



TYPICAL MOBILE DRINKING WATER
BOTTLE FILLING STATION

OPTIONS

HIGH AMBIENT

- ☐ Oversized condenser supplies full capacity in ambient temperatures over 120°.

DRAIN PANS

- ☐ Stainless steel drain pans built under self-closing filler valves are pitched for drainage connection in field.

RUBBER CASTERS

- ☐ Heavy duty casters with locking mechanism are supplied to roll unit on concrete or other pavement.

FUSED DISCONNECT

- ☐ NEMA 4 fused disconnect to replace power cord.

WATER TEMPERATURE GAUGE

- ☐ Gauge indicating water temperature in the storage tank.

Filtrine's INDESTRUCT MILITARY MOBILE WATER COOLER/BOTTLE FILLING STATIONS are designed for semi-permanent or mobile applications where both ambient and inlet water temperatures often exceed 115°F [45°C] or drop below 0°F [-18°C]. These chillers are engineered to handle these high (or low) temperatures and provide a stand-by reservoir of cool 59°F [15°C] water.

FEATURES

- Large reserve capacity storage tank allows for large gpm flow rate of 59°F [15°C] water during peak demand.
- Over-sized condenser for high ambient models never overloads in high ambient temperatures. Large fan keeps unit running efficiently up to 120°F [49°C] temperatures.
- Unit supplied with 10' power cord (single phase only) for connection to generator or building electrical service (provided by others).

SPECIFICATIONS

COOLING TANK AND EVAPORATOR

316L stainless steel storage tank is insulated with closed cell thermoelastomer and includes an immersion coil evaporator. Water is cooled from 100°F [38°C] to 50°F [10°C] in an ambient of 110°F [43°C].

REFRIGERATION UNIT

Refrigeration system is thermostatically controlled and includes dehydrator, vibration isolators, low temperature control, high-low pressure control, with necessary wiring for automatic operation.

FIXTURES

Units feature from 4 to 16 chromed, heavy-duty, self-closing faucet-type jug fillers depending on the model.

HOUSING

Welded angle iron frame with 16 ga stainless steel shed roof and side panels. Unit supplied with 2"H x 3"W channels for mounting on truck or trailer (provided by others).

WATER PURIFIER

Pre-Filter: Model PFS6 Spun poly [5 micron rating] with double O-ring seal.

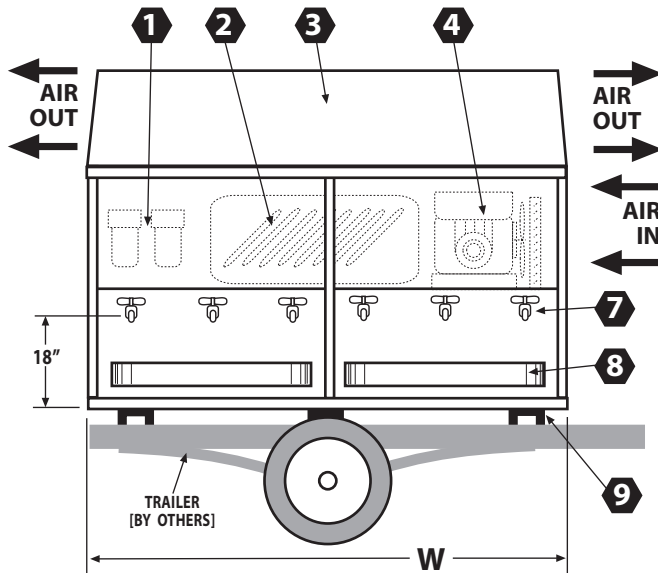
Purifier: Model Taste Master® TMS3 features carbon block element [0.5 micron rating] to remove sediment, organic odors/tastes and chlorine odor/taste with double O-ring seal. Stainless steel housings for both pre-filter and purifier constructed of #304 stainless steel. Elements are serviceable without tools.

ELECTRICAL

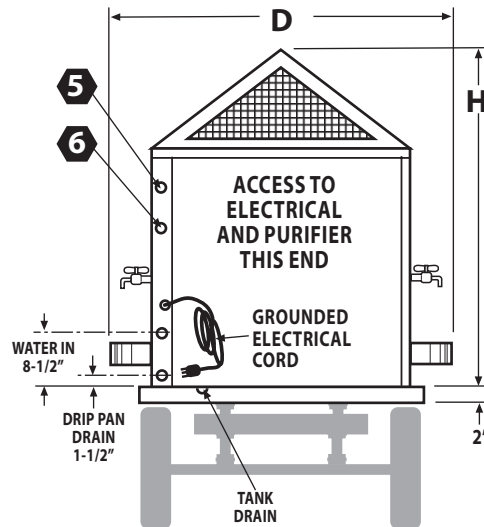
110-120/1/60, 220-240/1/60, 200-220/3/60, 440-480/3/60, 230/1/50, 380/415/50, 380/3/60. Other voltage options available, contact factory.

MODEL MFS

RIGHT SIDE



LEFT SIDE



LEGEND

1. Taste Master® purifier system
2. Insulated chilled water storage tank
3. Shed roof
4. Air-cooled condenser
5. Automatic air vent
6. ON/OFF switch
7. Heavy-duty, faucet-type jug filler
8. Optional drip tray
9. Channel skids

MOBILE DRINKING WATER BOTTLE FILLING STATIONS SPECS/SELECTION CHART

| FILTRINE MODEL NUMBER | BTU/hr | BOTTLE FILLERS TOTAL | PERSONS SERVED* | STORAGE CAPACITY | | RECOVERY 100°F to 50°F | | COMP HP | DIMENSIONS | | | | | | SHIPPING WEIGHT | |
|-----------------------------|--------|----------------------------|--------------------|---------------------|--------|---------------------------|-----|------------|------------|-----|---------|-----|--------|-----|--------------------|------|
| | | | | | | | | | WIDTH | | DEPTH** | | HEIGHT | | | |
| | | | | gals | liters | gph | lph | | in | cm | in | cm | in | cm | lb | kg |
| MFS-25 | 8,500 | 4 | 213 | 25 | 95 | 20 | 76 | 1 | 60 | 152 | 46 | 127 | 54 | 137 | 1200 | 540 |
| MFS-50 | 19,000 | 8 | 480 | 50 | 190 | 45 | 171 | 2 | 72 | 183 | 46 | 127 | 54 | 137 | 1600 | 720 |
| MFS-100 | 30,000 | 12 | 768 | 100 | 380 | 72 | 274 | 3 | 84 | 213 | 52 | 142 | 60 | 152 | 2500 | 1125 |
| MFS-125 | 30,000 | 16 | 768 | 125 | 475 | 72 | 274 | 3 | 120 | 305 | 52 | 142 | 60 | 152 | 3000 | 1350 |

*Based on 12 oz [.35 ltr] per person, per hour

**Includes 6" [15 cm] each side for water jug filler splash tray