensor<br>G = Diaphragm leak<br>detectors + Stroke<br>sensor (PLC)<br>H = Diaphragm leak<br>detectors + Stroke<br>sensor (ATEX) |

\* ATEX Certified pumps for use in hazardous locations ATEX Group II 2GDx.

Viton® & Teflon® is a registered trademark of the Chemours Company, Santoprene® and Hytrel® is a registered trademark of the Celanese Corporation, L.P. Kynar® is a registered trademark of Arkema, Inc.

**VALVE SEATS**

| Part #              | Pos.  | Description               | Valid for:             |
|---------------------|-------|---------------------------|------------------------|
| <b>UP20R-WP-P00</b> | 4x(4) | Polypropylene Valve Seats | UP20X-XXX- <b>P</b> XX |
| <b>UP20R-WP-W00</b> | 4x(4) | PVDF Valve Seats          | UP20X-XXX- <b>W</b> XX |

**VALVE BALLS**

| Part #              | Pos.  | Description                | Valid for:             |
|---------------------|-------|----------------------------|------------------------|
| <b>UP20R-WP-0H0</b> | 4x(2) | TPE Hytrel Valve Balls     | UP20X-XXX-X <b>H</b> X |
| <b>UP20R-WP-0M0</b> | 4x(2) | TPV Santoprene Valve Balls | UP20X-XXX-X <b>M</b> X |
| <b>UP20R-WP-0N0</b> | 4x(2) | Nitrile Valve Balls        | UP20X-XXX-X <b>N</b> X |
| <b>UP20R-WP-0T0</b> | 4x(2) | PTFE Valve Balls           | UP20X-XXX-X <b>T</b> X |
| <b>UP20R-WP-0V0</b> | 4x(2) | FKM Viton Valve Balls      | UP20X-XXX-X <b>V</b> X |

## DIAPHRAGMS

| Part #                                                                                                  | Pos.                     | Description                                  | Valid for:            |
|---------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------|-----------------------|
|  <b>UP20R-WP-00A</b>   | 2x(36)                   | TPV Santoprene Diaphragms                    | UP20X-XXX-XX <b>A</b> |
|  <b>UP20R-WP-00C</b>   | 2x(36)                   | TPE Hytrel Diaphragms                        | UP20X-XXX-XX <b>C</b> |
|  <b>UP20R-WP-00G</b>   | 2x(36)                   | Nitrile Diaphragms                           | UP20X-XXX-XX <b>G</b> |
|  <b>UP20R-WP-00V</b>   | 2x(36)                   | FKM Viton Diaphragms                         | UP20X-XXX-XX <b>V</b> |
|  <b>UP20R-WP-00U</b>   | 2x(3), 2x(37),<br>2x(38) | PTFE + TPV Santoprene Diaphragms (x12 holes) | UP20X-XXX-XX <b>Z</b> |
|  <b>UP20R-WP-00H</b>   | 2x(35)                   | TPE Hytrel Overmolded Diaphragms             | UP20X-XXX-XX <b>H</b> |
|  <b>UP20R-WP-00N</b>  | 2x(35)                   | Nitrile Overmolded Diaphragms                | UP20X-XXX-XX <b>N</b> |
|  <b>UP20R-WP-00T</b> | 2x(35)                   | PTFE Overmolded Diaphragms                   | UP20X-XXX-XX <b>T</b> |

## VALVE SEATS O-RING

| Part #                                                                                                  | Pos.         | Description                 | Valid for:                                                              |
|---------------------------------------------------------------------------------------------------------|--------------|-----------------------------|-------------------------------------------------------------------------|
|  <b>UP20R-WP-99U</b> | 4x(3), 4x(5) | PTFE Valve Seats O-rings    | UP20X-XXX-XX <b>Z</b><br>UP20X-XXX-XX <b>T</b>                          |
|  <b>UP20R-WP-99F</b> | 4x(3), 4x(5) | FKM Valve Seats O-rings     | UP20X-XXX-XX <b>C</b><br>UP20X-XXX-XX <b>H</b><br>UP20X-XXX-XX <b>V</b> |
|  <b>UP20R-WP-99B</b> | 4x(3), 4x(5) | Nitrile Valve Seats O-rings | UP20X-XXX-XX <b>G</b><br>UP20X-XXX-XX <b>N</b>                          |
|  <b>UP20R-WP-99M</b> | 4x(3), 4x(5) | EPDM Valve Seats O-rings    | UP20X-XXX-XX <b>A</b>                                                   |

## AIR MOTOR

| Part #                                                                                                | Pos.                                                                            | Description                        | Valid for:                                                                                            |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------|
|  <b>UP20R-AM-1B0</b> | 2x(15), 16, 17                                                                  | Conductive Polypropylene Air Motor | UP20 <b>B</b> - <b>XP</b> X-XXX<br>UP20 <b>B</b> - <b>XW</b> X-XXX<br>UP20 <b>B</b> - <b>XB</b> X-XXX |
|  <b>UP20R-AM-200</b> | 2x(18), 2x(19),<br>2x(20), 2x(21),<br>4x(22), 2x(23),<br>2x(24), 2x(25), 4x(26) | Air Sensors                        | All UP20 Models                                                                                       |
|  <b>UP20R-AM-300</b> | 2x(27), 28, 2x(29),<br>2x(30)                                                   | Central Rod                        | All UP20 Models                                                                                       |
|  <b>UP20R-AM-400</b> | 12, 2x(15), 16,<br>2x(30), 2x(31),<br>2x(32)                                    | Air Motor Gaskets                  | All UP20 Models                                                                                       |
|  <b>UP20R-AM-500</b> | 6                                                                               | Air Motor Exhaust                  | All UP20 Models                                                                                       |

## INLET MANIFOLDS

| Part #                                                                                                  | Pos. | Description                                     | Valid for:             |
|---------------------------------------------------------------------------------------------------------|------|-------------------------------------------------|------------------------|
|  <b>UP20R-HP-1PF</b> | 7    | Flanged Polypropylene Inlet Manifold            | UP20X- <b>FP</b> X-XXX |
|  <b>UP20R-HP-1WF</b> | 7    | Flanged PVDF Inlet Manifold                     | UP20X- <b>FW</b> X-XXX |
|  <b>UP20R-HP-1BF</b> | 7    | Flanged Conductive Polypropylene Inlet Manifold | UP20X- <b>FB</b> X-XXX |

## OUTLET MANIFOLDS

| Part #                                                                                                  | Pos. | Description                                      | Valid for:             |
|---------------------------------------------------------------------------------------------------------|------|--------------------------------------------------|------------------------|
|  <b>UP20R-HP-2PF</b> | 1    | Flanged Polypropylene Outlet Manifold            | UP20X- <b>FP</b> X-XXX |
|  <b>UP20R-HP-2WF</b> | 1    | Flanged PVDF Outlet Manifold                     | UP20X- <b>FW</b> X-XXX |
|  <b>UP20R-HP-2BF</b> | 1    | Flanged Conductive Polypropylene Outlet Manifold | UP20X- <b>FB</b> X-XXX |

## FLUID CHAMBERS

| Part #              | Pos. | Description                            | Valid for:             |
|---------------------|------|----------------------------------------|------------------------|
| <b>UP20R-HP-3P0</b> | 40   | Polypropylene Fluid Chamber            | UP20X-X <b>P</b> X-XXX |
| <b>UP20R-HP-3W0</b> | 40   | PVDF Fluid Chamber                     | UP20X-X <b>W</b> X-XXX |
| <b>UP20R-HP-3B0</b> | 40   | Conductive Polypropylene Fluid Chamber | UP20X-X <b>B</b> X-XXX |

## AIR CHAMBERS

| Part #              | Pos. | Description                          | Valid for:             |
|---------------------|------|--------------------------------------|------------------------|
| <b>UP20R-HP-4B0</b> | 33   | Conductive Polypropylene Air Chamber | UP20 <b>B</b> -XXX-XXX |

## PUMP CENTRAL BODY

| Part #              | Pos. | Description                           | Valid for:             |
|---------------------|------|---------------------------------------|------------------------|
| <b>UP20R-HP-5B0</b> | 8    | Conductive Polypropylene Central Body | UP20 <b>B</b> -XXX-XXX |



### SMALL AIR PISTONS

#### REPAIR KITS VALID ONLY FOR UP20 PUMPS WITH:

- Nitrile (N) Overmolded Diaphragms: UP20X-XXX-XX**N**
- PTFE (T) Overmolded Diaphragms: : UP20X-XXX-XX**T**

### SMALL AIR PISTONS

| Part #                                                                                                | Pos.   | Description                                 | Valid for:                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------|--------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                       |        |                                             | UP20 <b>B</b> -X <b>P</b> X-XXX<br>UP20 <b>B</b> -X <b>P</b> X-XXT                                                                           |
|  <b>UP20R-HP-6S1</b> | 2x(34) | AISI-316 Stainless Steel Air Piston (Small) | UP20 <b>B</b> -X <b>W</b> X-XXX<br>UP20 <b>B</b> -X <b>W</b> X-XXT<br><br>UP20 <b>B</b> -X <b>B</b> X-XXX<br>UP20 <b>B</b> -X <b>B</b> X-XXT |



### BIG AIR PISTONS

#### REPAIR KITS VALID ONLY FOR UP20 PUMPS WITHOUT:

- Nitrile (N) Overmolded Diaphragms: UP20X-XXX-XX**N**
- PTFE (T) Overmolded Diaphragms: : UP20X-XXX-XX**T**

### BIG AIR PISTONS

| Part #                                                                                                  | Pos.   | Description                               | Valid for:                                                                                            |
|---------------------------------------------------------------------------------------------------------|--------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|
|  <b>UP20R-HP-6S0</b> | 2x(34) | AISI-316 Stainless Steel Air Piston (Big) | UP20 <b>B</b> -X <b>P</b> X-XXX<br>UP20 <b>B</b> -X <b>W</b> X-XXX<br>UP20 <b>B</b> -X <b>B</b> X-XXX |



## FLUID PISTONS

### REPAIR KITS VALID ONLY FOR UP20 PUMPS WITHOUT OVERMOLDED DIAPHRAGMS:

- Hytrel (H) Overmolded Diaphragms: UP20X-XXX-XX**H**
- Nitrile (N) Overmolded Diaphragms: UP20X-XXX-XX**N**
- PTFE (T) Overmolded Diaphragms: : UP20X-XXX-XT

**(UP20 OVERMOLDED DIAPHRAGM REPAIR KITS INCLUDES FLUID PISTON)**

### FLUID PISTONS

| Part #                                                                                                  | Pos.   | Description                           | Valid for:             |
|---------------------------------------------------------------------------------------------------------|--------|---------------------------------------|------------------------|
|  <b>UP20R-HP-7P0</b>   | 2x(39) | Polypropylene Fluid Piston            | UP20X-X <b>P</b> X-XXX |
|  <b>UP20R-HP-7W0</b>   | 2x(39) | PVDF Fluid Piston                     | UP20X-X <b>W</b> X-XXX |
|  <b>UP20R-HP-7B0</b> | 2x(39) | Conductive Polypropylene Fluid Piston | UP20X-X <b>B</b> X-XXX |

### AIR MOTOR COVER

| Part #                                                                                                  | Pos.                                     | Description                              | Valid for:                                                                                            |
|---------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------|
|  <b>UP20R-HP-8B0</b> | 6x(9), 6x(10) 11, 12, 13, 2x(14), 15, 16 | Conductive Polypropylene Air Motor Cover | UP20 <b>B</b> -X <b>P</b> X-XXX<br>UP20 <b>B</b> -X <b>W</b> X-XXX<br>UP20 <b>B</b> -X <b>B</b> X-XXX |



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