



File MH28088

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FOLLOW-UP SERVICE PROCEDURE
(TYPE R)

PUMPS, POWER-OPERATED, FLAMMABLE LIQUID
(RCRX,RCRX7)

Manufacturer: WARREN RUPP INC, UNIT OF
(281875-001) IDEX CORP
800 N MAIN ST
MANSFIELD OH 44901

Applicant: SAME AS MANUFACTURER
(281875-001)

Listee: SAME AS MANUFACTURER
(281875-001)

This Procedure authorizes the above Manufacturer to use the marking specified by Underwriters Laboratories Inc. only on products covered by this Procedure, in accordance with the applicable Follow-Up Service Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. upon request.

This PROCEDURE, and any subsequent revisions, is the property of UNDERWRITERS LABORATORIES INC. and is not transferable.

UNDERWRITERS LABORATORIES INC.

A handwritten signature in cursive script, appearing to read 'A.W. Schaefer'.

A.W. Schaefer
Vice President and General Manager
US and Canadian Operations

N

(FILE IMMEDIATELY AFTER AUTHORIZATION PAGE)

LISTING MARK

The Listing Mark consists of four elements placed in close proximity and shall appear on Listed products only. Minimum size is not specified, as long as the Listing Mark is legible. The following is suggested. (If only Canadian coverage is authorized, use only the C-UL Symbol).

UL Symbol to the left and the C-UL Symbol to the right.



Alternatively, the Canadian/US Mark may be used. The UL Symbol with "C" to the left and "US" to the right.



XXXX = The control number assigned by UL, 1TA3.

The minimum height of the registered trademark symbol ® shall be 3/64 of an inch. When the overall diameter of the UL Mark is less than 3/8 of an inch, the trademark symbol may be omitted if it is not legible to the naked eye.

The product identity is: "POWER OPERATED PUMP FOR PETROLEUM PRODUCTS", "POWER OPERATED + PUMP FOR PETROLEUM PRODUCTS".

+ - Transfer, Booster or other appropriate product identity as shown in the individual Listing.

The product identity may be omitted if the Mark is directly and permanently applied to the product by stamping, molding, ink-stamping, silk screening or similar process. The product identity may appear elsewhere on the product if the other three elements are part of the nameplate which includes the rating or the catalog or model designation.

Separable Listing Mark (not part of a nameplate and in the form of decals, stickers or labels) will always include the four elements.

The manufacturer may reproduce the Mark or obtain it from a UL authorized supplier.

THIS PAGE IS TO BE REVISED BY FUS DEPARTMENT ONLY

DESCRIPTION

PRODUCT COVERED:

USL, CNL Air operated flammable liquid pumps, Models U1FB1 followed by X, followed by B or G, followed by TXNS600.

USL, CNL Air operated flammable liquid pumps, Models U1FB1 followed by C, followed by B or G, followed by TCNS600.

GENERAL:

These are air-operated pumps intended for use in accordance with the Flammable and Combustible Liquids Code (NFPA 30) and the Automotive and Marine Service Station Code (NFPA 30A).

The motive power for these pumps is compressed air provided in conventional air-supply lines commonly found in industrial plants and service stations.

The pumps are of the reciprocating action design. The air motor and pump are closed coupled designed with air motor and fluid pump chambers separated by diaphragms. The pumps are actuated by an automatic air valve supplying air pressure first to one air chamber while exhausting air from the opposite chamber. This alternating air pressure causes the diaphragm to reciprocate in horizontal motion between the air and the fluid chambers. The fluid chambers are connected to manifolds with inlet and outlet check valves, one pair for each chamber. The fluid outlet pressure is governed by the inlet air supply pressure.

Models with a C in the sixth and ninth position in the model code are identical to pumps with an X in those positions except the pumps are painted.

SIZE AND RATING:

Pipe Connection - All connections are female NPT

Model	Air Inlet	Air Exhaust	Fluid Inlet	Fluid Outlet
U1F	1/2 in.	1 in.	1 in.	1 in.

5 #4 OR LIGHTER - SEE ILL A.
Fluids - Nos. 1 and 2 fuel oil, motor oil, kerosene, diesel fuel, gasoline, aviation fuel, and water. Pumps with a G in the seventh position of the model number have additionally been evaluated for use with gasoline-alcohol blends, automatic transmission fluid, alcohol, waste oil, ethyl, alcohol, methyl alcohol and ethylene glycol.

Maximum Inlet Pressure - Marked to indicate limitation of maximum pressure to 100 psig.

Maximum Outlet Pressure - Nominally 100 psig.