

driSteem HPS REPLACEMENT PARTS

Water treatment system

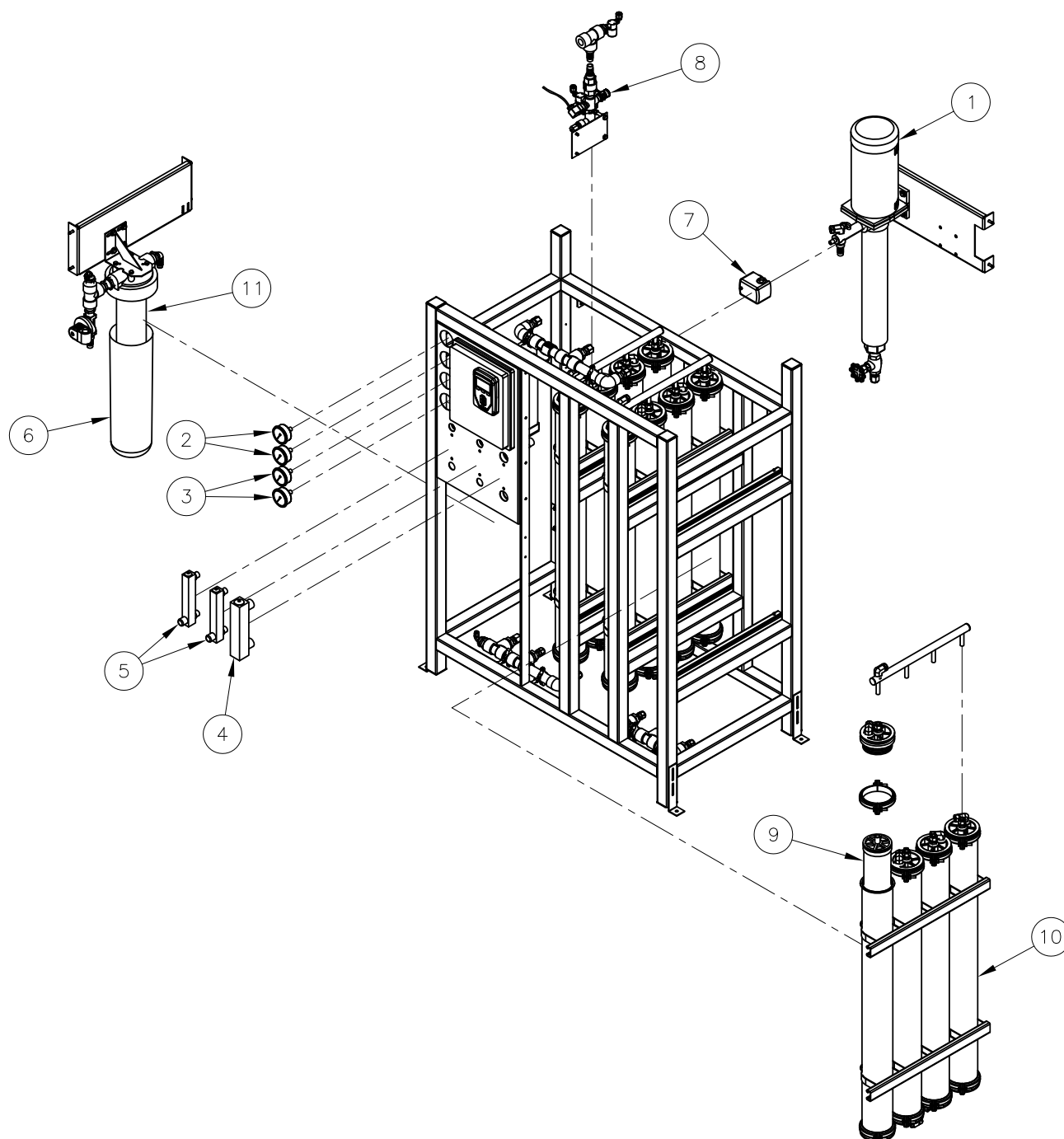
FIGURE 94-1: REPLACEMENT PARTS



Table 94-1: Water softener replacements parts		
Description	Qty.	Part No.
Gravel water treatment 1/16 x 1/8	1 bag	600227
Gravel water treatment 1/4 x 1/8	1 bag	600228
Resin	1 bag	550136-001
Single tank water softener		
Softener single control valve 1" inlet (7" - 16" tank)	1	550134-001
Softener single control valve 1.5" inlet (21" - 24" tank)	1	550134-002
Softener single control valve 2" inlet (30" tank)	1	550134-003
Dual tank water softener		
Dual softener control valve 1" inlet (7" - 16" tank)	1	550134-021
Dual softener control valve 1.5" inlet (21" - 24" tank)	1	550134-022
Dual softener control valve 2" inlet (30" tank)	1	550134-023

Table 94-2: Dechlorinator replacements parts		
Description	Qty.	Part No.
Housing filter wall mount accessory 20" with valves (filter not included)	1	550028-001
Carbon filter, 4x20"	1	550027-002
Dechlorinator single control valve 1" inlet (7" - 16" tank)	1	550134-011
Dechlorinator single control valve 1.5" inlet (21" - 24" tank)	1	550134-012
Dechlorinator single control valve 2" inlet (30" tank)	1	550134-013
Gravel water treatment 1/16 x 1/8	1 bag	600227
Gravel water treatment 1/4 x 1/8	1 bag	600228
Carbon water treatment	1 bag	600229

RO system

FIGURE 95-1: RO 400 SYSTEM REPLACEMENT PARTS

RO system

Table 96-1:

RO system replacements parts

No.	Description	Qty.	Part No.
1	PUMP RO 10 GPM 1 HP 208-230/460V 3PH	1	400290-010
	PUMP RO 20 GPM 3 HP 208-230/460V 3PH	1	400290-020
	PUMP RO 10 GPM 1 HP 115/230V 1PH	1	400290-110
	PUMP RO 20 GPM 3 HP 208/230V 1PH	1	400290-120
2	GAUGE LIQUID FILLED 100 PSI PNL MNT KIT	1	260004-100
3	GAUGE LIQUID FILLED 400 PSI PNL MNT KIT	1	260004-400
4	METER 5 GPM WATER FLOW	1	501907-105
	METER 10 GPM WATER FLOW	1	501907-110
	METER 20 GPM WATER FLOW	1	501907-120
5	METER 5 GPM WATER FLOW W/ NEEDLE VALVE	1	501907-205
6	PLUMB HOUSING FILTER 2.5" DIA X 20"	1	550028-002
	HOUSING FILTER 4.5" DIA X 20"	1	550028-006
7	PRESSURE SWITCH DPST, 10/5 PSI	1	260172-028
8	MANIFOLD ASSY RO OUTPUT - PRESSURE STORAGE	1	187712-001
	MANIFOLD ASSY RO OUTPUT - ATMOSPHERIC STORAGE	1	187712-002
9	MEMBRANE RO 4.0" X 40" EXTRA LOW ENERGY	1	550035-040
10	HOUSING RO MEMBRANE 4" DIA X 40" 316SST	1	550028-007
11	PLUMB FILTER SEDIMENT 5 MICRON 2.5"X 20"	1	550026-002
	PLUMB FILTER SEDIMENT 5 MICRON 4"X 20"	1	550026-003

* Specify RO system model and serial numbers when ordering.

RO system subpanel

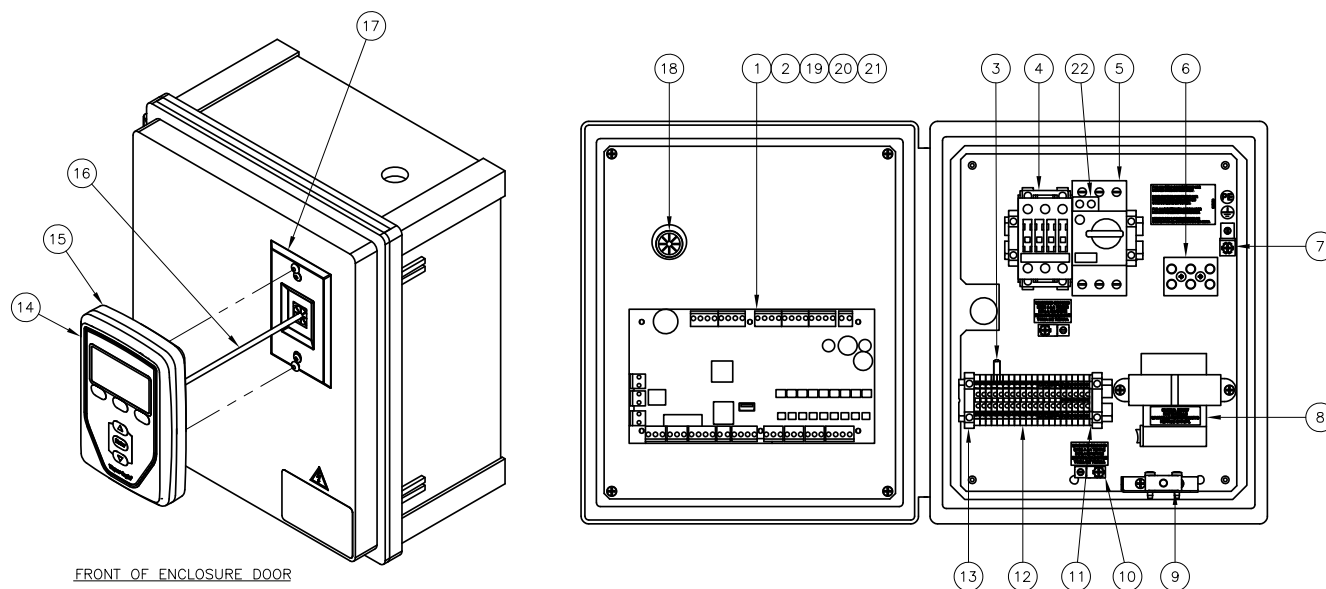
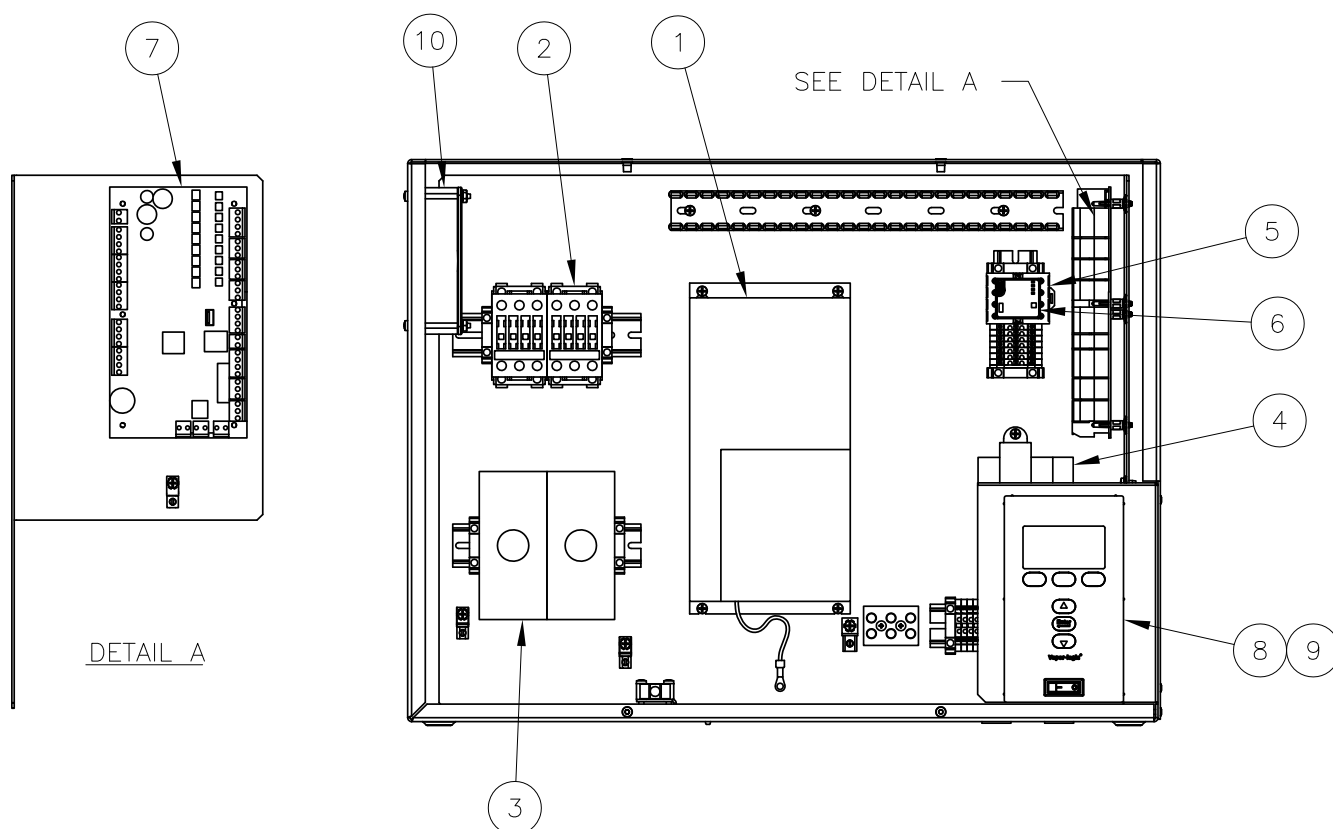
FIGURE 97-1: CONTROL CABINET ASSY RO-400

Table 97-1:
Control cabinet assy RO-400

No.	Description	Qty.	Part No.	No.	Description	Qty.	Part No.
1	Main controller VL6	1	408496-006	10	Lug wire	1	409250-003
2	Module LON protocol (LON option only)	1	408642	11	Terminal DIN rail end cap	1	408252-005
3	Resistor 1.2K OHM through hole	1	408995-008	12	Terminal DIN rail 20A center	1	408252-001
4	Contactor 35A SIEMENS	1	407010-001	13	Terminal DIN rail end	1	408252-006
5	Starter motor manual 2.5-4 AMP rotary (WT 1HP 480V/3PH)	1	407015-003	14	Display VL w/o back Vapor-logic	1	408495-002
	Starter motor manual 6.3-10 AMP Rotary (WT 1HP 220V/1PH) (WT 3HP 480V/3PH)	1	407015-005	15	Case rear display Vapor-logic	1	408495-003
	Starter motor manual 11-16 AMP rotary (WT 3HP 220V/1PH)	1	407015-006	16	Wire data cable 27" RJ-12	1	408490-014
	Starter motor manual 14-20 AMP rotary (WT 1HP 120V/1PH)	1	407015-007	17	Mount wallplate wallphone SST	1	408490-021
6	Terminal block 3 pole pressure contact	1	408300-002	18	Bushing 7/8" shutter heyco	1	407129
7	Lug medium	1	409250-027	19	Plug 2 circuit vertical euro molex	1	406246-002
8	Transformer 120/208/240/480V TO24VAC 75V	1	408965-001	20	Plug 3 circuit vertical euro molex	1	406246-003
9	Switch door interlock	1	530010-002	21	Plug 4 circuit vertical euro molex	1	406246-004
				22	Motor starter aux switch, no	1	407015-010

High-pressure system

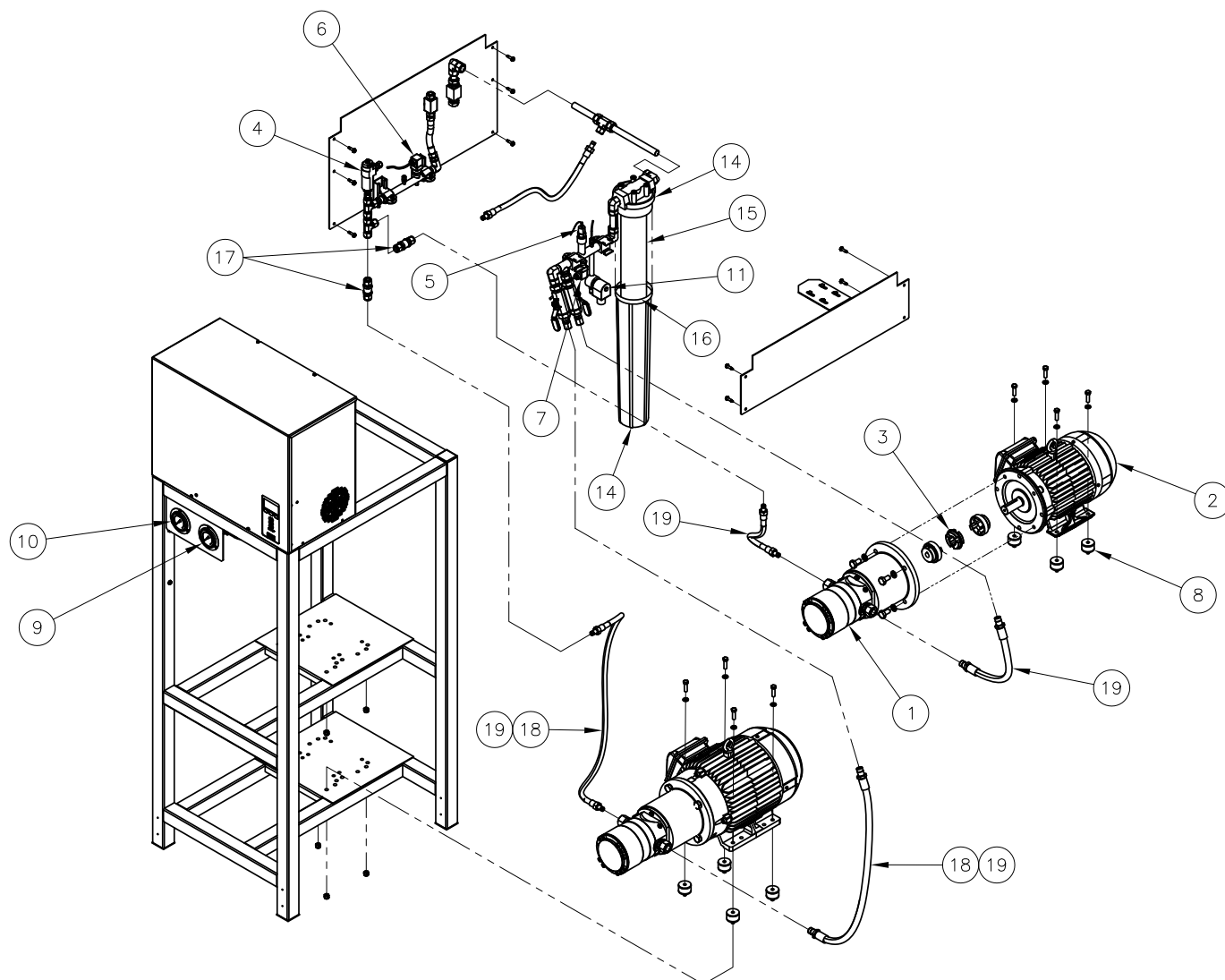
FIGURE 98-1: HIGH-PRESSURE SYSTEM REPLACEMENT PARTS

**Table 98-1:
High-pressure system replacements parts**

No.	Description	Qty.	Part No.	No.	Description	Qty.	Part No.
1	Drive variable freq 2HP 230 V 1 PH micro	1	407020-001	3	Starter motor manual 1-1.6 AMP rotary	1	407015-001
	Drive variable freq 2HP 480 V 3 PH micro	1	407020-003		Starter motor manual 1.6-2.5 AMP rotary	1	407015-002
	Drive variable freq 2HP 600 V 3 PH micro	1	407021-001		Starter motor manual 2.5-4 AMP rotary	1	407015-003
	Drive variable freq 3HP 230 V 1 PH micro	1	407020-002		Starter motor manual 4-6.3 AMP rotary	1	407015-004
	Drive variable freq 3HP 480 V 3 PH micro	1	407020-004		Starter motor manual 6.3-10 AMP rotary	1	407015-005
	Drive variable freq 3 HP 600V 3 PH micro	1	407021-002		Starter motor manual 11-16 AMP rotary	1	407015-006
	Drive variable freq 5HP 480 V 3 PH micro	1	407020-005		Transformer 120/208/240/480V TO24VAC 75V	1	408965-001
	Drive variable freq 5 HP 600V 3 PH micro	1	407021-003	4	Transformer 600V TO 24VAC 75VA	1	408986
	Drive variable freq 7.5HP 480 V 3P micro	1	407020-006		Socket relay DPDT without time delay	1	407900-019
	Drive variable freq 7.5HP 600V 3PH micro	1	407021-004		Relay 24V DPDT finder	1	407900-016
	Drive variable freq 10HP 480 V 3PH micro	1	407020-007		Main controller VL6	1	408496-006
	Drive variable freq 10 HP 600V 3PH micro	1	407021-005		Membrane VL XTP	1	408495-115
	Drive variable freq 15HP 480 V 3PH micro	1	407020-008		Board display VL XT	1	408495-004
	Drive variable freq 15 HP 600V 3PH micro	1	407021-006		Fan cooling 24" leads VM99	1	408677-001
2	Contractor 35A Siemens	1	407010-001				

High-pressure system

FIGURE 99-1: HIGH-PRESSURE SYSTEM REPLACEMENT PARTS

Exploded view of the each unique replacement part for the High-pressure system.

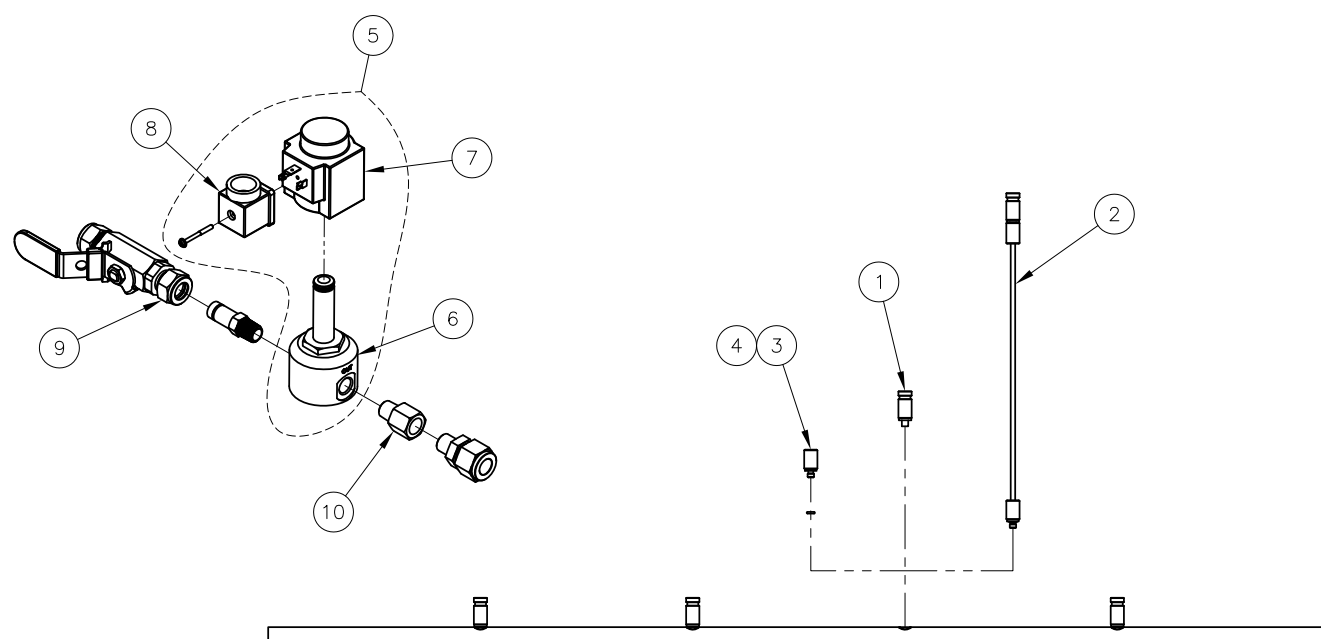


High-pressure system

Table 100-1:
High-pressure system replacements parts

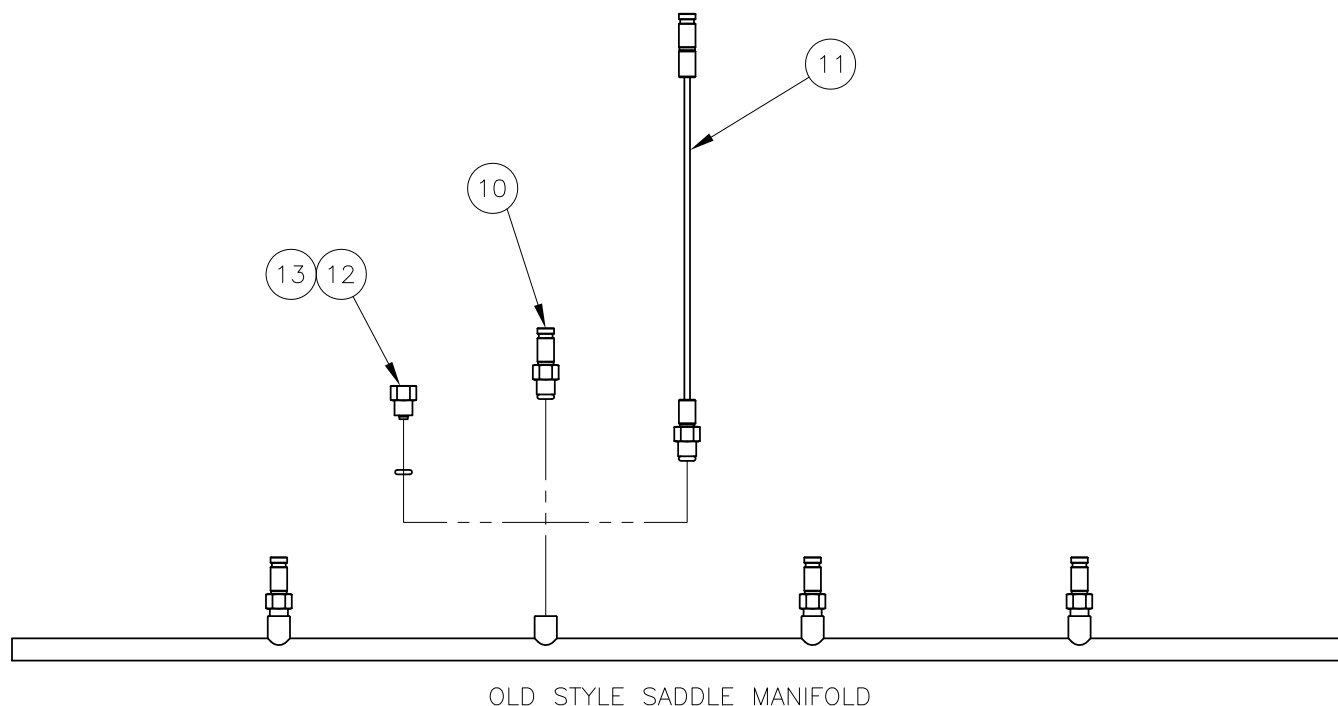
No.	Description	Qty.	Part No.	No.	Description	Qty.	Part No.
1	Pump high pressure - PAH 2CC/REV (Model-250/500)	1	400285-001	7	Control transducer low pressure 0-100PSI	1	405882-002
	Pump high pressure - PAH 4CC/REV (Model-1000)	1	400285-003	8	Mount 5/16"-18 vibration damping 55#	1	310171-001
	Pump high pressure - PAH 6.3CC/REV (Model-1750)	1	400285-004		Mount 3/8"-16 vibration damping 125#	1	310171-002
	Pump high pressure - PAH 10CC/REV (Model-2500)	1	400285-005	9	Gauge liquid filled panel mount 0-2000PSI	1	260004-005
	Pump high pressure - PAH 12.5CC/REV (Model-3500)	1	400285-006	10	Gauge liquid filled panel mount 0-100PSI	1	260004-004
	Pump high pressure - PAHT 20CC/REV (Model-5500)	1	400286-001	11	Valve fill SST 1/4" 24V 0.281 NEMA4	1	505086
2	Motor - 3 Phase 1 HP 208-230/460V	1	407025-001	14	Plumb housing filter 2.5" DIA X 20"	1	550028-002
	Motor - 3 Phase 1.5 HP 208-230/460V	1	407025-002	15	Plumb filter sediment 5 micron 2.5"X20"	1	550026-002
	Motor - 3 Phase 3 HP 208-230/460V	1	407025-004	16	O-ring 2.5" diameter filter housing	1	550028-005
	Motor - 3 Phase 5 HP 208-230/460V	1	407025-005	17	Valve check 1/2" 1/3PSI	1	505057
	Motor - 3 Phase 7.5 HP 208-230/460V	1	407025-006	18	Hose 1/2" X 28" TEFLON TSXTS (Single, low pressure, Model-250 thru 1750)	1	307022-028
	Motor - 3 Phase 10 HP 208-230/460V	1	407025-007		Hose 3/4" X 28" TEFLON TSXTS (Single, low pressure, Model-2500 THRU 3500)	1	307023-028
	Motor - 3 Phase 15 HP 208-230/460V	1	407025-008		Hose 3/4" X 26" TEFLON TSXTS (Single, low pressure, Model-5500)	1	307023-026
	Motor - 3 Phase 1 HP 575V	1	407025-101		Hose 1/2" X 18" TEFLON TSXTS (Single, high pressure, Model-250 thru 1750)	1	307022-018
	Motor - 3 Phase 1.5 HP 575V	1	407025-102		Hose 1/2" X 16" TEFLON TSXTS (Single, high pressure, Model-2500 THRU 3500)	1	307022-016
	Motor - 3 Phase 3 HP 575V	1	407025-104		Hose 1/2" X 12" TEFLON TSXTS (Single, high pressure, Model-5500)	1	307022-012
	Motor - 3 Phase 5 HP 575V	1	407025-105	19	Hose 1/2" X 24" TEFLON TSXTS (REDUN, PUMP-1, low pressure, Model-250 THRU 1750)	1	307022-024
	Motor - 3 Phase 7.5 HP 575V	1	407025-106		Hose 3/4" X 24" TEFLON TSXTS (REDUN, PUMP-1, low pressure, Model-2500 THRU 3500)	1	307023-024
	Motor - 3 Phase 10 HP 575V	1	407025-107		Hose 3/4" X 22" TEFLON TSXTS (REDUN, PUMP-1, low pressure, Model-5500)	1	307023-022
	Motor - 3 Phase 15 HP 575V	1	407025-108		Hose 1/2" X 42" TEFLON TSXTS (REDUN, PUMP-2, low pressure, Model-250 THRU 1750)	1	307022-042
	Coupling insert small Hytrel	1	400303-001		Hose 3/4" X 42" TEFLON TSXTS (REDUN, PUMP-2, low pressure, Model-2500 THRU 3500)	1	307023-042
	Coupling insert medium Hytrel	1	400303-002		Hose 3/4" X 40" TEFLON TSXTS (REDUN, PUMP-2, low pressure, Model-5500)	1	307023-040
	Coupling insert large Hytrel	1	400303-003		Hose 1/2" X 16" TEFLON TSXTS (REDUN, PUMP-1, high pressure, Model-250 THRU 1750)	1	307022-016
	Valve pressure relief VRH30	1	300171-001		Hose 1/2" X 14" TEFLON TSXTS (REDUN, PUMP-1, high pressure, Model-2500 THRU 3500)	1	307022-014
	Valve pressure relief VRH60	1	300171-002		Hose 1/2" X 10" TEFLON TSXTS (REDUN, PUMP-1, high pressure, Model-5500)	1	307022-010
	Valve pressure relief VRH5	1	300171-004		Hose 1/2" X 38" TEFLON TSXTS (REDUN, PUMP-2, high pressure, Model-250 THRU 1750)	1	307022-038
	Sensor temperature 1/2" NPT 1K RTD	1	405760-003		Hose 1/2" X 36" TEFLON TSXTS (REDUN, PUMP-2, high pressure, Model-2500 THRU 3500)	1	307022-036
	Control transducer high pressure 0-2000 PS	1	405882-001		Hose 1/2" X 32" TEFLON TSXTS (REDUN, PUMP-2, high pressure, Model-5500)	1	307022-032

High-pressure dispersion system

FIGURE 101-1: HIGH-PRESSURE DISPERSION SYSTEM

Table 101-1:
High-pressure system

No.	Description	Qty.	Part No.
1	Nozzle assembly 6 lb/hr 0.15 mm hole	1	197102-006
	Nozzle assembly 10 lb/hr 0.20 mm hole	1	197102-010
	Nozzle assembly 15 lb/hr 0.30 mm hole	1	197102-015
2	Nozzle extension assembly 6 pph service kit	1	197101-006
	Nozzle extension assembly 10 pph service kit	1	197101-010
	Nozzle extension assembly 15 pph service kit	1	197101-015
3	Plug manifold 10-24 M	1	270012-002
4	O-ring 3.5 mm ID x 5.9 mm OD 70D Buna-N	1	300500-006
5	Valve assembly solenoid ¼" staging HPAS	1	184300-001
6	Valve ¼" solenoid high pressure	1	505086-008
7	Valve coil solenoid	1	505086-007
8	Valve coil cap conduit	1	505086-006
9	Valve ball 316SST H-700 ½" CMP	1	505005-001
10	½" Hydraulic hose, 18" L (Not Shown)	1	307022-08
11	Accumulator, ½" connection, 635 psi setpoint (Not Shown)	1	600780

High-pressure dispersion system

FIGURE 102-1: HIGH-PRESSURE DISPERSION SYSTEM

Table 102-1:
High-pressure system

No.	Description	Qty.	Part No.
10	Nozzle assembly HPS 6 pph retrofit kit	1	900102-006
	Nozzle assembly HPS 10 pph retrofit kit	1	900102-010
11	Nozzle extension 8" HPS 6 pph retrofit kit	1	900101-006
	Nozzle extension 8" HPS 10 pph retrofit kit	1	900101-010
12	Plug manifold 1/8" MNPT	1	270007-002
13	O-ring 0.174 id x 0.103W 70d	1	300500-005