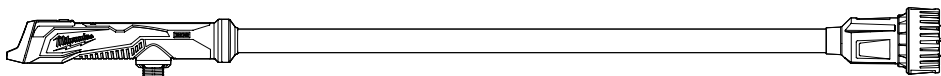




OPERATOR'S MANUAL  
MANUEL de L'UTILISATEUR  
MANUAL del OPERADOR



Cat. No. / No de cat.  
**2579-20**

**M12™ STICK TRANSFER PUMP**  
**POMPE DE TRANSFERT SANS FIL M12™**  
**BOMBA DE TRANSFERENCIA SIN CABLES M12™**



**WARNING** To reduce the risk of injury, user must read and understand operator's manual.

**AVERTISSEMENT** Afin de réduire le risque de blessures, l'utilisateur doit lire et bien comprendre le manuel.

**ADVERTENCIA** Para reducir el riesgo de lesiones, el usuario debe leer y entender el manual.

## GENERAL PUMP SAFETY WARNINGS

**WARNING** Read all safety warnings, instructions, illustrations and specifications provided with this pump. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

## WORK AREA SAFETY

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate pump in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- Keep children and bystanders away while operating a pump. Distractions can cause you to lose control.

## PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating pump. Do not use pump while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the pump. Carrying pumps with your finger on the switch or energizing pumps that have the switch on invites accidents.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the pump in unexpected situations.
- Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- Do not let familiarity gained from frequent use of pump allow you to become complacent and ignore pump safety principles. A careless action can cause severe injury within a fraction of a second.

## PUMP USE AND CARE

- Do not force the pump. Use the correct pump for your application. The correct pump will do the job better and safer at the rate for which it was designed.
- Do not use the pump if the switch does not turn it on and off. Any pump that cannot be controlled with the switch is dangerous and must be repaired.
- Remove the battery pack from the pump before making any adjustments, changing accessories, or storing. Such preventive safety measures reduce the risk of starting the pump accidentally.
- Store idle pump out of the reach of children and do not allow persons unfamiliar with the pump or these instructions to operate the pump. Pumps are dangerous in the hands of untrained users.
- Maintain pump and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the pump's operation. If damaged, have the pump repaired before use. Many accidents are caused by poorly maintained pumps.

- Use the pump, accessories and etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the pump for operations different from those intended could result in a hazardous situation.
- Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the pump in unexpected situations.

## BATTERY USE AND CARE

- Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- Use pump only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- Do not use a battery pack or pump that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- Do not expose a battery pack or pump to fire or excessive temperature. Exposure to fire or temperature above 265°F (130°C) may cause explosion.
- Follow all charging instructions and do not charge the battery pack or pump outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

## SERVICE

- Have your pump serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the pump is maintained.
- Never service damaged battery packs. Service of battery packs should only be performed by the manufacturer or authorized service providers.

## SPECIFIC SAFETY RULES FOR PUMPS

- **CAUTION** This pump has been evaluated for use with water only.
- Do NOT use in a flammable or explosive atmosphere. Do NOT pump brine, laundry discharge, or any other application which may contain caustic chemicals and/or foreign material. Do NOT pump fluids such as gasoline, fuel oil, or kerosene.
- **WATER ONLY** - Do not pump gasoline or other flammable liquids.
- Not for potable water.
- Acceptable for indoor or outdoor use.
- Do not submerge handle or battery.

- Always use common sense and be cautious when using pump. It is not possible to anticipate every situation that could result in a dangerous outcome. Do not use this pump if you do not understand these operating instructions or you feel the work is beyond your capability; contact Milwaukee Tool or a trained professional for additional information or training.
- Maintain labels and nameplates. These carry important information. If unreadable or missing, contact a MILWAUKEE service facility for a free replacement.

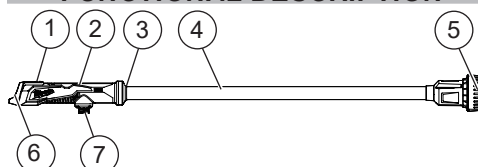
## SYMBOLLOGY

	Volts
	Direct Current
$n_0$ XXXX min <sup>-1</sup>	No Load Revolutions per Minute (RPM)
<b>GPM</b>	Gallons per Minute
	Read Operator's Manual
	UL Listing for Canada and U.S.

## SPECIFICATIONS

Cat. No. ....	2579-20
Volts.....	12 DC
Battery Type .....	M12™
Charger Type.....	M12™
Max Flow Rate.....	9 GPM
Fitting.....	3/4"-11.5 GHT
Application	
Max Water Temperature .....	140°F (60°C)
Max Air Temperature .....	104°F (40°C)
Recommended Ambient	
Operating Temperature.....	0°F to 125°F

## FUNCTIONAL DESCRIPTION



- |                    |                      |
|--------------------|----------------------|
| 1. ON/OFF switch   | 5. HydroPass™ filter |
| 2. Handle          | 6. Battery bay       |
| 3. Submersion line | 7. Hose fitting      |
| 4. Lift tube       |                      |

## ASSEMBLY

**WARNING** Recharge only with the charger specified for the battery. For specific charging instructions, read the operator's manual supplied with your charger and battery.

### Removing/Inserting the Battery

To remove the battery, push in the release buttons and pull the battery pack away from the tool.

**WARNING** Always remove the battery pack any time the tool is not in use.

To insert the battery, slide the pack into the body of the tool. Make sure it latches securely into place.

**WARNING** Only use accessories specifically recommended for this tool. Others may be hazardous.

### Connecting the Hose

- Use a hose with a 3/4"-11.5 GHT fitting. To prevent leaking, ensure the hose has a properly-working o-ring in its fitting.
- For best results, a heavy duty hose should be used to prevent the hose from collapsing. Use a short length, large diameter hose, such as a 6' long, 3/4" inner diameter garden hose. Longer or thinner hoses may reduce performance and flow rate.
- A regular garden hose may be used as an outlet hose.
- Make sure connections are tight.
- Hand thread the outlet hose onto the pump's hose fitting. Do not overtighten, or the threads may be damaged on the fitting or hose.

### Removing/Installing the HydroPass™ Filter (43-31-0031)

To remove the HydroPass™ filter, hand twist the filter counterclockwise and pull it away from the rest of the tool.

To install the HydroPass™ filter, line the filter up at the end of the lift tube and hand twist the filter clockwise until it is fully connected with the rest of the tool. Do not overtighten.

**NOTE:** The HydroPass™ filter must be installed to use the pump.

## OPERATION

**WARNING** To reduce the risk of injury, always wear proper eye protection marked to comply with ANSI Z87.1.

### Fuel Gauge

To determine the amount of charge left in the battery, turn the tool ON. The Fuel Gauge will light up for 2-3 seconds. When less than 10% of charge is left, 1 light on the fuel gauge will flash 4 times.

To signal the end of charge, 1 light on the fuel gauge will flash 8 times and the tool will not run. Charge the battery pack.

If the battery becomes too hot, the fuel gauge lights will flash and the tool will not run. Allow the battery to cool down.

### Operating the Pump

**WARNING** Do NOT use in a flammable or explosive atmosphere. Do NOT pump brine, laundry discharge, or any other application which may contain caustic chemicals and/or foreign material. Do NOT pump fluids such as gasoline, fuel oil, or kerosene.

This pump is designed for outdoor applications where water and organic debris (sticks, leaves, sand, gravel and soil) might be present. It can also be used with clean and salt water, but must be flushed out afterwards to avoid damaging the tool.

1. Ensure the HydroPass™ filter is properly installed. Do not operate without filter installed. Inspect the filter and keep it clean and free of all foreign objects.
2. Connect the hose to the pump.
3. Lay out the hose to ensure there are no blockages, kinks or bends. Take appropriate safety precautions to ensure the hose is secure for your worksite.

4. Place the HydroPass™ filter and lift tube below water surface, aiming as near as possible to the middle of the water source.  
**WARNING!** Do not submerge the tool past the handle.  
**NOTE:** The pump will achieve best performance with the HydroPass™ filter as flat as possible and fully submerged in the water.  
**NOTE:** The pump is not designed to sustain working in dry conditions. The pump will shutdown if working in dry conditions for a long period of time.
5. Insert battery pack.
6. Turn on pump by turning the ON/OFF switch to ON.
7. As soon as the pump begins to take in air or pumping is complete, turn off pump.  
**NOTE:** To prevent backflow, remove the pump from the water before turning off.
8. Allow the liquid inside of the pump to drain out.  
**NOTE:** If anything but clear water is accidentally pumped, flush with clear water for at least 30 seconds immediately after use.
9. Flush the pump with clear water immediately after use to prevent any damage to the tool.
10. Remove the battery and hose from the pump. Let pump and hose drain before storing.

### Troubleshooting

Problem	Cause	Correction
Pump will not run	HydroPass™ filter is not attached.	See "Removing/Installing the HydroPass™ Filter (43-31-0031)"
	Battery installed when pump turned on.	Correct situation, then turn pump off, then back on to reset.
Flow rate is too low	Hose is clogged or damaged.	Flush the hose, or replace the hose if damaged.
	HydroPass™ filter is clogged with debris.	Clean the HydroPass™ filter.
Pump shutdown	Dry pump shutdown.	Correct situation, then turn pump off, then back on to reset.
Over temperature shutdown	Blocked hose line. Hose line too high. Hose line too long. Pump ON for too long.	Correct situation, then turn pump off, then back on to reset. Allow pump to cool.

### MAINTENANCE

**⚠WARNING** To reduce the risk of injury, always unplug the charger and remove the battery pack from the charger or tool before performing any maintenance. Never disassemble the tool, battery pack or charger. Contact a MILWAUKEE service facility for ALL repairs.

### Maintaining Tool

Keep your tool, battery pack and charger in good repair by adopting a regular maintenance program. Inspect your tool for issues such as undue noise, misalignment or binding of moving parts, breakage of parts, or any other condition that may affect the tool operation. Return the tool, battery pack, and charger to a MILWAUKEE service facility for repair. After six

months to one year, depending on use, return the tool, battery pack and charger to a MILWAUKEE service facility for inspection.

If the tool does not start or operate at full power with a fully charged battery pack, clean the contacts on the battery pack. If the tool still does not work properly, return the tool, charger and battery pack, to a MILWAUKEE service facility for repairs.

### Accidental Submersion

If the tool gets submerged past the handle:

1. Retrieve the tool out of the water and immediately remove the battery pack.
2. Lay the pump on a flat surface and allow to self-drain for 24 hours before using again.

### Storage

Never store with liquid inside the pump. To store the tool:

1. Flush the HydroPass™ filter and lift tube with clear water after use to prevent any damage to the tool.
2. Remove the hose and battery pack.

**⚠WARNING** To reduce the risk of personal injury and damage, never immerse your tool, battery pack or charger in liquid or allow a liquid to flow inside them.

### Cleaning

Clean dust and debris from any vents. Keep tool clean, dry and free of oil or grease. Use only mild soap and a damp cloth to clean, since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use flammable or combustible solvents around tools.

### Repairs

For repairs, return the tool, battery pack and charger to the nearest authorized service center.

### ACCESSORIES

**⚠WARNING** Use only recommended accessories. Others may be hazardous.

For a complete listing of accessories, go online to [www.milwaukeeetool.com](http://www.milwaukeeetool.com) or contact a distributor.

### SERVICE - UNITED STATES

**1-800-SAWDUST (1.800.729.3878)**

Monday-Friday, 7:00 AM - 6:30 PM CST

or visit [www.milwaukeeetool.com](http://www.milwaukeeetool.com)

Contact Corporate After Sales Service Technical Support with technical, service/repair, or warranty questions.

Email: [metproductsupport@milwaukeeetool.com](mailto:metproductsupport@milwaukeeetool.com)

Become a Heavy Duty Club Member at [www.milwaukeeetool.com](http://www.milwaukeeetool.com) to receive important notifications regarding your tool purchases.

### SERVICE - CANADA

**Milwaukee Tool (Canada) Ltd**

**1.800.268.4015**

Monday-Friday, 7:00 AM - 4:30 PM CST

or visit [www.milwaukeeetool.ca](http://www.milwaukeeetool.ca)

### LIMITED WARRANTY USA & CANADA

Every MILWAUKEE power tool\* (see exceptions below) is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, MILWAUKEE will repair or replace any part on an electric power tool which, after examination, is determined by MILWAUKEE to be defective in material or workmanship for a period of five (5) years\*\* after the date of purchase unless otherwise noted. Return of the power tool to a MILWAUKEE factory Service Center location or MILWAUKEE Authorized Service Station, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that MILWAUKEE determines to be from repairs made or attempted by anyone other than MILWAUKEE authorized personnel, misuse, alterations, abuse, normal wear and tear, lack of maintenance, or accidents.

**Normal Wear:** Many power tools need periodic parts replacement and service to achieve best performance. This warranty does not cover repair when normal use has exhausted the life of a part including, but not limited to, chucks, brushes, cords, saw shoes, blade clamps, o-rings, seals, bumpers, driver blades, pistons, strikers, lifters, and bumper cover washers.

\*This warranty does not cover Air Nailers & Staplers; Airless Paint Sprayer; Cordless Battery Packs; Gasoline Driven Portable Power Generators; Hand Tools; Hoist – Electric, Lever & Hand Chain; M12™ Heated Gear; Reconditioned Product; and Test & Measurement Products. There are separate and distinct warranties available for these products.

\*\*The warranty period for Job Site Radios, M12™ Power Port, M18™ Power Source, Jobsite Fan and Trade Titan™ Industrial Work Carts is one (1) year from the date of purchase. The warranty period for the M18 FUEL™ 1" D-Handle High Torque Impact Wrenches, Drain Cleaning Cables, AIRSNAKE™ Drain Cleaning Air Gun Accessories, and REDLITHIUM™ USB Laser Levels is two (2) years from the date of purchase. The warranty period for the M18™ Compact Heat Gun, 8 Gallon Dust Extractor, M18™ Framing Nailers, M18 FUEL™ 1/2" Ext. Anvil Controlled Torque Impact Wrench w/ ONE-KEY™, M18 FUEL™ 1" High Torque Impact Wrench w/ ONE-KEY™, M18 FUEL™ 2 Gal. Compact Quiet Compressor, M12™ Laser Levels, 165' Laser Detector, M12™ 23GA Pin Nailer, and M18 FUEL™ 1/4" Blind Rivet Tool w/ ONE-KEY™, M12 FUEL™ Low Speed Tire Buffer, and the M18 FUEL™ Dual Action Random Orbital Polishers is three (3) years from the date of purchase. The warranty period for the LED in the LED Work Light and the LED Upgrade Bulb for the Work Light is the lifetime of the product subject to the limitations above. If during normal use the LED or LED Bulb fails, the part will be replaced free of charge.

Warranty Registration is not necessary to obtain the applicable warranty on a MILWAUKEE power tool product. The manufacturing date of the product will be used to determine the warranty period if no proof of purchase is provided at the time warranty service is requested. ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY MILWAUKEE PRODUCT. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL MILWAUKEE BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, MILWAUKEE DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS DESCRIBED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

This warranty applies to product sold in the U.S.A. and Canada only. Please consult the 'Service Center Search' in the Parts & Service section of MILWAUKEE's website [www.milwaukeeetool.com](http://www.milwaukeeetool.com) or call 1.800.SAWDUST (1.800.729.3878) to locate your nearest service facility for warranty and non-warranty service on a Milwaukee electric power tool.