

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference. 19b

DRUMMOND®

1/10 HP
NON-SUBMERSIBLE
TRANSFER PUMP



63317

⚠WARNING

Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.

Before start-up, note the following:

The pump must be connected to a GFCI protected plug which has been installed according to regulations. The plug must have a supply voltage of 120 VAC at 60 Hz.

CAUTION

This pump has been evaluated for use with water only.

⚠WARNING

IMPORTANT! For your own safety – before starting to run the pump, please have the following items checked by an expert:

1. Risk of electric shock – This pump is supplied with a grounding conductor and grounding-type attachment plug. To reduce the risk of electric shock, be certain that it is connected only to a properly grounded, grounding-type receptacle.
2. Risk of electric shock – This pump has not been investigated for use in swimming pool areas.
3. The electrical connections must be protected from moisture.
4. If there is danger of flooding, the electrical connections must be taken to higher ground.
5. Circulation of caustic fluids, as well as the circulation of abrasive materials, must be avoided at all costs.
6. The pump must be protected from frost.
7. The pump must be protected from running dry.
8. Access by children should also be prevented with appropriate measures.
9.  **To prevent death from electric shock, pump must be connected only to a GFCI protected outlet.**
10.  **Do not pump flammable materials. Motor brushes may spark and cause explosions.**
11. Do not use an extension cord with this item.
12. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
13. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Fluid Type

The Pump is designed for use with water with a maximum temperature of 77° F (25°C). Do not use the pump for other fluids, especially not fuels, cleaning fluids, or other chemical products.

Specifications

Horse Power	1/10 HP
Electrical Rating	120VAC / 60Hz / 2A
Power Cord Length	6’
Maximum Flow @ 0’	320 GPH
Maximum Head lift @ 0 Flow	42′
Discharge Port	3/4″ Garden Hose Thread

Installation

The pump must be installed in a stationary position with either:

a. A fixed pipeline or

b. A flexible hose pipe.

Please note!

1. Do not install the pump by suspending it unsupported from its delivery pipe or power cord. The pump must be suspended from the handle or be placed on the bottom of the basin. To ensure that the pump works properly, keep the bottom free from sludge and dirt of all kinds.
2. If the water level sinks too low, any sludge in the basin will dry out and stop the pump from starting. To help ensure the pump will start as required, check the pump regularly with start-up tests.

Power Supply

1. The pump is equipped with a shock-proof plug according to regulations. The pump is designed to be connected to 120 VAC, 60 Hz GFCI protected socket.
2. Make sure that the socket is sufficiently secured and is in excellent condition.
3. Depending on application, a separate flow switch (not included) may be needed between the plug and the outlet.
4.  **WARNING: To prevent death from electric shock, pump must be connected only to a GFCI protected outlet.**

WARNING! If the power cord or plug is damaged, do not use the pump. The power cord or plug may only be repaired by a certified electrician.

Areas of use

1. This pump is designed to pump water only.
2. This pump is designed to be used for:

   General purpose removal or transfer of clear water.
3. This pump should NOT be used for:

   Continuous run, fountain/pond water features. Removing water from swimming pools or spas. Septic or sewage systems.
4. This pump can also be used to transfer water (e.g. household, farming, plumbing).

Installation Instructions

1. Attach hose to Pump intake port. Attach second hose to Pump discharge port.
2. Position Pump on solid surface so that both hoses are free from kinks. Plug Power Cord into GFCI protected outlet.
3. Place unused end of intake hose in water to be transferred. Place unused end of discharge hose as needed to direct the water discharge at least 3 feet away from the source.

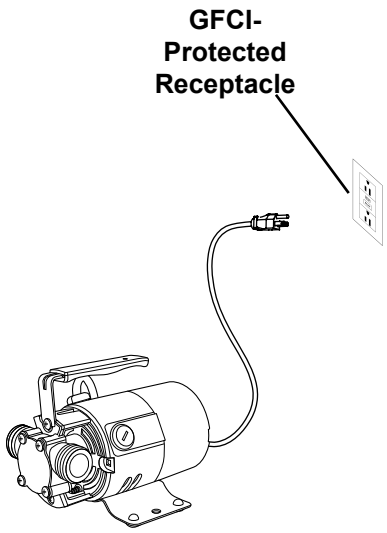


Figure A: GFCI Outlet

Operation

After reading these instructions, consider the following points before starting the pump:

1. Verify that the discharge pipe is properly connected.
2. Verify that the electrical connection is 120 VAC, 60 Hz.
3. Verify that the electrical socket is GFCI protected and in good condition. Test GFCI protected outlet before use.
4. Verify that water and moisture cannot get near the power supply socket.
5. Verify that the pump is installed so as to prevent running dry.

NOTE: Using the included attachment, the Pump will remove water down to 1/8″. Unplug the Pump once 1/4″ water level is reached.

Maintenance

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Unplug the Pump from its electrical outlet before performing any inspection, maintenance, or cleaning procedures.

If the pump is moved during operation, flush it out with clean water after every use.

Quarterly Maintenance

The below maintenance must be performed at least once every 3 months under optimal conditions.
For frequent use, or dirty areas, more frequent maintenance is required.

1. Clean sludge and debris from the bottom of the basin.
2. Clean sludge/debris from inlet screen.
3. Make sure discharge pipe is free from leaks.
4. Make sure check valve is functioning properly.
5. Manually operate any flow switch (not included) to determine that pump turns on/off as intended.

Troubleshooting

Problem	Possible Causes	Possible Solutions
Pump runs, but will not deliver any water.	1. Inlet Screen and/or impeller clogged.	1. Remove Inlet Screen. Clean out dirt and debris from Inlet Screen and impeller. Then replace Inlet Screen.
	2. When starting, the water height falls below the minimum water level (1/8″).	2. There must be at least 1/8″ deep water for the Pump to operate properly, using the included attachment.
	3. Low line voltage.	3. Consult an electrician.
	4. Check valve (sold separately) stuck or installed backwards.	4. Remove and examine check valve.
Pump won't start or run.	1. Check power connections and circuits/fuses.	1. Consult an electrician.
	2. Inlet Screen and/or impeller clogged.	2. Remove Inlet Screen. Clean out Inlet Screen and impeller. Reinstall Inlet Screen.
	3. Defective motor.	3. Have a qualified service technician repair or replace.
Excessive noise or vibration.	1. Debris in impeller.	1. Remove Inlet Screen. Clean impeller. Reinstall Inlet Screen.
	2. Discharge hose restricted.	2. Clean Pump and discharge hose.
Pump starts and stops too frequently.	1. Water temperature too high.	1. Do not exceed 77° F (25°C) water temperature.
	2. Check valve (sold separately) stuck or installed backwards.	2. Remove and examine check valve.
	3. Back flow of water from discharge hose.	3. Install or inspect check valve (sold separately).

Follow all safety precautions whenever diagnosing or servicing the tool.
Disconnect power supply before service.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Parts List

Part	Description	Qty.
1	Panhead Screw	4
2	End Cover	1
3	Seal Washer	1
4	Impeller	1
5	Panhead Screw	2
6	Easy-Carry Handle	1
7	Pump Body	1
8	Oil Seal	1
9	Wool Felt	1
10	Check Ring	1
11	Rubber Ring	1
12	Brush Cap	2
13	Brush Spring	2
14	Brush	2
15	Front Cover	1
16	Roundness Washer	1
17	Panhead Screw	1
18	Cable and Plug	1
19	Grommet	1

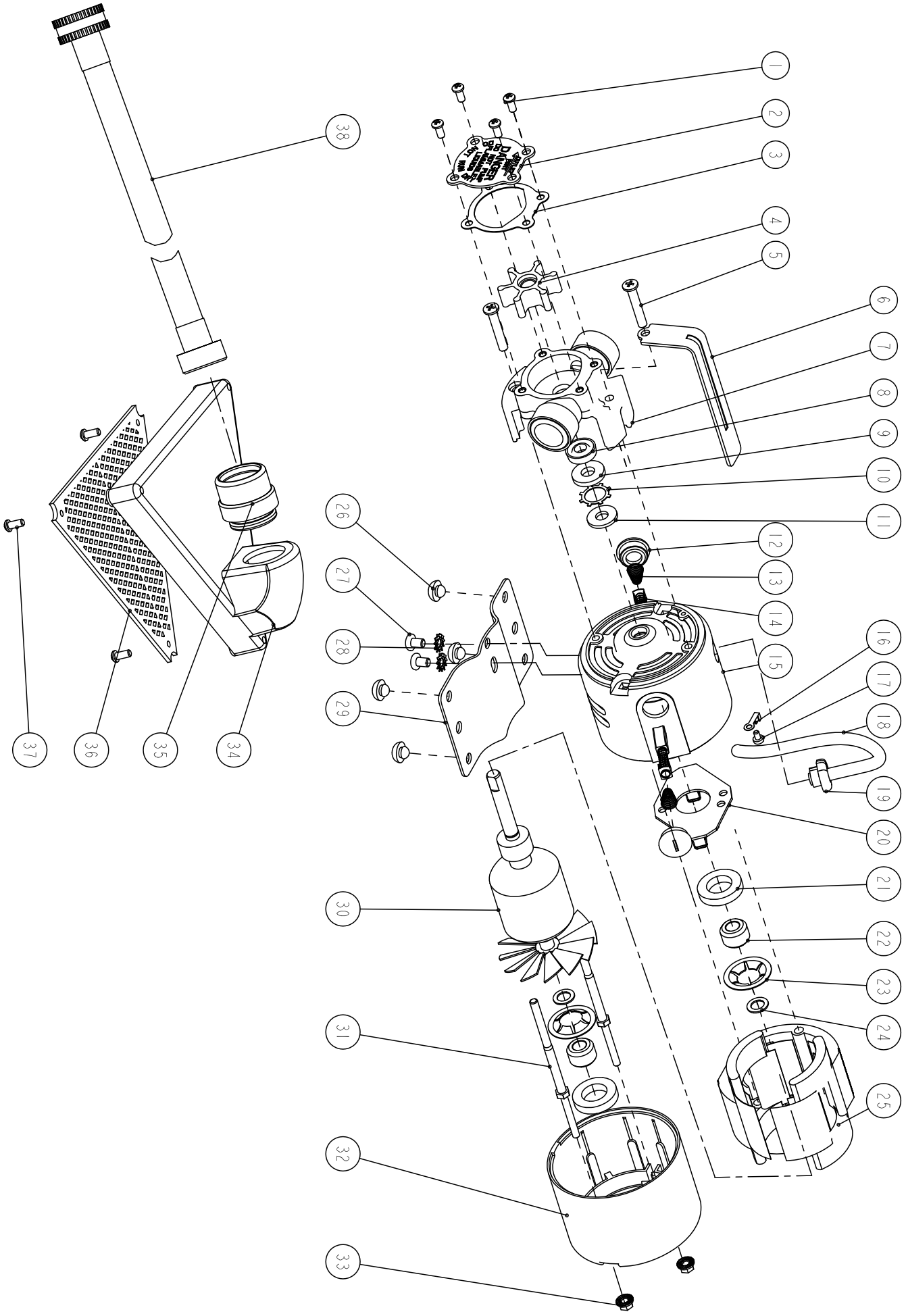
Part	Description	Qty.
20	Brush Shelf	1
21	Oil Wool	2
22	Bearing	2
23	Ring	2
24	Washer	2
25	Stator	1
26	Foot Pad	4
27	Panhead Screw	2
28	Serrated Gasket	2
29	Baseboard	1
30	Rotor	1
31	Panhead Screw	2
32	Rear Cover	1
33	Nut	2
34	Suction Attachment	1
35	Rubber Connector	1
36	Suction Attachment Board	1
37	Panhead Screw	3
38	Inlet Hose	1

Record Product's Serial Number Here:_____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

Assembly Diagram





26541 Agoura Road • Calabasas, CA 91302 • 1-888-866-5797

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP