

Questions? Call 1-800-810-1053



AV6 & AV8 Series Metallic Vertical Centrifugal Pumps Installation and Maintenance Instructions

ASSEMBLY

PUMPS WITH MOTORS

- 1. No assembly required. Simply unpack the pump and motor and examine for any signs of shipping damage. If damage is detected, save the packaging and contact the carrier immediately.
- instructions provided.

PUMPS WITHOUT MOTORS

- 1. Unpack the pump and the supplied accessories and examine for damage. If damage is detected, save the packaging and notify the carrier immediately.
- 2. Install the coupling half (part of item 9) onto the motor shaft so that it is flush with the end of the motor shaft (the coupling body - not the three prongs). Tighten the setscrews on the coupling, and place the coupling insert (rubber part of item 9) firmly in place on the coupling.
- 3. Place the motor carefully on its fan cover with the motor shaft pointing straight up. Place the motor adapter (item 1) onto the motor face making sure to align the bolt holes.
- 4. Carefully lower the pump assembly on to the motor so that the motor shaft goes through the motor mount (item 2). Note that the mounting plate orientation is normally set so that the discharge is opposite the motor feet (or the electrical box if the motor has no feet). Adjust the motor shaft so that the three prongs on the shaft coupling align with the three empty slots in the motor shaft coupling with the insert. Once the coupling alignment is correct (and the mounting plate alignment), rotate the pump until the bolt alignment from the motor mount (item 2), through the motor adapter (item 1) to the motor is correct. Install and tighten the four bolts and washers (items 4, 5, and 6).
- 5. Spin the pump shaft by gripping the coupling assembly (Item 9) to verify that there is no binding on the shaft.
- 6. Install the motor mount guard screen (item 3) with the hardware provided (items 7 & 8).
- 7. Install the pump into the system following the installation instructions provided.

INSTALLATION REQUIREMENTS

MOUNTING

- 1. Base plate must be securely fastened so that there is no vibration when pump is running.
- 2. Align the piping with the pump discharge. Do not connect the piping until it is aligned properly and supported independently. Do not pull the piping in line with the pump or support the piping with the pump.

3. A valve should be installed in the discharge line during the initial operation of the pump. Then determine the power consumed. If necessary, throttle back the flow until the pump draws the rated horsepower of the motor.

PIPING TO AND FROM THE PUMP

- 2. To install the pump into the system, just follow the installation 1. Install a valve on the discharge line to control the flow. Place the valve within a distance of ten pipe diameters. Always support the piping near the pump to minimize stress and strain.
 - 2. Minimize frictional losses by increasing the piping size by one diameter.
 - 3. Use a minimum number of bends, keeping any bends a minimum distance of ten pipe diameters from the pump.
 - 4. Ensure the pump is leak free.
 - 5. Maintain a flooded suction at all times. Use a float switch to turn off the pump at low level.

ACAUTION: Do not run the pump dry. This pump should never be started without liquid in the casing. This could damage the pump. The fluid being transferred by the pump lubricates the pump components. Even short periods of running the pump dry could damage the pump. It is recommended that run dry protection be used. Optional electrical power monitors are available to help protect against run dry.

MOTOR/ELECTRICAL

Only gualified personnel trained in the safe installation and operation of this equipment should install the motor. Install the motor according to National Electric Code, NEMA MG-2, IEC standards requirements and/or applicable local electrical codes. The voltage and frequency variations of the power supply should never exceed the limits established in the applicable standard. Prior to connecting to the power line, check nameplate voltage, rotation connection and ensure proper grounding. Sufficient ventilation area should be provided to insure proper operation and cooling of the motor. The motor must be installed with a suitable overload protection circuit. For three phase motors it is recommended to install a phase failure protection device. Download the motor manual from the specific motor manufacturers' website for additional information concerning motor installation, safety and maintenance instructions.

Wire the motor for clockwise rotation when facing the fan end of the motor.

CAUTION: Do not operate the pump to check rotation until the pump is full of liquid or damage may occur even if the motor is "bumped" to check motor rotation direction.

Check all electrical connections with the wiring diagram on the motor. Make sure the voltage, frequency, phase and amp draw comply with the supply circuit.



If utilized, verify that power monitors or variable frequency drives have been properly installed according to the manufacturer's instructions.

Note: A pump running backwards will pump, but a greatly reduced flow and pressure.

OPERATION

- 1. Completely open the discharge valve.
- 2. After verifying the pump housing is flooded, start the pump and verify the liquid is flowing. If there is no liquid flowing, refer to the "Troubleshooting" section of these instructions.
- 3. Adjust the flow rate and pressure by regulating the discharge valve.

MAINTENANCE

DISASSEMBLY

- 1. Disconnect the power, and remove the electrical wiring.
- 2. Close the discharge valve, and disconnect the piping.
- 3. Remove the mounting bolts and pull the pump from the tank.

Note: Stainless Steel hardware can gall, be damaged and become very difficult to remove. To prevent galling use a lubricant like Loctite Anti-Seize or some other compatible lubricant or coating material, use a slow RPM speed to tighten and immediately stop tightening if galling is noticed. If galled remove & replace the hardware.

4. For AV6— lubricate the threaded part of the v-clamp (item 29), and then loosen the v-clamp nut. Remove the v-clamp (note clamp orientation for re-assembly) and the housing/discharge pipe (items 28, 30, 31 and 32). Remove the housing o-ring (item 25).

For AV8 – Remove the 8 bolts, washers, and nuts (items 14, 16, 33 and 34), and the housing/discharge pipe (items 28, 30, 31 and 32). Remove the housing 0-ring (item 25).

- 5. Gripping the impeller firmly, remove the single bolt and washer (items 14 and 27) from the middle of the impeller and pull the impeller (item 26) straight off.
- 6. Remove the 4 screws/washers (items 7 and 8) and remove the motor mount screen guard (item 3). Mark the motor end of the motor mount for future reference.
- 7. Remove 4 bolts, washers, and lock washers (items 4, 5 and 6) and separate the motor mount (item 2) from the motor adapter (item 1). Note the mounting plate orientation in comparison to the motor. You will need to pull the pump straight back to separate 8. Grab hold of the couplings (item 9) and spin the shaft several the coupling halves. Remove the bolts, washers, & lock washers (items 15, 14, and 16) and separate the motor mount (item 2) from the lower bearing mount (item 12).
- 8. Loosen the setscrews and remove the coupling half (item 9) on the pump shaft (item 23). Accurately measure the distance from the end of the shaft to the locking collar on the bearing assembly. Make sure to file down any setscrew marks on the shaft.
- 9. Loosen the setscrew on the locking ring (part of item 10) and find the dimple in the ring. The locking ring is tightened onto the shaft in a cam style design. Note the mark made in the dimple when it was tightened and use a drift to drive the ring in the opposite direction. Remove the locking ring and file the setscrew

mark smooth. Slide the pump shaft toward the impeller end of the pump and remove it.

10. Remove the 4 bolts/washers (items 14 and 13) and the bearing assembly (item 10) from the lower bearing mount (item 12). Remove (note seal orientation) the lip seal (item 11) from the lower bearing mount and discard.

INSPECTION

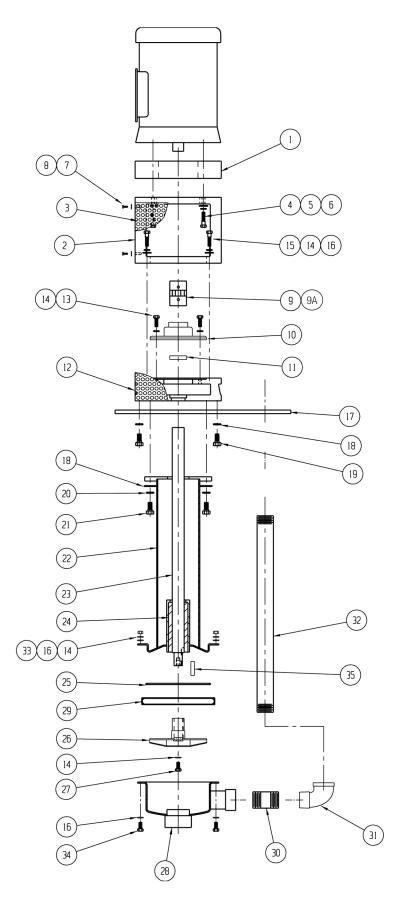
- 1. Inspect the bearing assembly (item 10) for corrosion or wear.
- 2. Inspect the pump shaft (item 23) for wear in the lower bushing area.
- 3. Inspect the lower bushing for unusual wear. (item 24). If any is detected consult the factory.

REASSEMBLY

- 1. Install the lip seal (item 11) into the lower bearing mount (item 12). Note that the open side of the seal faces the motor end.
- 2. Install both the bearing assembly (item 10) and the bolts with washers (items 13 & 14) but do not tighten the bolts.
- 3. Lubricate (with a chemically compatible lubricant) the inner diameter of the lip seal, and then gently insert the pump shaft up through the lower bearing, through the lip seal, and through the bearing assembly. Install the bearing locking ring. Adjust the pump shaft to the dimension taken before disassembly (step 8). and tighten the locking collar. Tighten the setscrew on the locking collar.
- 4. Install the coupling half (part of item 9) so that the body (not the 3 prongs) is flush with the end of the shaft and tighten the setscrews.
- 5. Set motor mount (item 2) onto the lower bearing mount (item 12) and install the bolts and washers (items 14, 15 and 16). Do not tighten the bolts yet.
- 6. Set the motor carefully on its fan cover with the motor shaft pointing straight up. Place the motor adapter (item 1) onto the motor face making sure to align the bolt holes.
- 7. Make sure the coupling insert (part of item 9) is installed in the motor coupling half. Carefully lower the pump assembly onto the motor so that the motor shaft goes through the motor mount (item 2). Replace the mounting plate (item 17) in its original orientation (as noted during disassembly step 7), and guide the pump shaft coupling half into the motor coupling half. Insert and snug the bolts & washers (items 4, 5 and 6) through the motor mount (item 2), the motor adapter (item 1) and into the motor.
- times. Continue spinning the shaft as you tighten the 4 bolts (items 13 and 14) on the bearing assembly (item 10). If the shaft starts to bind, gently tap the bearing assembly in one of four directions until the shaft spins freely.
- 9. Repeat this process as you tighten the bolts (items 14, 15 and 16) holding the motor mount (item 2) to the lower bearing mount (item 12), and as you tighten the bolts (items 4, 5 and 6) which hold the motor mount (item 2).
- 10. Replace the motor mount screen guard (item 3) using the correct screws and washers (items 7 and 8).
- 11. Reinstall the pump into the system according to the installation instructions.



AV 6 & 8 EXPLODED VIEW





AV SPARE PARTS LIST

Item	04.	Decorintion	Part Numbers				
item	Qty	Description	AV6	AV6H	AV8	AV8H	
1		Motor Adapter			-		
	1	NEMA 182/184TC	M101938-1	M101938-1	M101938-1	M101938-1	
		NEMA 213/215TC	M101938-2	M101938-2	M101938-2	M101938-2	
2	1	Motor Mount					
2	I		M101940	M101940	M101940	M101940	
0	-	Coupling Guard					
3	1	304 stainless steel	M101974	M101974	M101974	M101974	
		Flat Washer				·	
4	4	1/2" stainless steel - 182/184TC, 213/215TC	J101360	J101360	J101360	J101360	
		3/8" stainless steel - 56C, 143/145TC	J100128	J100128	J100128	J100128	
		Lock Washer					
5	4	1/2" stainless steel - 182/184TC, 213/215TC	J101023	J101023	J101023	J101023	
Ū	-	3/8" stainless steel - 56C, 143/145TC	J100115	J100115	J100115	J100115	
		Hex Head Bolt	0100110	0100110	0100110	0100110	
6	4	1/2-13 x 2-1/4" SS - 182/184TC, 213/215TC	J103208	J103208	J103208	J103208	
U	-	3/8-16 x 1-1/4" SS - 56C. 143/145TC	J103118	J103118	J103118	J103200	
		Machine Screw	5105110	5105110	5105110	5105110	
7	4	10-32 x 1/2"	J100932	J100932	J100932	J100932	
		Flat Washer	J100932	J100932	J100932	J100932	
8	4		1100000	1100000	1100000	1100000	
		SS - #10	J103638	J103638	J103638	J103638	
		Coupling L-100	4400540	4400540	4400540	4400540	
	1	5/8" - 56C frame	A102512	A102512	A102512	A102512	
9		7/8" - 143/145TC frame	A102513	A102513	A102513	A102513	
		1-1/8" - 182/184TC frame	A102514	A102514	A102514	A102514	
		1-3/8" - 213/215TC frame	A102515	A102515	A102515	A102515	
9A	1	Coupling Insert	1	1	1		
JA		Fits all motor frames	J103241	J103241	J103241	J103241	
10	1	Top Bearing					
10			J103116	J103116	J103116	J103116	
11	1	Lip Seal					
			J103246	J103246	J103246	J103246	
10	1	Lower Bearing Mount				• •	
12			M101939	M101939	M101939	M101939	
	4	Hex Head Bolt			1		
13		Stainless steel - 3/8-16 x 1-1/4"	J103118	J103118	J103118	J103118	
	9 (AV6/H)	Lock Washer					
14	17 (AV8/H)	3/8" stainless steel	J100115	J100115	J100115	J100115	
		Hex Head Cap Screw	0.000	0.00.10	0.000.10	0.000.10	
15 16 17	4 4 (AV6/H) 20 (AV8/H) 1	3/8" - 16 x 1-1/2" stainless steel	J103207	J103207	J103207	J103207	
		Flat Washer	0100207	0100201	0100207	0100201	
		3/8" stainless steel	J100128	J100128	J100128	J100128	
		Mounting Plate	0100120	0100120	0100120	0100120	
		304 stainless steel	J103121	J103121	J103121	J103121	
18 19	8		5105121	3103121	5105121	5105121	
		Flat Washer 1/2" stainless steel	1101260	1101260	1101260	1101260	
			J101360	J101360	J101360	J101360	
		Hex Head Bolt	1101050	1404050	1101050	1404050	
	-	1/2" - 13 x 1" stainless steel	J101359	J101359	J101359	J101359	
20	4	Lock Washer					
		1/2" stainless steel	J101023	J101023	J101023	J101023	
21	4	Hex Head Bolt		1		1	
		1/2-13 x 1-1/2" stainless steel	J101858	J101858	J101858	J101858	

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AV SPARE PARTS LIST cont.

22 23 24 25	Qty 1 1 1	DescriptionColumn Assembly22" 316 stainless steel34" 316 stainless steel46" 316 stainless steel22" 316 stainless steel34" 316 stainless steel34" 316 stainless steel46" 316 stainless steel46" 316 stainless steelCarbonFKMEPDMHousing O-RingFKMEPDMPTFE	AV6 A102215-1 A102215-2 A102215-3 M102147-1 M102147-2 M102147-3 J103077 J103075 J103076 J103084	AV6H A102215-1 A102215-2 A102215-3 M102147-4 M102147-5 M102147-6 J103077 J103075 J103076	AV8 A102215-4 A102215-5 A102215-6 M102147-1 M102147-2 M102147-3 J103077 J103075 J103076	AV8H A102215-4 A102215-5 A102215-6 M102147-1 M102147-2 M102147-3 J103077 J103075
23 24 25	1	22" 316 stainless steel 34" 316 stainless steel 46" 316 stainless steel 22" 316 stainless steel 34" 316 stainless steel 34" 316 stainless steel 34" 316 stainless steel 46" 316 stainless steel Carbon FKM EPDM Housing O-Ring FKM EPDM	A102215-2 A102215-3 M102147-1 M102147-2 M102147-3 J103077 J103075 J103076	A102215-2 A102215-3 M102147-4 M102147-5 M102147-6 J103077 J103075	A102215-5 A102215-6 M102147-1 M102147-2 M102147-3 J103077 J103075	A102215-5 A102215-6 M102147-1 M102147-2 M102147-3 J103077 J103075
23 24 25	1	34" 316 stainless steel 46" 316 stainless steel Shaft 22" 316 stainless steel 34" 316 stainless steel 46" 316 stainless steel 46" 316 stainless steel 46" 316 stainless steel Carbon FKM EPDM Housing O-Ring FKM EPDM	A102215-2 A102215-3 M102147-1 M102147-2 M102147-3 J103077 J103075 J103076	A102215-2 A102215-3 M102147-4 M102147-5 M102147-6 J103077 J103075	A102215-5 A102215-6 M102147-1 M102147-2 M102147-3 J103077 J103075	A102215-5 A102215-6 M102147-1 M102147-2 M102147-3 J103077 J103075
23 24 25	1	46" 316 stainless steel Shaft 22" 316 stainless steel 34" 316 stainless steel 46" 316 stainless steel 46" 316 stainless steel Carbon FKM EPDM Housing O-Ring FKM EPDM	A102215-3 M102147-1 M102147-2 M102147-3 J103077 J103075 J103076	A102215-3 M102147-4 M102147-5 M102147-6 J103077 J103075	A102215-6 M102147-1 M102147-2 M102147-3 J103077 J103075	A102215-6 M102147-1 M102147-2 M102147-3 J103077 J103075
24	1	Shaft 22" 316 stainless steel 34" 316 stainless steel 46" 316 stainless steel Lower Bushing Carbon FKM EPDM Housing O-Ring FKM EPDM	M102147-1 M102147-2 M102147-3 J103077 J103075 J103076	M102147-4 M102147-5 M102147-6 J103077 J103075	M102147-1 M102147-2 M102147-3 J103077 J103075	M102147-1 M102147-2 M102147-3 J103077 J103075
24	1	22" 316 stainless steel 34" 316 stainless steel 46" 316 stainless steel Lower Bushing Carbon FKM EPDM Housing O-Ring FKM EPDM	M102147-2 M102147-3 J103077 J103075 J103076	M102147-5 M102147-6 J103077 J103075	M102147-2 M102147-3 J103077 J103075	M102147-2 M102147-3 J103077 J103075
24	1	34" 316 stainless steel 46" 316 stainless steel Lower Bushing Carbon FKM EPDM Housing O-Ring FKM EPDM	M102147-2 M102147-3 J103077 J103075 J103076	M102147-5 M102147-6 J103077 J103075	M102147-2 M102147-3 J103077 J103075	M102147-2 M102147-3 J103077 J103075
24	1	46" 316 stainless steel Lower Bushing Carbon FKM EPDM Housing O-Ring FKM EPDM	M102147-3 J103077 J103075 J103076	M102147-6 J103077 J103075	M102147-3 J103077 J103075	M102147-3 J103077 J103075
25		Lower Bushing Carbon FKM EPDM Housing O-Ring FKM EPDM	J103077 J103075 J103076	J103077 J103075	J103077 J103075	J103077 J103075
25		Carbon FKM EPDM Housing O-Ring FKM EPDM	J103075 J103076	J103075	J103075	J103075
25		FKM EPDM Housing O-Ring FKM EPDM	J103075 J103076	J103075	J103075	J103075
25		EPDM Housing O-Ring FKM EPDM	J103076			
	1	Housing O-Ring FKM EPDM		J103076	J103076	
	1	FKM EPDM	J103084			J103076
	1	EPDM	J103084	1	1	
	•		1	J103084	J103087	J103087
		PTFF	J103085	J103085	J103088	J103088
			J103257	J103257	J103258	J103258
		Impeller		1		
		5.25"	A102734-6	N/A	N/A	N/A
		5.75"	A102734-7	N/A	N/A	N/A
<u></u>	1	6.00"	A102734-8	N/A	N/A	N/A
26		6.25"	N/A	A102735-1	N/A	N/A
		6.50"	N/A	N/A	A102734-1	N/A
		7.00"	N/A	N/A	A102734-2	A102735-6
		7.50"	N/A	N/A	A102734-3	N/A
		8.00"	N/A	N/A	A102734-9	A102735-7
	1	Hex Head Cap Screw		1	1	
27		3/8"-16 x 1-1/2" stainless steel	J103207	N/A	J103207	N/A
		3/8"-16 x 1" stainless steel	N/A	J100114	N/A	J100114
	1	Impeller Housing				
28		2" x 1-1/2" stainless steel	A102184-2	N/A	A102747-1	N/A
		1-1/4" x 3/4" stainless steel	N/A	A102232	N/A	A102528
29	1	V Clamp				
		304 stainless steel	J103090	J103090	N/A	N/A
	1	Pipe Nipple				
30		1-1/2" x 3" stainless steel	J103193	N/A	N/A	N/A
		3/4" x 4" stainless steel	N/A	J103576	N/A	N/A
		3/4" x 3-1/2" stainless steel	N/A	N/A	N/A	J103193
	1	Elbow				
31		1-1/2" stainless steel	J103194	N/A	J101910	N/A
		3/4" stainless steel	N/A	J103575	N/A	J103575
	1	Discharge Pipe				B1/A
		22" x 1-1/2" stainless steel	M101931-1	N/A	M101931-1	N/A
		34" x 1-1/2" stainless steel	M101931-2	N/A	M101931-2	N/A
32		46" x 1-1/2" stainless steel	M101931-3	N/A	M101931-3	N/A
		22" x 3/4" stainless steel	N/A	M101931-4	N/A	M101931-4
		34" x 3/4" stainless steel	N/A	M101931-5	N/A	M101931-5
		46" x 3/4" stainless steel	N/A	M101931-6	N/A	M101931-6
33	8	Hex Head Nut	B1/5		H OOLOT	1400407
	-	Stainless steel	N/A	N/A	J100135	J100135
34	8	Hex Head Cap Screw				1100111
	-	Stainless steel	N/A	N/A	J100114	J100114
35	1	Shaft Key	M102328	M102328	M102328	M102328



Questions? Call 1-800-810-1053



EU Declaration of Conformity



Finish Thompson Inc. hereby declares that the following machine(s) fully comply with the applicable health and safety requirements as specified by the EU Directives listed. The product may not be taken into service until it has been established that the drive motor for the centrifugal pump complies with the provisions of all relevant EU Directives. The complete product complies with the provisions of the EC Directive on machinery safety provided motors carry CE marking.

This declaration is valid provided that the devices are fully assembled and no modifications are made to these devices.

Type of Device: Centrifugal Pumps

Models:							
AC/AK/AV - 400/500/600/800	GP-11/22/32	VKC-5.5/6/6H/7/8/10					
DB-3/4/5/5.5/6/6H/7/8/9/10/11/15/22	MSKC	SP-10/11/15/22					
KC-3/4/5/5.5/6/6H/8/10/11/22/32 MSVKC							
UC-1516/1516L/1518/1518L/2110/3158/326/326H/328/436/438/4310H/326H/4310H/6410							

EU Directives: Machinery Safety (2006/42/EC)

Applied Harmonized Standards:

EN ISO 12100 EN 809

Manufacturer: Finish Thompson Inc. 921 Greengarden Road Erie, Pennsylvania 16501-1591 U.S.A

Signed,

CEO

18 March 2020

Person(s) Authorized to Compile Technical File: Finish Thompson GmbH Otto-Hahn-Strasse 16 Maintal, D-63477 DEU Telephone: 49 (0)6181-90878-0



Questions? Call 1-800-810-1053

TROUBLESHOOTING

NO OR INSUFFICIENT FLOW

- 1. Pump not primed.
- 2. Closed valve.
- 3. Viscosity too high.
- 4. Air leaks in suction piping.
- 5. Discharge head higher than anticipated.
- 6. Suction lift too high or insufficient NPSH.
- 7. Check for clogged suction line.

INSUFFICIENT PRESSURE

- 1. Air or gas in liquid.
- 2. Impeller diameter too small.
- 3. Discharge head higher than anticipated.
- 4. Motor speed insufficient (too low) or rotation incorrect.

LOSS OF PRIME

- 1. Leaking suction line.
- 2. Foot valve or suction opening not submerged enough.
- 3. Foot valve too small or leaking.
- 4. Air or gas in liquid.
- 5. Foreign matter in impeller.

EXCESSIVE POWER CONSUMPTION

- 1. Head lower than rating. Excessive flow.
- 2. Specific gravity or viscosity of liquid is too high.

EXCESSIVE VIBRATION

- 1. Loose piping or bolts.
- 2. Pump cavitating from improper suction or feed.

WARRANTY

Finish Thompson, Inc warrants this pump product to be free of defects in materials and workmanship for a period of 180 days from date of purchase by original purchaser. If a warranted defect, which is determined by manufacturer's inspection, occurs within this period, it will be repaired or replaced at the manufacturer's option, provided (1) the product is submitted with proof of purchase date and (2) transportation charges are prepaid to the manufacturer. Liability under this warranty is expressly limited to repairing or replacing the product of parts thereof and is in lieu of any other warranties, either expressed or implied. This warranty does apply only to normal wear of the product or components. This warranty does not apply to products or parts broken due to, in whole or in part, accident, overload, abuse, chemical attack, tampering, or alteration. The warranty does

not apply to any other equipment used or purchased in combination with this product. The manufacturer accepts no responsibility for product damage or personal injuries sustained when the product is modified in any way. If this warranty does not apply, the purchaser shall bear all cost for labor, material and transportation.

Manufacturer shall not be liable for incidental or consequential damages including, but not limited to process down time, transportation costs, costs associated with replacement or substitution products, labor costs, product installation or removal costs, or loss of profit. In any and all events, manufacturer's liability shall not exceed the purchase price of the product and/or accessories.

WARRANTY REGISTRATION

Thank you for your purchase of this quality Finish Thompson product. Be sure to take a minute to register your pump at Finishthompson.com/warranty. Simply provide the model number, serial number and a few other pieces of information.

Call our toll free Technical Service Hot Line, 1-800-888-3743, if you have any questions regarding product operation or repair.

ADDITIONAL INFORMATION

ORDERING SPARE PARTS

Spare parts can be ordered from your local distributor. Always refer to pump model number to avoid error.

OTHER FTI PRODUCTS

Drum Transfer Pumps are available in sanitary construction, stainless steel, polypropylene and CPVC. Flows to 40 gpm, discharge heads to 300 feet and viscosities to 100,000 cP.

Portable Mixers for turbine mixing and blending handle viscosities to 1,000 cP with gentle, non-vortex circulation. Available in 316 stainless steel construction.

Sealed Centrifugal Pumps in GF polypropylene and CF PVDF come with a wide variety of sealing materials. Flows to 250 gpm, discharge heads to 130 feet and temperatures to 200 degrees F (93º C).

Sealless Mag Drive Centrifugal Pumps in GF polypropylene, CF PVDF. and ETFE lined ductile iron. Flows to 330 gpm and discharge heads to 325 feet. Handles temperatures up to 220°F. Run-dry capability. Mounts to standard frame motors.



FINISH THOMPSON INC.

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