



SERIES 'HP' HAND DISPENSING PUMP

SUPPLEMENTAL OPERATING INSTRUCTIONS

For: Model HRE-FM Price Code No. 59-0009

FM APPROVED FOR FLAMMABLE LIQUID TRANSFER

OPERATION AND
SERVICE GUIDE
O-1525B
OCT. 1994

MATERIALS IN SOLUTION CONTACT			
RYTON EPDM 316SS HALAR	Body "O"-ring & gasket Internal fasteners Vent	ZINC STEEL NYLON/BRASS POLYESTER	Discharge nozzle Bung adapter Hose * Suction tube

* Nylon lined rubber w/static wire traced

ATTENTION! Have you purchased the correct pump for your application?

Before using your new pump:

1. Determine the chemical(s) that you are going to pump.
2. Compare the chemicals to those shown on the list below. If chemicals are not on this list, verify compatibility with materials listed above.
3. If chemicals are on the **PUMP SELECTION GUIDE**, proceed to assemble and use safely.

PUMP SELECTION		
ACETALDEHYDE ACETONE AMYL ACETATE AMYL ALCOHOL BENZALDEHYDE	BUTYL ACETATE BUTYL ALCOHOL DIACETONE ALCOHOL ETHYL ACETATE FORMALDEHYDE (40%) KETONES	METHYL ALCOHOL (METHANOL) METHYL ETHYL KETONE PROPYL ALCOHOL SODIUM ACETATE TETRAHYDROFURANE

Chemicals not shown should be verified for compatibility with materials in solution contact before use.

ASSEMBLY

1. Hose end with eyelet to be threaded into pump discharge.
2. Lock end of bond wire to hose eyelet using bolt & nut provided at end of wire affixed to metal bung adapter on pump.
3. Thread discharge nozzle onto opposite end of hose.
4. Assemble suction tube and thread to pump inlet.
5. Pump assembly with 2" NPT bung adapter attached should be threaded into drum.
6. Ground the containers from which the liquid is being pumped and to be pumped into. Both containers must be metal.

BOND WIRE	EARTH
GROUND WIRE	HOSE WITH STATIC WIRE TRACED
METAL DRUM	PUMP
METAL NOZZLE	GROUND WIRE
	METAL

OPERATION

1. Metal discharge nozzle must always be in contact with receiving container.
2. Read OPERATING INSTRUCTION and SERVICE GUIDE **PO-1550**.
3. Refer to SAFETY CLOTHING BULLETIN **SB33**.
4. See PARTS LIST **PP-9990** for pump replacement parts.

When pumping flammable or combustible liquids from one container to another, both containers must be effectively bonded and grounded to prevent discharge of sparks of static electricity which could cause explosion and bodily harm.

CAUTION -

Be sure to inspect grounding and bonding wires, clamps and connections for damage, corrosion and loose connections. Correct or replace as required.