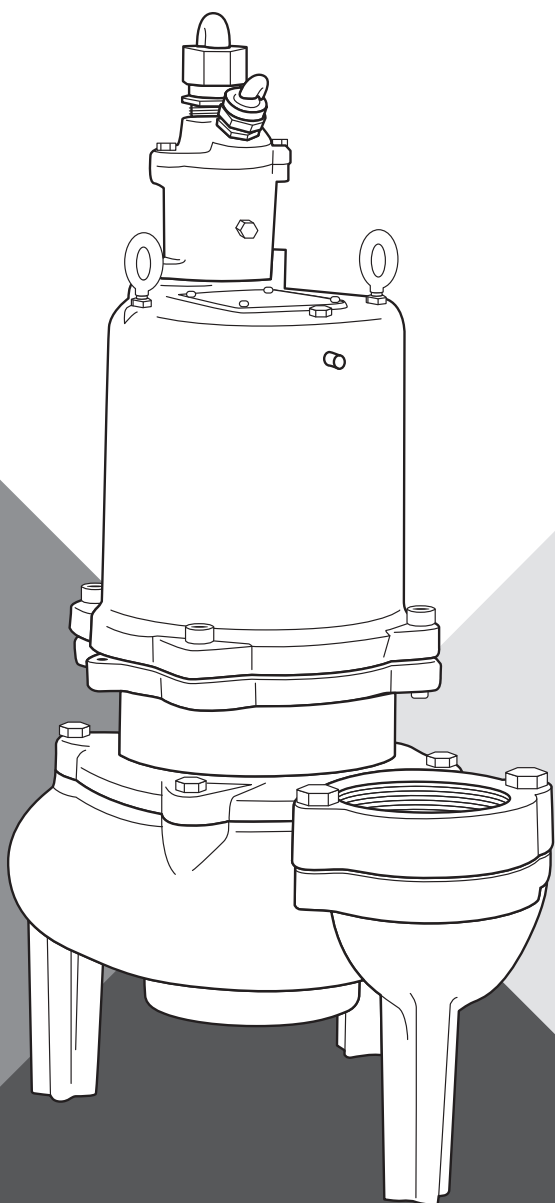




SOLIDS HANDLING PUMPS



HYD4527 / 2833A756 (06-26-25)

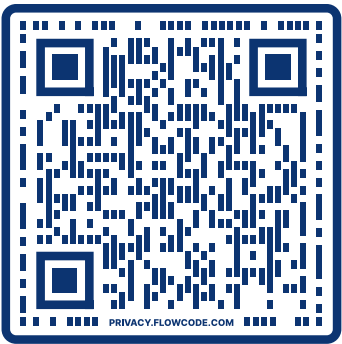
REPAIR KITS AND PARTS GUIDE

pentair.com/hydromatic

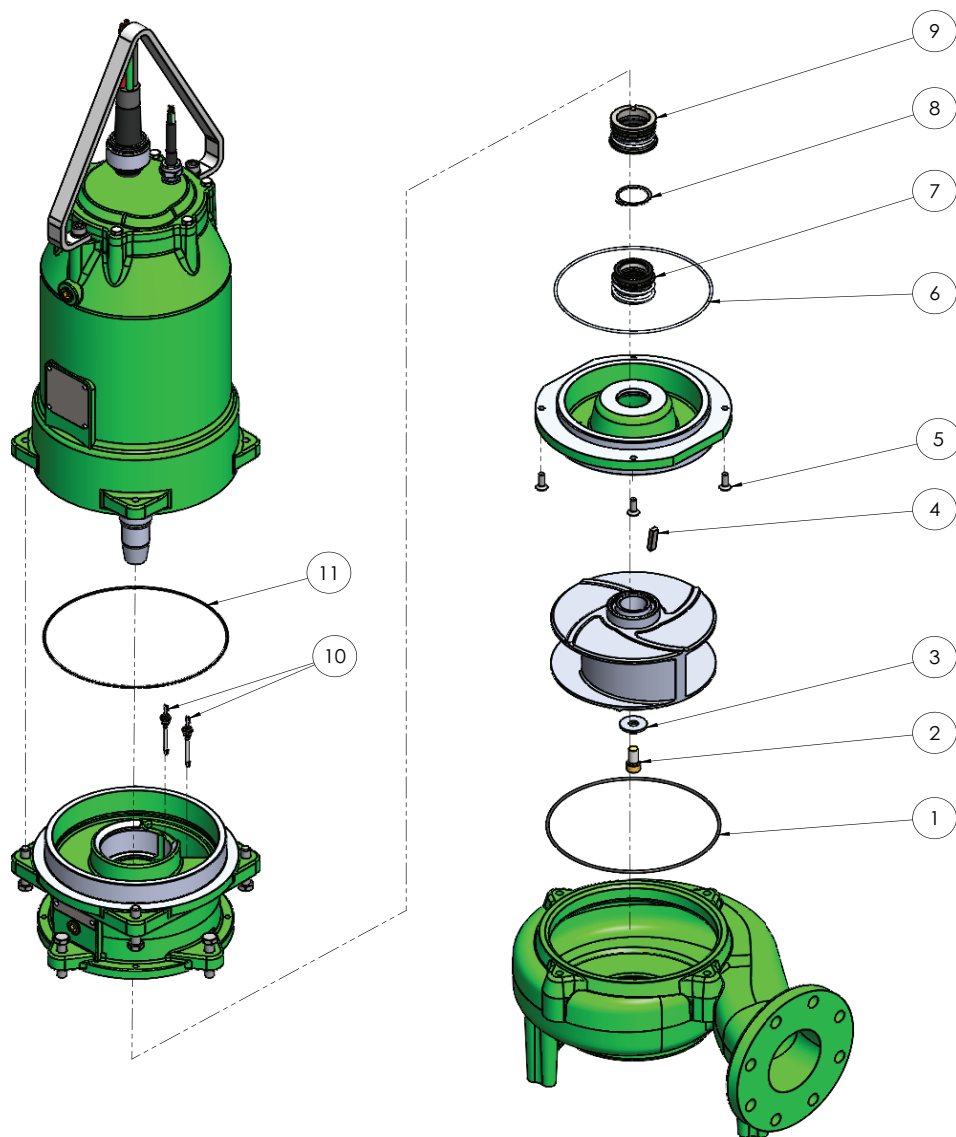
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READY TO ORDER YOUR KIT?
SCAN THIS CODE TO LOCATE
YOUR NEAREST HYDROMATIC
AUTHORIZED DISTRIBUTOR



HYDROMATIC SOLIDS HANDLING PUMPS - MECHANICAL SEAL REPAIR KIT (FM1)



PARTS INCLUDED IN SEAL REPAIR KIT

PART NO.	PART DESCRIPTION	QTY
1	O-Ring, Volute	1
2	Impeller Screw	1
3	Impeller Washer	1
4	Impeller Key	1
5	Screws, Seal Plate	4*
6	O-Ring, Seal Plate	1

PART NO.	PART DESCRIPTION	QTY
7	Lower Mechanical Seal	1
8	Ring-Ret. External 1	1
9	Upper Mechanical Seal	1
10	Seal Leak Probe	2
11	O-Ring Motor	1

NOTES

1. *SEAL PLATE SCREWS QTY MAY VARY ACCORDING TO PUMP MODEL SELECTED.
2. OIL AND LOCTITE NOT INCLUDED, PURCHASE SEPARATELY.

HYDROMATIC SOLIDS HANDLING PUMPS - MECHANICAL SEAL REPAIR KIT (FM1)

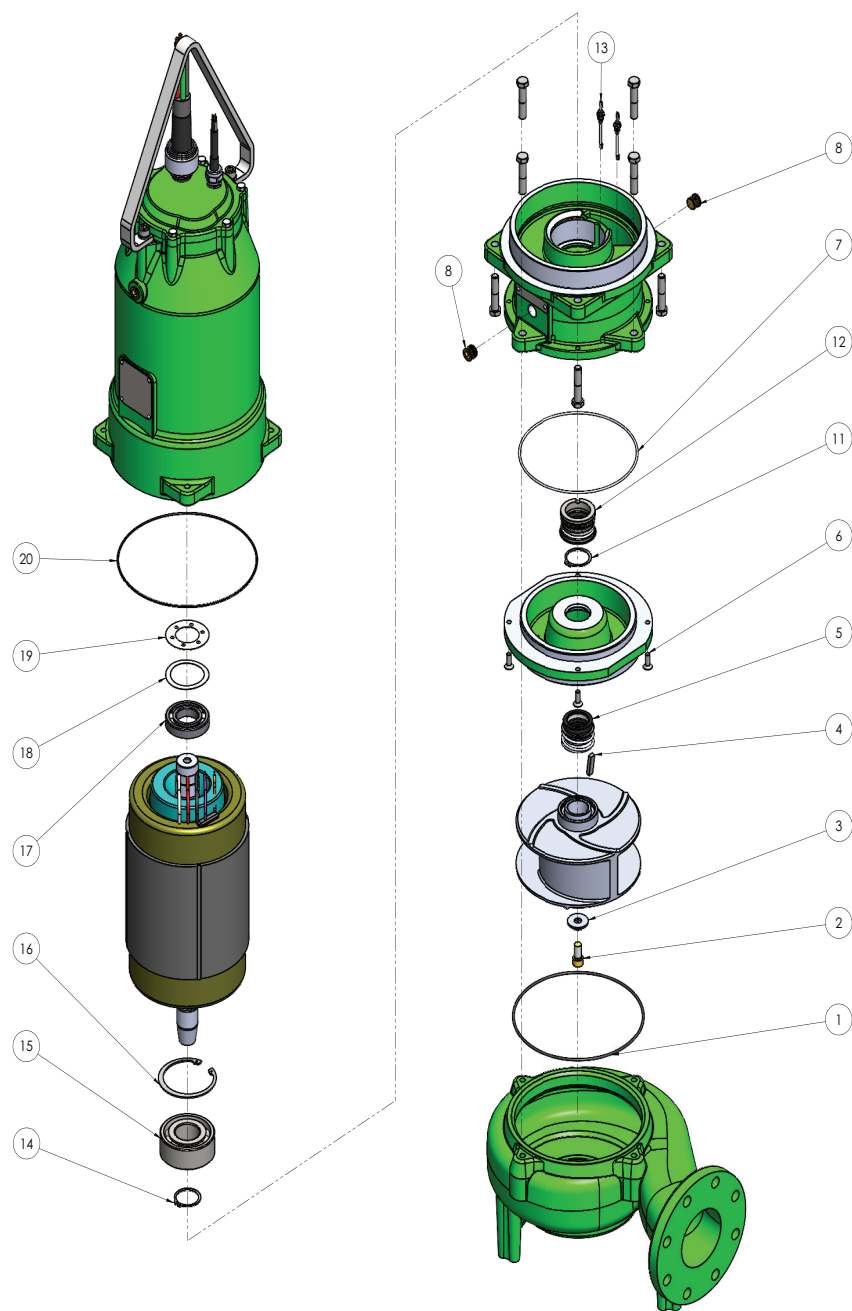
KIT SELECTION TABLE

KIT ORDERING NO.	SERIES
528810007	S3H, S3N, S3R, S4H, S4N
528810017	S3HX, S3NX, S3RX, S4HX, S4NX
528810027*	S4MP, S4MVP
528810037*	S4MVXP, S4MXP
528810047*	S4M, S4MRC
528810057*	H3H, H4H, S4P
528810067*	S4HVP
528810077*	S4HVXP
528810087*	S4HRC
528810097*	S4TP, S8LAP, S8LP, S12LP (320 FRAME)
528810107*	S4TP, S8LAP, S8LP, S12LP (360 FRAME)
528810117	S3HVX
528810127	S4NRC
528810137	S4NVX
528810147*	H3HP, H4HP, S4PP
528810157*	H3HXP, H4HXP, S4PXP
528810167*	H4Q, S4B, S4K, S4L, S4LRC, S6A, S6L, S8F
528810187*	H4QXP, S4BXP, S4KXP, S4LVXP, S4LXP, S6AXP, S6LXP, S8FXP
528810197*	H4QP, S4BP, S4LP, S4LVP, S6AP, S6LP, S8FP, S4KP, S6LP
528810207*	S4LRC
528810217	S3HRC
528810227	S3WD (3450RPM)
528810237	S3WRD (3450 RPM)
528810247	S3W (3450 RPM)
528810257	S3WR (3450 RPM)
528810267	S3WD (1750 RPM)
528810277	S3WRD (1750 RPM)
528810287	S3W (1750 RPM)
528810297	S3WR (1750 RPM)
528810307	S3S, SB3S
528810317	S4S, SB4S
528810327	S3SD, S4SD, SB3SD, SB4SD
528814007*	S4TXP, S8LAXP, S8LXP, S12LXP (320 FRAME)
528814017*	S4TXP, S8LAXP, S8LXP, S12LXP (360 FRAME)

NOTES

1. *KITS CREATED FOR MODELS UTILIZING USEM MOTORS.
2. HAZARDOUS LOCATION PUMPS MUST BE RETURNED TO THE FACTORY FOR ELECTRICAL AND MOTOR SERVICE. REMOVAL OF SEAL PLATE WILL VOID FM LISTINGS ON SOME MODELS.
3. KITS AND PARTS ARE FOR ORDINARY LOCATION PUMP SERIES ONLY, UNLESS OTHERWISE NOTED AS SUITABLE FOR HAZARDOUS LOCATION (SERIES NUMBERS CONTAINING 'X').

HYDROMATIC SOLIDS HANDLING PUMPS - OVERHAUL REPAIR KIT (FM3)



PARTS INCLUDED IN OVERHAUL KIT

PART NO.	PART DESCRIPTION	QTY
1	O-Ring, Volute	1
2	Impeller Screw	1
3	Impeller Washer	1
4	Impeller Key	1
5	Lower Mechanical Seal	1
6	Screws, Seal Plate	4*
7	O-Ring, Seal Plate	1
8	Oil Plug	2
11	Ring-Ret. External 1	1
12	Upper Mechanical Seal	1
13	Seal Leak Probe	2
14	Ring-Ret. External 2	1
15	Lower Bearing	1
16	Ring-Ret. Internal	1
17	Upper Bearing	1
18	Thrust Washer	1
19	Screen	1
20	O-Ring, Motor	1

NOTES

- 1. *SEAL PLATE SCREWS QTY MAY VARY ACCORDING TO PUMP MODEL SELECTED.
- 2. OIL AND LOCTITE NOT INCLUDED, PURCHASE SEPARATELY.

HYDROMATIC SOLIDS HANDLING PUMPS - OVERHAUL REPAIR KIT (FM3)

KIT SELECTION TABLE

KIT ORDERING NO.	SERIES
528810337	S4N, S3H, S4H, S3N, S3R
528810347*	S4MP, S4MVP
528810357*	S4M, S4MRC
528810367*	S4P, H4H, H3H
528810377*	S4HVP
528810387	S4HRC
528810397*	S4TP, S8LAP, S8LP, S12LP, (320 FRAME)
528810407*	S4TP, S8LAP, S8LP, S12LP (360 FRAME)
528810417	S4NRC
528810427*	S4PP, H3HP, H4HP
528810437*	S4L, S6L, S4LRC, S8F, S4K, S4B, S6A, H4Q
528810447*	S4LP, S4BP, S4KP, S4LVP, H4QP, S6LP, S6AP, S8FP
528810457*	S4LRC
528810467	S3HRC
528810477	S3S, SB3S
528810487	S4S, SB4S
528810497	S3SD, SB3SD, S4SD, SB4SD

NOTES

1. *KITS CREATED FOR MODELS UTILIZING USEM MOTORS.
2. KITS AND PARTS ARE FOR ORDINARY LOCATION PUMP SERIES ONLY, UNLESS OTHERWISE NOTED AS SUITABLE FOR HAZARDOUS LOCATION (SERIES NUMBERS CONTAINING 'X').

NOTES PAGE

STANDARD LIMITED WARRANTY

Pentair Hydromatic warrants its products against defects in material and workmanship for a period of 12 months from the date of shipment from Pentair Hydromatic or 18 months from the manufacturing date, whichever occurs first – provided that such products are used in compliance with the requirements of the Pentair Hydromatic catalog and technical manuals for use in pumping raw sewage, municipal wastewater or similar, abrasive-free, noncorrosive liquids.

During the warranty period and subject to the conditions set forth, Pentair Hydromatic, at its discretion, will repair or replace to the original user, the parts that prove defective in materials and workmanship. Pentair Hydromatic reserves the right to change or improve its products or any portions thereof without being obligated to provide such a change or improvement for prior sold and/or shipped units.

Start-up reports and electrical schematics may be required to support warranty claims. Submit at the time of start up through the Pentair Hydromatic website: <http://forms.pentairliterature.com/startupform/startupform.asp?type=h>. Warranty is effective only if Pentair Hydromatic authorized control panels are used. All seal fail and heat sensing devices must be hooked up, functional and monitored or this warranty will be void. Pentair Hydromatic will cover only the lower seal and labor thereof for all dual seal pumps. Under no circumstance will Pentair Hydromatic be responsible for the cost of field labor, travel expenses, rented equipment, removal/reinstallation costs or freight expenses to and from the factory or an authorized Pentair Hydromatic service facility.

This limited warranty will not apply: (a) to defects or malfunctions resulting from failure to properly install, operate or maintain the unit in accordance with the printed instructions provided; (b) to failures resulting from abuse, accident or negligence; (c) to normal maintenance services and parts used in connection with such service; (d) to units that are not installed in accordance with applicable local codes, ordinances and good trade practices; (e) if the unit is moved from its original installation location; (f) if unit is used for purposes other than for what it is designed and manufactured; (g) to any unit that has been repaired or altered by anyone other than Pentair Hydromatic or an authorized Pentair Hydromatic service provider; (h) to any unit that has been repaired using non factory specified/ OEM parts.

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