

## Microseparator® HC6 Plus Coolant Cleaning System

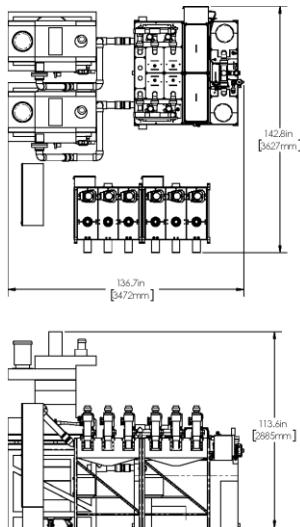
Automated coolant cleaning system for mass manufacturing environments for up to six high throughput lens generators, organic materials only. Integrates with Pump Stations, Chip Separators, or Compactor Assemblies. Designed for operation remote from generators allowing optimum use of surfacing laboratory space

### Includes:

- Self-cleaning CF150 G centrifuges (2)
- Structural mounting platforms (2)
- PLC System electrical control panel with graphical touch screen interface
- 304 SS tank weldment with rolled bottom, and (2) lens tape screen boxes
- Generator coolant supply pumps (2) with closed loop pressure control
- Centrifuge coolant supply pumps (4)
- Refrigeration coils (2) (thermocouple, controller, and auto-valve included).
- Automatic water makeup system
- Automatic coolant metering system



### System Dimensions



### Notes to drawing

Dimensions shown are for a typical arrangement incorporating Compactor Assemblies shown at lower side of the plan view.

Arrangement of components can vary from the layout shown to suit space requirements.

Arrangements other than shown at left should be reviewed in detail with Bazell engineering prior to installation.

### Utility Requirements

#### Microseparator® HC6 Plus

**Power:**  
480VAC, 100A, 3ph, 60Hz  
400VAC, 100A, 3ph, 50Hz

**Domestic Water:**  
Min 5GPM (18 l/min) @ min 30 PSI (2 bar)

**Compressed Air:**  
3 scfm (84l/min) @ 75 PSI (5 bar)

**Chilled Water:**  
21 GPM (4.5 m³/h) 27 kW max load

**Weights:**  
System total  
Empty: 7200 lb (3265 kg)  
Full: 10200 lb (4627 kg)