



Part No.

UP20A-XAX-XXX
UP20A-XFX-XXX
UP20A-XSX-XXX
UP20S-XSX-XXX
UP20L-XSX-XXX



Spare Parts Kits

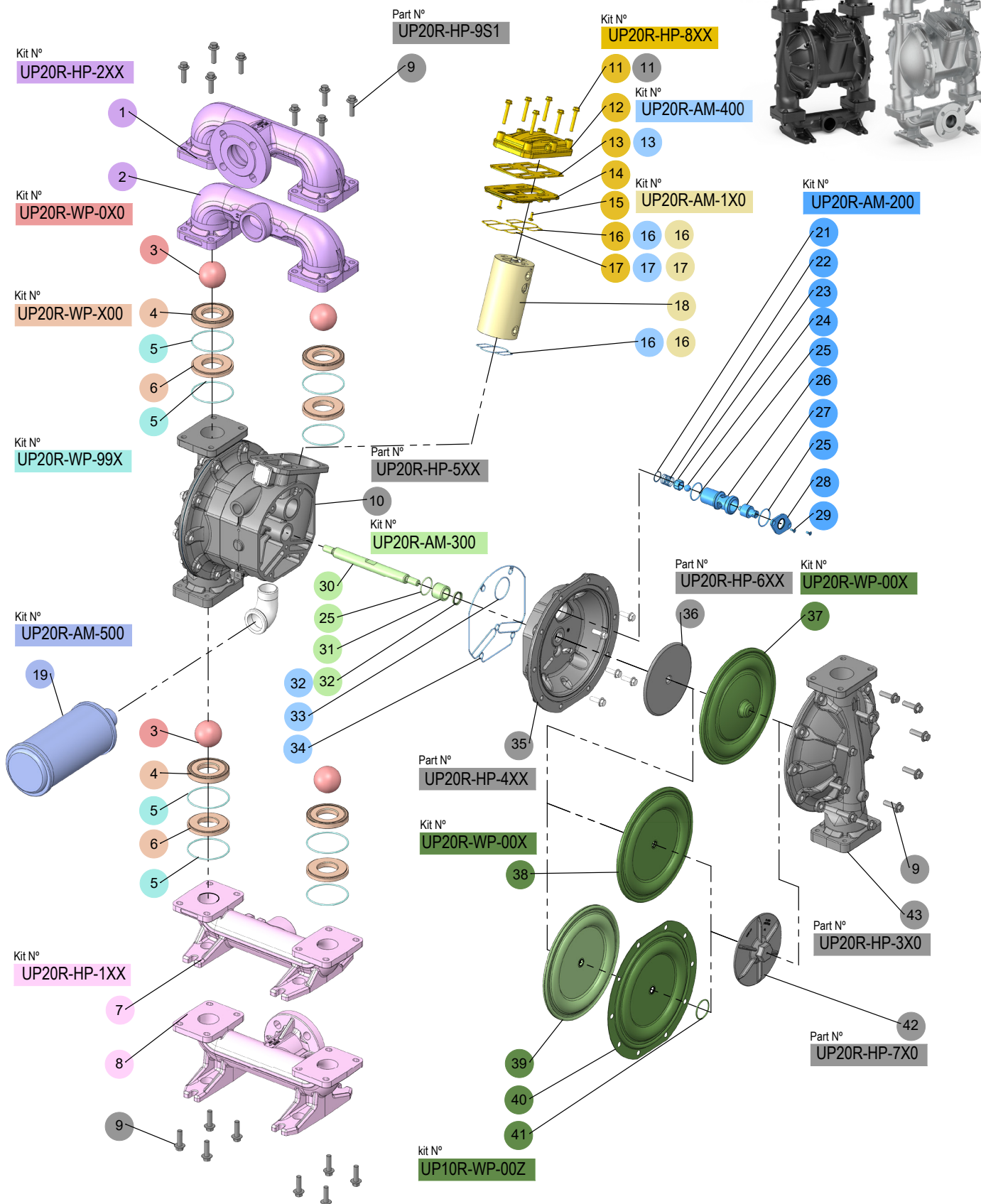


PIVOT
UNIVERSAL PUMP

2" DOUBLE DIAPHRAGM PUMP UP20 (650 l/min-170 gal/min)

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UP20A-XAX-XXX	UP20S-XSX-XXX
UP20A-XFX-XXX	UP20L-XSX-XXX
UP20A-XSX-XXX	



PUMP NOMENCLATURE

Examples: UP20X-XXX-XXX
UE20X-XXX-XXX-X

UP20X		XXX			XXX			X
PUMP TYPE	AIR MOTOR	HOUSINGS			WETTED PARTS			ACCESSORIES
1 Pump Type & Size	2 Central Body & Air Chambers	3 Fluid Ports / Location	4 Fluid Chambers & Manifolds	5 Hardware Bolts	6 Valve Seats	7 Valve Balls	8 Diaphragms Type & Material	9 Accessories (UE pumps only)
UP20 Universal Pump (Bolted) UE20 Universal Pump (Bolted) with electronic interface	 ATEX Certified A = Aluminium L = Conductive polypropylene with Stainless Steel air chambers S = AISI 316 Stainless Steel	B = 2" BSP Threaded Ports / Centre horizontal C = 2" ANSI/ DIN Flanged Ports / Centre Horizontal N = 2" NPTF Threaded Ports / Centre Horizontal	 ATEX Certified A = Aluminium F = Ductile Iron S = AISI 316 Stainless Steel	C = Carbon Steel S = Stainless Steel	A = Aluminium D = AISI 440 Hardened Stainless Steel H = TPE (Hytre [®]) M = TPV (Santoprene [®]) N = Nitrile (Buna-N) S = AISI 316 Stainless Steel T = PTFE (Teflon [®]) V = FKM (Viton [®])	H = TPE (Hytre [®]) M = TPV (Santoprene [®]) N = Nitrile (Buna-N) S = AISI 316 Stainless Steel T = PTFE (Teflon [®]) V = FKM (Viton [®])	Conventional A = TPV (Santoprene [®]) C = TPE (Hytre [®]) G = Nitrile (Buna-N) V = FKM (Viton [®]) Two-piece Z = PTFE (Teflon [®]) with TPV (Santoprene [®]) backer Overmolded H = TPE (Hytre [®]) N = Nitrile (Buna-N) T = PTFE / EPDM (Bonded)	A = Diaphragm leak detectors B = Diaphragm leak detectors (ATEX) C = Stroke sensor D = Stroke sensor (PLC) E = Stroke sensor (ATEX) F = Diaphragm leak detectors + Stroke sensor G = Diaphragm leak detectors + Stroke sensor (PLC) H = Diaphragm leak detectors + Stroke sensor (ATEX)

Viton[®] & Teflon[®] is a registered trademark of the Chemours Company, Santoprene[®] and Hytre[®] 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:
UP20R-WP-A00	4x(6)	Aluminum Valve Seats (Hard)	UP20X-XXX- A XX
UP20R-WP-D00	4x(6)	AISI-440 Hardened Stainless Steel Valve Seats (Hard)	UP20X-XXX- D XX
UP20R-WP-S00	4x(6)	AISI-316 Stainless Steel Valve Seats (Hard)	UP20X-XXX- S XX
UP20R-WP-H00	4x(4)	TPE Hytrel Valve Seats (Soft)	UP20X-XXX- H XX
UP20R-WP-M00	4x(4)	TPV Santoprene Valve Seats (Soft)	UP20X-XXX- M XX
UP20R-WP-N00	4x(4)	Nitrile Valve Seats (Soft)	UP20X-XXX- N XX

VALVE BALLS

Part #	Pos.	Description	Valid for:
UP20R-WP-0H0	4x(3)	TPE Hytrel Valve Balls	UP20X-XXX-X H X
UP20R-WP-0M0	4x(3)	TPV Santoprene Valve Balls	UP20X-XXX-X M X
UP20R-WP-0N0	4x(3)	Nitrile Valve Balls	UP20X-XXX-X N X
UP20R-WP-0S0	4x(3)	AISI-316 Stainless Steel Valve Balls	UP20X-XXX-X S X
UP20R-WP-0T0	4x(3)	PTFE Valve Balls	UP20X-XXX-X T X
UP20R-WP-0V0	4x(3)	FKM Viton Valve Balls	UP20X-XXX-X V X

DIAPHRAGMS

Part #	Pos.	Description	Valid for:
 UP20R-WP-00A	2x(38)	TPV Santoprene Diaphragms	UP20X-XXX-XX A
 UP20R-WP-00C	2x(38)	TPE Hytrel Diaphragms	UP20X-XXX-XX C
 UP20R-WP-00G	2x(38)	Nitrile Diaphragms	UP20X-XXX-XX G
 UP20R-WP-00V	2x(38)	FKM Viton Diaphragms	UP20X-XXX-XX V
 UP20R-WP-00Z	2x(39), 2x(40), 2x(41)	PTFE + TPV Santoprene Diaphragms (x10 holes)	UP20X-XXX-XX Z
 UP20R-WP-00H	2x(37)	TPE Hytrel Overmolded Diaphragms	UP20X-XXX-XX H
 UP20R-WP-00N	2x(37)	Nitrile Overmolded Diaphragms	UP20X-XXX-XX N
 UP20R-WP-00T	2x(37)	PTFE Overmolded Diaphragms	UP20X-XXX-XX T

VALVE SEATS O-RING

Part #	Pos.	Description	Valid for:
 UP20R-WP-99T	8x(5)	PTFE Valve Seats O-rings	UP20X-XXX-XX Z UP20X-XXX-XX T
 UP20R-WP-99V	8x(5)	FKM Valve Seats O-rings	UP20X-XXX-XX C UP20X-XXX-XX H UP20X-XXX-XX V
 UP20R-WP-99N	8x(5)	Nitrile Valve Seats O-rings	UP20X-XXX-XX G UP20X-XXX-XX N
 UP20R-WP-99E	8x(5)	EPDM Valve Seats O-rings	UP20X-XXX-XX A

AIR MOTOR

Part #	Pos.	Description	Valid for:
 UP20R-AM-1A0	2x(16), 17, 18	Aluminum Air Motor	UP20 A -X A X-XXX UP20 A -X F X-XXX
 UP20R-AM-1B0	2x(16), 17, 18	Conductive Polypropylene Air Motor	UP20 A -X S X-XXX UP20 S -X S X-XXX UP20 L -X S X-XXX
 UP20R-AM-200	2x(21), 2x(22), 2x(23), 2x(24), 4x(25), 2x(26), 2x(27), 2x(28), 4x(29)	Air Sensors	All UP20 Models
 UP20R-AM-300	2x(25), 30, 2x(31), 2x(32)	Central Rod	All UP20 Models
 UP20R-AM-400	13, 2x(16), 17, 2x(32), 2x(33), 2x(34)	Air Motor Gaskets	All UP20 Models
 UP20R-AM-500	19	Air Motor Exhaust	All UP20 Models

INLET MANIFOLDS

Part #	Pos.	Description	Valid for:
 UP20R-HP-1AB	7	BSP Aluminum Inlet Manifold	UP20X- B AX-XXX
 UP20R-HP-1AN	7	NPT Aluminum Inlet Manifold	UP20X- N AX-XXX
 UP20R-HP-1AC	8	Flanged Aluminum Inlet Manifold	UP20X- C AX-XXX
 UP20R-HP-1FB	7	BSP Ductile Iron Inlet Manifold	UP20X- B FX-XXX
 UP20R-HP-1FN	7	NPT Ductile Iron Inlet Manifold	UP20X- N FX-XXX
 UP20R-HP-1FC	8	Flanged Ductile Iron Inlet Manifold	UP20X- C FX-XXX
 UP20R-HP-1SB	7	BSP AISI-316 Stainless Steel Inlet Manifold	UP20X- B SX-XXX
 UP20R-HP-1SN	7	NPT AISI-316 Stainless Steel Inlet Manifold	UP20X- N SX-XXX
 UP20R-HP-1SC	8	Flanged AISI-316 Stainless Steel Inlet Manifold	UP20X- C SX-XXX

OUTLET MANIFOLDS

Part #	Pos.	Description	Valid for:
 UP20R-HP-2AB	2	BSP Aluminum Outlet Manifold	UP20X- B AX-XXX
 UP20R-HP-2AN	2	NPT Aluminum Outlet Manifold	UP20X- N AX-XXX
 UP20R-HP-2AC	1	Flanged Aluminum Outlet Manifold	UP20X- C AX-XXX
 UP20R-HP-2FB	2	BSP Ductile Iron Outlet Manifold	UP20X- B FX-XXX
 UP20R-HP-2FN	2	NPT Ductile Iron Outlet Manifold	UP20X- N FX-XXX
 UP20R-HP-2FC	1	Flanged Ductile Iron Outlet Manifold	UP20X- C FX-XXX
 UP20R-HP-2SB	2	BSP AISI-216 Stainless Steel Outlet Manifold	UP20X- S AX-XXX
 UP20R-HP-2SN	2	NPT AISI-216 Stainless Steel Outlet Manifold	UP20X- S AX-XXX
 UP20R-HP-2SC	1	Flanged AISI-216 Stainless Steel Outlet Manifold	UP20X- S AX-XXX

FLUID CHAMBERS

Part #	Pos.	Description	Valid for:
 UP20R-HP-3A0	43	Aluminum Fluid Chamber (Black color)	UP20X-X A X-XXX
 UP20R-HP-3F0	43	Ductile Iron Fluid Chamber	UP20X-X F X-XXX
 UP20R-HP-3S0	43	AISI-316 Stainless Steel Fluid Chamber	UP20X-X S X-XXX

AIR CHAMBERS

Part #	Pos.	Description	Valid for:
 UP20R-HP-4A0	35	Aluminum Air Chamber (Black color)	UP20 A -X A X-XXX UP20 A -X F X-XXX UP20 A -X S X-XXX
 UP20R-HP-4S0	35	AISI-316 Stainless Steel Air Chamber	UP20 S -X S X-XXX UP20 L -X S X-XXX

PUMP CENTRAL BODY

Part #	Pos.	Description	Valid for:
 UP20R-HP-5A0	10	Aluminum Central Body (Black color)	UP20 A -X A X-XXX UP20 A -X F X-XXX UP20 A -X S X-XXX
 UP20R-HP-5S0	10	AISI-316 Stainless Steel Central Body	UP20 S -X S X-XXX
 UP20R-HP-5B0	10	Conductive Polypropylene Central Body	UP20 L -X S X-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:
 UP20R-HP-6A1	2x(36)	Aluminum Air Piston (Small)	UP20 A -X A X-XX N UP20 A -X A X-XX T
			UP20 A -X A X-XX N UP20 A -X F X-XX T
			UP20 A -X S X-XX N UP20 A -X S X-XX T
 UP20R-HP-6S1	2x(36)	AISI-316 Stainless Steel Air Piston (Small)	UP20 S -X S X-XX N UP20 S -X S X-XX T
			UP20 L -X S X-XX N UP20 L -X S X-XX T



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:
 UP20R-HP-6A0	2x(36)	Aluminum Air Piston (Big)	UP20 A -X A X-XXX UP20 A -X F X-XXX UP20 A -X S X-XXX
 UP20R-HP-6S0	2x(36)	AISI-316 Stainless Steel Air Piston (Big)	UP20 S -X S X-XXX UP20 L -X S 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:
 UP20R-HP-7A0	2x(42)	Aluminum Fluid Piston	UP20 A -X A X-XXX
 UP20R-HP-7S0	2x(42)	AISI-316 Stainless Steel Fluid Piston	UP20 A -X FX -XXX UP20 A -X SX -XXX UP20 S -X SX -XXX UP20 L -X SX -XXX

AIR MOTOR COVER

Part #	Pos.	Description	Valid for:
 UP20R-HP-8A0	6x(11), 12, 13, 14, 2x(15), 16, 17	Aluminum Air Motor Cover (Black color)	UP20 A -X A X-XXX UP20 A -X FX -XXX UP20 A -X SX -XXX
 UP20R-HP-8S0	6x(11), 12, 13, 14, 2x(15), 16, 17	AISI-316 Stainless Steel Air Motor Cover	UP20 S -X SX -XXX
 UP20R-HP-8B0	6x(11), 12, 13, 14, 2x(15), 16, 17	Conductive Polypropylene Air Motor Cover	UP20 L -X SX -XXX

EXTERNAL HARDWARE BOLTS

Part #	Pos.	Description	Valid for:
 UP20R-HP-9S1 *	26x(9), 6x(11)	AISI-316 Stainless Steel External Hardware Bolts	UP20 A -X SS -XXX

* This spare part is also valid for upgrade the UP20A-XAC-XXX and UP20A-XFC-XXX pumps, which have factory-installed Carbon Steel screws.



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