



## Brewery Chillers



It's All about Building a  
Better Product for Our Clients!

J&M Fluidics, Inc. — 851 Tech Drive, Telford, PA 18969  
Toll-Free: (888) 539-1731 • Fax: 267-203-8786

Model: IEZATB4.5S

Split-System, Air-Cooled 4.5 HP Brewery Chiller

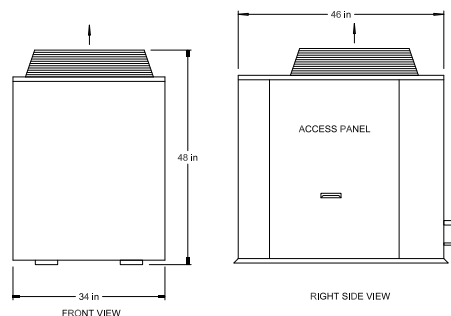
with Stainless Steel Tank

**R454C  
Refrigerant**



**STANDARD ON ALL J&M MODELS:**  
Pentra Microsmart, Programmable Logic  
Controller (PLC) with HMI Touch Screen Display.

Also comes with - Outside Condenser Model (OC4.5S)



OC Refrigerant Connections: Discharge Line- 5/8", Liquid Line- 1/2"

### Standard Features:

- Conforms to UL 60335-2-40:2022 Ed.4  
UL 60335-1:2016 Ed.2
- CSA C22.2 # 60335-1:2016 Ed.2
- CSA C22.2 # 60335-2-40:2022 Ed.4
- Single point power connection
- Pentra Microsmart, Programmable Logic Controller (PLC) with easy to use HMI touch screen display
- Door Mounted HMI with weather proof cover
- 5 Port Ethernet Switch (Chiller remote network access control and Modbus capability)
- Remote SMTP services for email alerts
- STAINLESS STEEL Tank
- STAINLESS STEEL Process Pump
- Pump Isolation Valves
- Fused, STAINLESS STEEL evaporator pump
- STAINLESS STEEL, brazed plate evaporator
- Scroll compressor with crankcase heater
- Suction accumulator
- Liquid line drier, sight glass, solenoid
- Electronic expansion valve
- Manual high pressure cutout
- Fluid flow switch
- 24V control transformer
- Direct drive condenser fan motor
- Rust resistant, high CFM, aluminum condenser fan blade
- Condenser(s): copper tube/aluminum fin
- Compressor motor contactor
- Condenser motor and control circuit fusing
- Painted (Powder Coat), galvanized sheet metal cabinet
- 1/2" insulation on all fluid and Low pressure refrigerant lines
- Complete refrigerant charge from factory
- Factory performance test prior to shipment



### Options:

- Compressor VFD Controller
- Remote Idec touchscreen control panel
- BacNet Gateway
- Process Pump VFD Controller
- Condenser Fan VFD Controller
- 4 year extended compressor warranty
- Casters (factory mounted)
- 115 volt (rain tight) service outlet
- Non Fused Disconnect
- Phase Monitor, line voltage monitor offering protection against phase loss/reversal, unbalance and High/Low voltage
- Compressor fusing
- Compressor Sound Cover
- Flooded cond. w/receiver/head pressure control (0°F)
- Heated, flooded cond. w/receiver/head pressure control (-20°F)
- Water flow meter
- Low flow bypass
- Dual process pump with auto changeover
- Pump suction isolation valve
- Water pressure gauge set
- Coastal powder coat paint protection
- E-Coat Condenser Coil (coastal protection)
- Storage tank sight glass



# Brewery Chillers



It's All about Building a  
Better Product for Our Clients!

J&M Fluidics, Inc. — 851 Tech Drive, Telford, PA 18969  
Toll-Free: (888) 539-1731 • Fax: 267-203-8786

Model: IEZATB4.5S

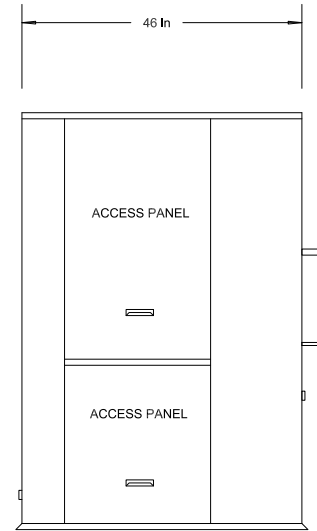
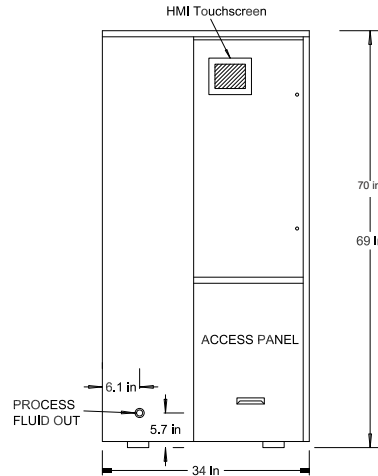
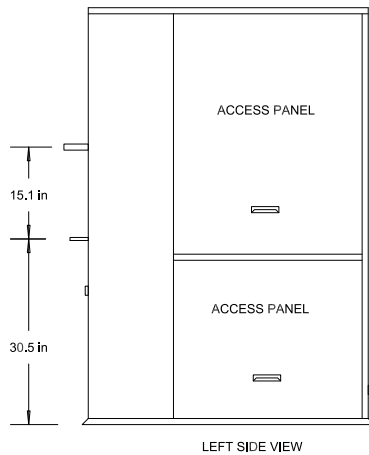
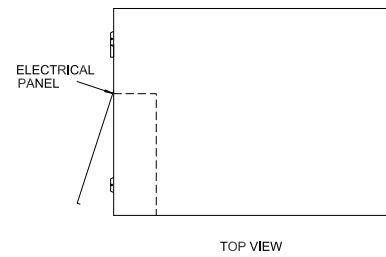
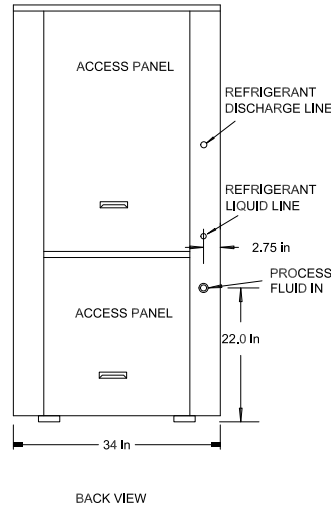
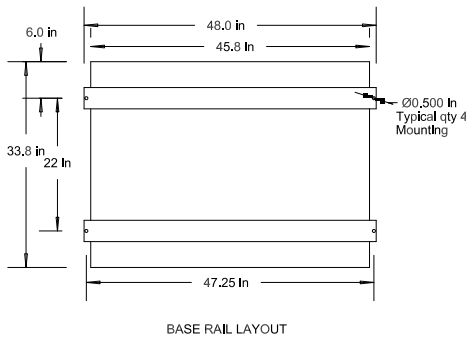
Split-System, Air-Cooled 4.5 HP Brewery Chiller

## Product Dimensional Drawing

© Property of J&M Fluidics, Inc.

with Stainless Steel Tank

**R454C  
Refrigerant**



## Dimensional & Electrical Table (Single Circuit)

| Chiller System | Brewery Model | Capacity (90°F Ambient) |             | Glycol Pump (HP) | Tank | Dimensions |       |        | Ship Weight | Operating Weight | Electrical Data      |     |     | Glycol Fitting Connections |
|----------------|---------------|-------------------------|-------------|------------------|------|------------|-------|--------|-------------|------------------|----------------------|-----|-----|----------------------------|
|                |               | 28°F Glycol             | 33°F Glycol |                  |      | Length     | Width | Height |             |                  | Voltage / Phase / HZ | MCA | MOP |                            |
| 4.5 HP         | IEZATB4.5SE8  | 39100                   | 43700       | 1                | 50   | 46         | 34    | 70     | 800         | 1085             | 208/230-1-60         | 43  | 70  | 1 1/4"                     |
|                | IEZATB4.5SF8  |                         |             |                  |      |            |       |        |             |                  | 208/230-3-60         | 33  | 50  |                            |
|                | IEZATB4.5SH8  |                         |             |                  |      |            |       |        |             |                  | 460-3-60             | 13  | 20  |                            |
|                | IEZATB4.5SI8  |                         |             |                  |      |            |       |        |             |                  | 575-3-60             | 10  | 15  |                            |