

High Volume, Inexpensive Dispensing

- Double-action piston pump
- Delivers on forward and back stroke
- Fewer than five cycles pumps a gallon
- Self-priming
- Accepts a padlock
- Built-in siphon breaker
- Operates wet or dry
- Pump fresh or salt water

CORROSION RESISTANT, HAND OPERATED DRUM PUMPS

This double-action piston pump is self-priming and delivers on the forward and the back stroke. Less than five cycles yields a gallon (3.8 liters). The two position handle may be mounted either above or below the pump. The handle can be padlocked to prevent unauthorized dispensing. A built-in siphon breaker prevents unwanted flow when pumping is stopped. It will operate wet or dry without damage. Unlike ordinary metal hand pumps, it will even handle fresh or salt water. Rust is no problem here!

Generally speaking, this type of pump can be used for chemically compatible liquids at temperatures up to 80° F (26° C) and having maximum viscosity of 2,000 SSU. Model series 26 and 27 are generally useful with compatible liquids in a mild acidity/alkalinity range of pH4-9. Avoid acids and caustics with #26 and #27 series. Model 28 pumps are useful in a wider pH range, BUT, please note that: CHEMICAL COMPATIBILITY OF A PUMP SHOULD BE CHECKED FOR EACH LIQUID BY CHEMICAL NAME. SEE CHART BELOW FOR TYPICAL LIQUIDS.



The chart includes a short list of typical liquids for each pump. Other liquids may be compatible. The chart shows what materials are used to make each pump so that you may check compatibility with other chemicals. Beware that many chemicals can exist in various degrees of concentration. For example, acids.† Some liquids, such as cleaning solutions, detergents, or soaps seem to be “mild” when diluted for use, but can be very caustic or acidic in the drums before dilution. Quality engineered thermoplastic construction with specific elastomer parts for chemical resistance.

MORSE DRUM PUMPS COME COMPLETE

Morse hand Operated Drum Pumps come complete with 8' (243 cm) discharge hose with nozzle, suction tube and coupler with extension to reach the bottom of a 55 gallon (210 liter) drum, 2" (NPT) bung adaptor, and Operator's Manual & parts List. Shipped “knocked down” in a carton, it weighs 10 Lb. (4.6 kg) and it can go U.P.S.

Pump Model #	Construction (All have some T316SS)	O-Ring Mtl.	Gasket Mtl.	Hose Mtl.	Suction Tube	Compatible Liquids* (General Guide)
26	polyester	viton	cork-nitrile	PVC	polyester	petroleum products, lube oils*
27-1AE	polyester	EPDM	EPDM	EPDM	polyester	methyl alcohol, ethyl alcohol*
27-4AV	polyester	viton	viton	cross linked polyeth.	polyester	some naphthas*, some aromatics*
28-5BV	ryton	viton	viton	cross linked polyeth.	teflon	some chlorinated solvents, acids, aromatics, xylene*
28-6BE	ryton	EPDM	EPDM	EPDM	teflon	some acids, caustics, ketones, acetates*

*NOTE: General guide only. Final determination of suitability for use intended or manner of use is responsibility of the user. Consult Morse for advice on specific liquids if they are not shown here. **Please furnish chemical names.**

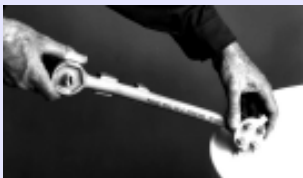
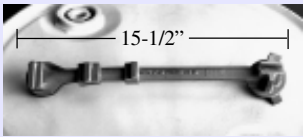
**NOTE: Chemicals may be hazardous. It is the user's responsibility to take appropriate safety and protective measures. Specifications subject to change without notice.



MODEL 125 NO-SPILL DRUM TRUCK
Carries drums upright. Hinged handle makes it simple to move and steer. 8" polyolefin wheels and swivel caster. Capacity 1200 Lb. Shipped in sturdy carton suitable for U.P.S.

MORPLUG Drum Plug Wrenches Fit Virtually Any Bung: Steel, Fibre or Plastic.

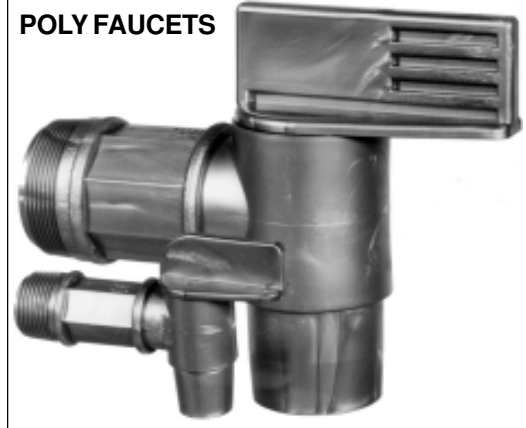
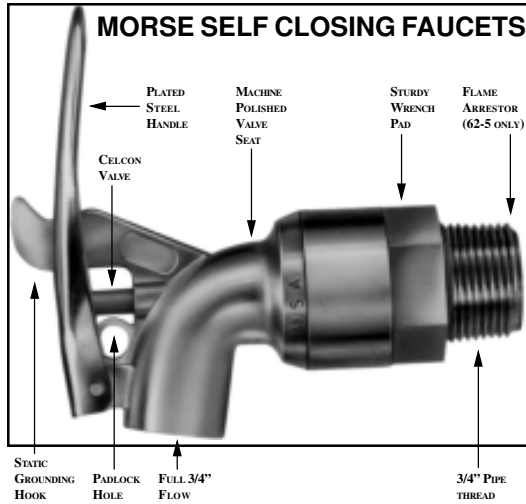
Three Wrenches, same Generous Size, same Design, But of Three Different Metals.



MODEL 59 MORPLUG BUNG WRENCH
New design with many surfaces and shapes to fit virtually all drum plugs. Works with steel, fiber or plastic drums. Solid ductile iron one piece construction for durability. Generous size for extra leverage and hand clearance. Use for drums of non-flammable materials. Individually packed in sturdy shipping cartons showing instructions for use.† (Supersedes Model 61.)

MODEL 59SRM MORPLUG SPARK RESISTANT BRONZE WRENCH
Same generous size and universal pattern as Model 59 but made of manganese bronze to be spark-resistant. The use of a spark-resistant wrench is an extra precaution when using drums of flammable material.† The high ultimate strength and extra elasticity of manganese bronze give an extra measure of durability. Natural bronze finish.

MODEL 59SRZ MORPLUG SPARK RESISTANT Z-A ALLOY WRENCH
Same generous size and universal pattern as Model 59 but made of zinc aluminum alloy to be spark resistant.† This alloy was selected for its high strength, toughness and economy. Natural bright silver color.



MODEL 62-5 SAFETY FAUCET is for use with flammable (or non-flammable), low viscosity, noncorrosive liquids such as kerosene, gasoline, alcohol, naphtha, etc. (See note below.) Brass plated zinc die cast construction with internal flame arrestor and automatic self-closing shutoff.† Heavy-duty steel handle can be padlocked closed. 3/4" U.S. pipe thread fits typical "small" bung in most drums.

MODEL 60-D SURE CLOSE FAUCET is for non-flammables only. It is similar to 52-5, but has natural zinc finish and no flame arrestor. Use with oils, anti-freeze, water-based products and other non-flammables. (See note below.) NOTE: Models 62-5 and 60-D should NOT be used with "corrosives", acids, alkalines, ketones, acetone, or chlorinated solvents. These liquids may cause the faucet to leak or come apart.

MODEL 68-20, MODEL 68-75
All polyethylene construction. Ideal for use with non-flammable, often-corrosive liquids that are packed in drums and carboys made of or lined with polyethylene. Half turn on/off. Stays open until shut off. Use 68-20 for thick, viscous liquids or larger volume flow of thin liquids.

DO NOT EXPOSE TO TEMPERATURES ABOVE 120° F.†

Model No.	Approx. Bung Size (Pipe Thread)	Weight Pounds
68-75 Poly faucet	3/4" **	1/8
68-20 Poly faucet	2" **	5/8

** The most common drums have 3/4" and 2" pipe thread size bungs which measure about 15/16" and 2-1/4" I.D.

MODEL 65-75, MODEL 65-20
Designed especially for viscous, slow flowing liquids. Durably constructed with steel handle, cast gray iron body with lapped brass sliding plate. Stays open until shut off. Moving parts may be disassembled for cleaning. Can be padlocked. Not for flammables.†

Model No.	Approx. Bung Size (Pipe Thread)	Weight Pounds
65-75 Molasses Gate	3/4" **	1-1/2"
65-20 Molasses Gate	2" **	4

** The most common drums have 3/4" and 2" pipe thread size bungs which measure about 15/16" and 2-1/4" I.D.

† Other safety precautions may be necessary such as protective clothing, grounding and bonding of drums, ventilation and storage area preparation, etc. See Material safety data Sheet and O.S.H.A. requirements.

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