

# ENERVAC

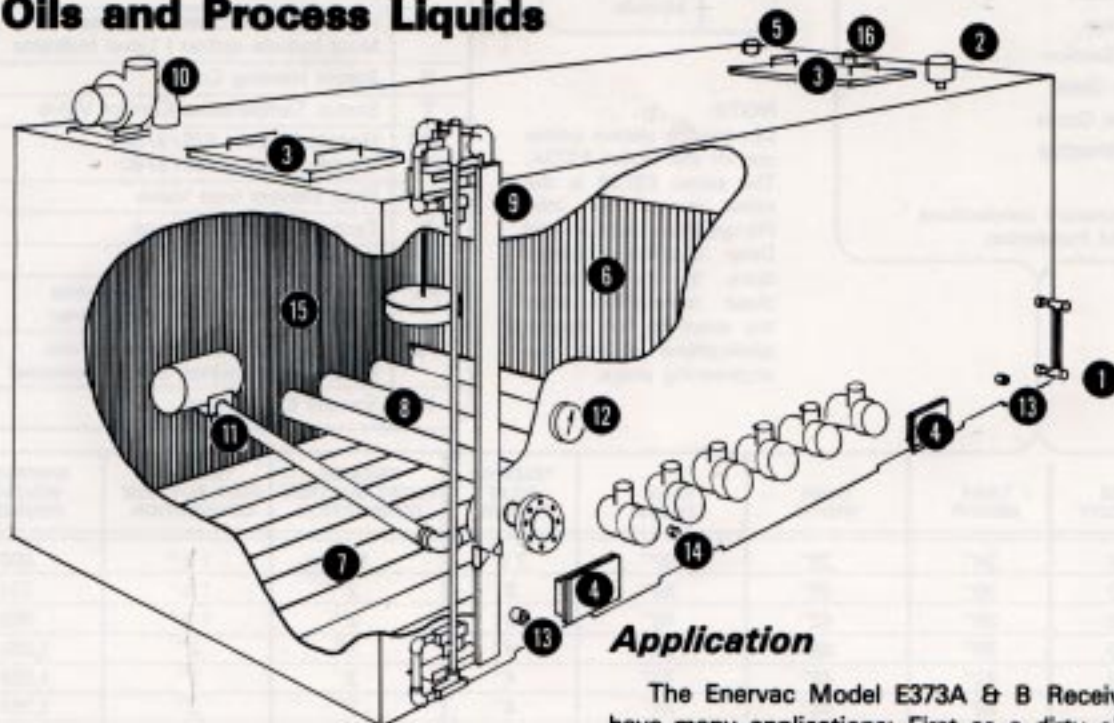
## CORPORATION

Engineers and Manufacturers of

Model E373A & B

### RECEIVING AND STORAGE TANKS

For Oils and Process Liquids



- |                   |                              |
|-------------------|------------------------------|
| 1—Water Gauge     | 9—Level Indicator            |
| 2—Filter Breather | 10—Exhaust Blower            |
| 3—Manways         | 11—Floating Suction          |
| 4—Cleanouts       | 12—Thermometer               |
| 5—Fill Connection | 13—Deep Suction              |
| 6—Weir            | 14—Dehydration Connection    |
| 7—Sloping Bottom  | 15—Precipitation Compartment |
| 8—Heating Tubes   | 16—Flowback Connection       |

#### Specifications

All sizes are constructed of steel plate, welded construction and are equipped with sloping bottom, cleanouts, deep suction, sample valve, thermometer and thermowell, gauge glass with shut off valves, filter breather, manway, baffle and all necessary connections for field service. The interior of the tank is coated with Stan-O-Rust for protection. The exteriors are primed with red oxide and painted Enervac blue.

#### Application

The Enervac Model E373A & B Receiving Tanks have many applications: First as a dirty oil receiving tank in an Oil Circulating & Filtering System; Second as a precipitation tank in an Oil Reclamation System and; Third as a storage tank for a broad range of process liquids.

#### Operation

The Model E373A & B Series of Receiving and Storage Tanks can be used in Oil Circulating and Filtering Systems as a dirty oil receiving tank and accommodate the gravity return of oil from bearings and gears.

The storage tank itself not only stores the oil but serves as a contamination trap. This is accomplished by the physical size of the tank which provides a minimum oil velocity as the oil passes from return end to suction end. This minimum velocity provides for maximum amount of settling in the retention time provided. Thus enabling the maximum amount of solids and free water to settle out as fluid passes through the tank. This can be further enhanced with a floating suction (option 'F') that assures any contamination that has started to settle out is not picked up again by the suction pumps.

# PRECIPITATION AND RECEIVING TANKS

## NOMENCLATURE CHART

Model E373A & B -  -  -

### Standard Features

- All Welded Steel Construction
- Sloping Bottom
- Clean Outs
- Manways
- Deep Suction
- Gauge Glass
- Sample Cocks
- Filter Breather
- Baffle
- All necessary connections for field installation

### Tank Orientation

R	Right Hand Module
L	Left Hand Module

### NOTE:

Dimensions shown below are for the Series E373A. The series E373B is the same except for Inlet Flange, Float Suction and Deep Suction Connections. In the B series these connection sizes are specified for special applications during the engineering stage.

### Code Optional Features

F	Floating Suction
M	Magnetic Trays & Weir c/w hinged cover
I	Level Indicator
S	High and Low Level Switches Must include option I Level Indicator
R	Steam Heating Coils
T	Steam Temperature Control Valve
H57	Electric Heaters 575/3/60
H46	Electric Heaters 460/3/60
V	Float Control Inlet Valve
E	Tank Air Exhaust Blower
D	Suction Dryer Breather
P1	Control Panel for Level Switches Mounted and wired, c/w Howler
P2	Control Panel for Electric Heaters Mounted and wired, c/w Thermostat
X	Special Engineering

TANK CAPACITY	TANK HEIGHT	TANK WIDTH	TANK LENGTH	*SIZE OF INLET FLANGE	*SIZE OF FLOAT SUCTION CONNECTION	*SIZE OF DEEP SUCTION CONNECTION	SHIPPING WEIGHT POUNDS
200	24"	28"	40"	2 1/2"	1 1/2"	1 1/2"	609
300	36"	36"	58"	3"	2"	1 1/2"	724
400	36"	42"	65"	3"	2"	1 1/2"	903
500	36"	48"	71"	4"	3"	2"	1,060
600	42"	48"	73"	4"	3"	2"	1,092
800	48"	48"	88"	4"	3"	2"	1,764
1,000	48"	48"	110"	4"	3"	2"	2,206
1,200	48"	54"	118"	6"	3"	2"	2,520
1,500	54"	60"	116"	6"	3"	2"	2,614
2,000	54"	72"	130"	6"	3"	2 1/2"	3,601
2,500	54"	72"	162"	6"	3"	2 1/2"	4,032
3,000	54"	84"	165"	6"	4"	2 1/2"	4,452
4,000	60"	84"	196"	6"	4"	3"	5,029
5,000	60"	96"	216"	8"	6"	4"	8,001
6,000	72"	96"	214"	8"	6"	4"	9,198
8,000	72"	120"	228"	8"	6"	4"	11,025
10,000	72"	120"	285"	12"	8"	6"	13,398
12,000	72"	120"	340"	12"	8"	6"	15,498
14,000	84"	120"	340"	12"	8"	6"	15,991
16,000	84"	120"	386"	12"	8"	6"	21,745
18,000	94"	120"	386"	14"	10"	8"	24,500
20,000	94"	120"	432"	14"	10"	8"	27,800

Representative

## ENERVAC

CORPORATION

700 FRANKLIN BLVD., CAMBRIDGE  
ONTARIO, CANADA N1R 5S9  
TEL.: (519) 623-9890  
FAX: (519) 623-8250 / (519) 623-4394  
E-MAIL: sales@enervac.com  
WEB SITE: www.enervac.com