




PART # U0816158		SHEET 1 OF 1	
REV	REVISION DESCRIPTION	DATE	APP.
	REVISED, ADDED OVERALL DIM.'s, HMK.	12-18-00	WJS
	ADDED TANK DIM.'s, HMK.	1-13-05	DS

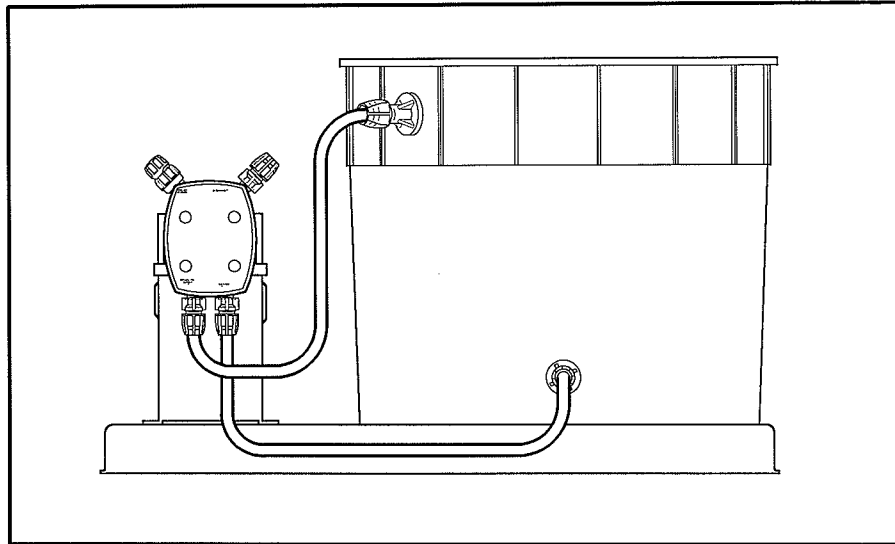
NOTE:

- PRINTING: BLACK,
MATERIAL: PLAIN WHITE STANDARD 60-lb. PAPER,
SIZE: 2-PAGES: 1-SHEET, DOUBLE SIDED,
FINISHED SIZE: 8.5in. x 11.0in.,
BINDING: N/A.

ITEM	PART #	PART DESCRIPTION					QTY	
AS'Y	U0816158	MANUAL , 7.5-gal . TSF					REF	
MANUFACTURING STANDARDS UNLESS OTHERWISE SPECIFIED		DWN.	HMK	12-18-00	MEC-O-MATIC	 A Unit of IDEX Corporation		
TOLERANCE								MACHINED SURFACES ROUGHNESS 125 ✓
X.Xin./x.xmm ±.050in./1.27mm		CHK.	WJS	12-18-00	PART NAME MANUAL , 7.5-GALLON TSF (TANK STAND FEEDER)			
X.XXin./x ±.015in./0.38mm								
X.XXXin./xx ±.005in./0.13mm		APP.	WJS	12-18-00	ITEM CLASS LI		SIZE A	PART # U0816158
ANGLES ± 0°30'								
BREAK ALL SHARP EDGES .015in.-MAXIMUM		CAD FILE # U0816158.00D						
ALL DIMENSIONS IN INCHES.								SCALE 1 : 1
PROPRIETARY DATA: THIS DOCUMENT DISCLOSES INFORMATION AND DATA IN WHICH PULSAFEEDER HAS PROPRIETARY RIGHTS. THE RIGHT TO REPRODUCE, USE OR DISCLOSE IN WHOLE OR IN PART EXCEPT BY WRITTEN PERMISSION IS PROHIBITED.								

TANK STAND FEEDER(TSF) SYSTEM

Installation, Operation and Maintenance Manual



7.5-GALLON TSF

READ ALL WARNINGS CAREFULLY BEFORE INSTALLING PUMP

NOTE: Metering pump must be ordered independently of tank and stand.

INTRODUCTION:

The Tank Stand Feeder(TSF) System is designed primarily for residential/commercial application requiring small amounts of chemical to be fed into a water supply. The chemical storage tank and feeder assemble to a common base. The chemical tank includes a tight fitting lid to keep the chemical free of contaminants and to protect the surrounding area from chemical fumes. The system is constructed of the finest quality materials. With reasonable care and maintenance, it will provide excellent service. The information in this manual will help you obtain the most satisfactory service for the TSF System. We suggest you read it carefully before installing and operating.

INSPECTION:

Check the TSF System for shipping damage or missing parts. The transportation company should be notified if mishandled and/or damaged.

A TSF System consists of: a chemical tank with lid; a base; a bulkhead fitting; a chlorine/pH test kit; one package of feeder mounting hardware; and maintenance manual. A separately ordered and packaged chemical feed pump includes: a foot valve strainer, tubing; injection point fitting; accessories; and maintenance manual.

SPECIFICATIONS:

The chemical tank capacity is 7.5-gallons (28.4-liters). Please refer to manual included with the chemical feeder for other pumping specifications.

BEFORE INSTALLATION:

Read manual supplied with the pump to insure proper location of feed system. Also, read manual carefully for pump installation, operation and maintenance requirements.

ASSEMBLY OF TSF:

1. Place feeder onto base and secure with four screws, washers and nuts, as shown.
2. Install both bulkhead fittings into chemical tank. Be sure to place gaskets exactly as shown to assure a leak tight seal. Tighten hex nuts securely.
3. From tubing provided with pump, cut off a 2-inch section and connect between the lower bulkhead fitting and the foot valve strainer. Cut ends of tube square and slide coupling nut onto tubing first, then push tubing all the way onto tapered end of fittings. Tubing can be immersed in hot water to make more pliable for easy assembly. Hand tighten compression nuts securely. **CAUTION** DO NOT OVER TIGHTEN.
4. Place chemical tank into indentation in base.
5. Cut a length of tubing long enough (but as short as possible) to reach from chemical feeder "SUCTION" fitting to bottom bulkhead fitting. Connect tubing using same procedure as in step 2.
6. Cut another length of tubing to reach from "RETURN TO SUPPLY" fitting to the top bulkhead fitting and connect. NOTE: KEEP TUBING LENGTHS AS SHORT AS POSSIBLE AND AVOID KINKS OR BENDS. ASSEMBLE EXACTLY AS SHOWN

FILLING CHEMICAL TANK:

CAUTION ALWAYS WEAR PROTECTIVE CLOTHING INCLUDING GLOVES AND SAFETY GLASSES WHEN FILLING TANK AND WHEN WORKING ON OR NEAR CHEMICAL METERING PUMP.

CAUTION DO NOT ATTEMPT TO FEED CHEMICALS WITHOUT CONSULTING YOUR CHEMICAL FEEDER DEALER OR CHEMICAL SUPPLIER. REFER TO PUMP MANUAL FOR ADDITIONAL CHEMICAL HANDLING PRECAUTIONS.

Check the chemical level in the tank frequently and refill before strainer assembly is exposed to air.

When filling tank, do not fill above the top bulkhead fitting.

Be sure the tank lid is on tight after filling tank. Press firmly around entire lid until lid snaps into place.

MAINTENANCE:

Check tank tubing and fittings for deterioration and leakage each time you refill.

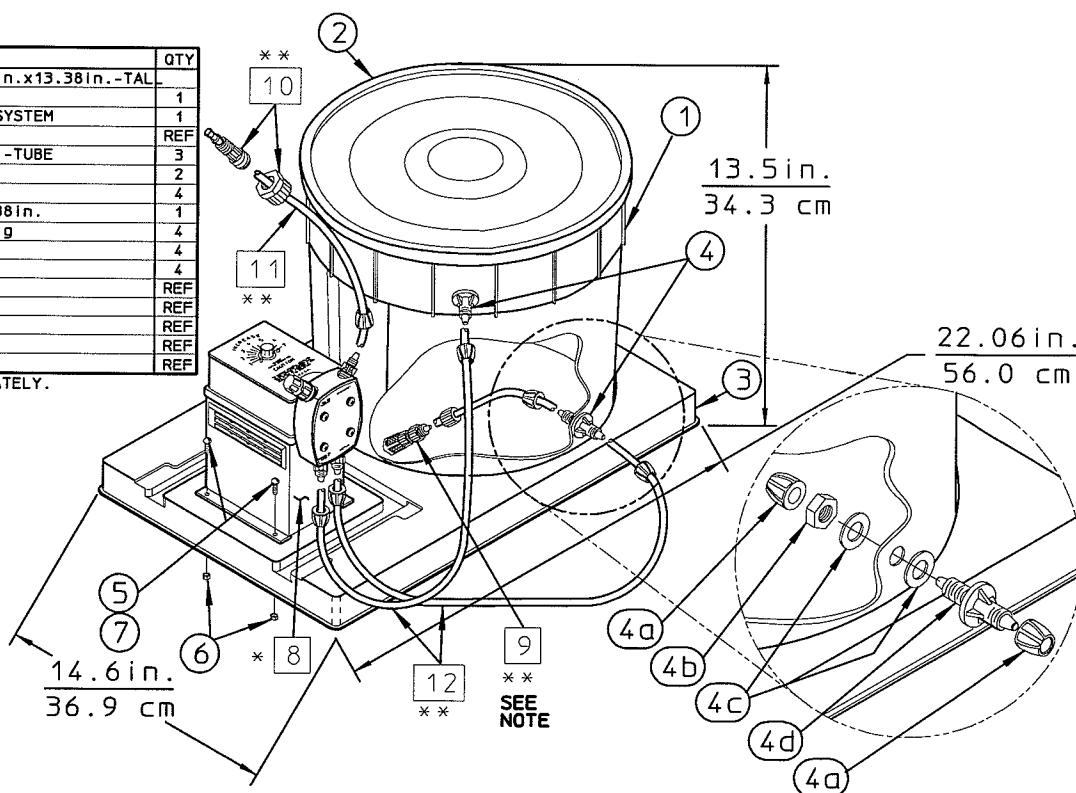
REPAIR PARTS:

ITEM	PART #	DESCRIPTION	QTY
1	U0812443	TANK(PE), 7.5-gal. ϕ 14.25in.x13.38in.-TAL	
2	U0811699	COVER(PE), 7.5-gal. TANK	1
3	U0811682	BASE(ABS), 7.5-gal. TANK SYSTEM	1
4	U0816206	BULKHEAD, FITTING AS'Y	REF
4	U0814211	NUT(PVC), COUPLING ϕ .38in.-TUBE	3
4	U0812613	NUT(PVC), BULKHEAD	2
4	U0811295	GASKET(VIT)	4
4	U0812612	FITTING(PVC), BULKHEAD ϕ .38in.	1
5	U0811703	SCREW(NYL), #8-32x.63in.-lg	4
6	U0811704	NUT(NYL), #8-32	4
7	U0811705	WASHER(NYL), FLAT	4
* 8	---	CHEMICAL FEEDER	REF
** 9	---	STRAINER AS'Y, (SEE NOTE)	REF
**10	---	INJECTION AS'Y	REF
**11	---	TUBING, DISCHARGE	REF
**12	---	TUBING, SUCTION/RETURN	REF

* CHEMICAL FEEDER PUMP IS ORDERED SEPARATELY.

** INCLUDED W/ CHEMICAL FEEDER PUMP

NOTE: STRAINER WEIGHT NOT REQUIRED.



U0816158
A05