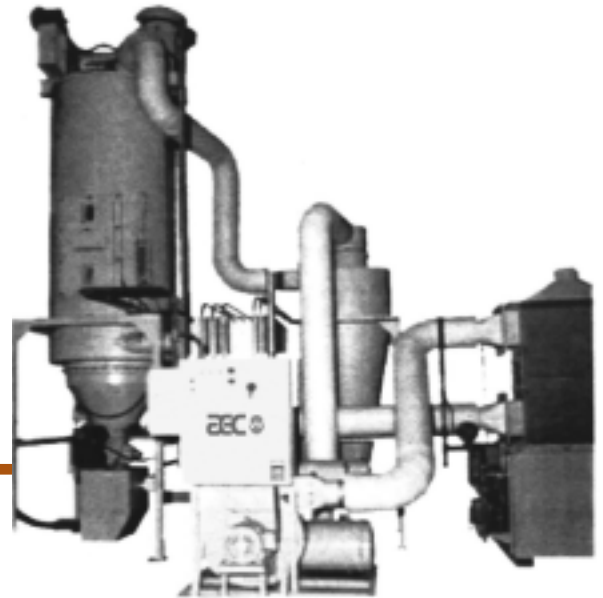




## CL SERIES RESIN CRYSTALLIZER

AEC's CL Series crystallizers are used to crystallize amorphous material in a continuous process. Slow speed agitation of the material prevents agglomeration and minimizes product degradation.

CL Series resin crystallizers are engineered for each application. Consult factory for lead time and price. All gasket material is capable of withstanding process air temperatures in excess of 350°F.



Crystallizer System

### STANDARD FEATURES

- Agitated hopper with floor stand
- High temperature (400°F maximum) blower and heater assembly
- Fully insulated, mild steel hopper
- Hinged door with sight glass
- Safety interlocks on door shut down agitator
- High and low level sensors
- Mid-level thermocouple
- Heavy-duty drive and agitator arm assembly designed for 5 rpm
- Rotary air lock
- Surge hopper with high level shut down
- Duct work for typical installation
- Relay control logic
- 460/3/60
- Requires positive shut-off vacuum receiver to load crystallizer
- Two position take-off box is required

### OPTIONAL FEATURES

- Gas-fired air heater
- Dust collection system (in addition to cyclone)
- Stainless steel hopper construction
- Mezzanine mount hopper
- Dual hinged access doors
- Additional sight glass
- Mid-level sensor
- Additional thermocouple (specify position)

## SPECIFICATIONS

| Model   | Max. Throughput, lbs./hr | Hopper Capacity, cu. ft. (liter) | Dryer Size, CFM (m <sup>3</sup> /hr) | Duct Size, in. |
|---------|--------------------------|----------------------------------|--------------------------------------|----------------|
| CL 90   | 90                       | 5 (140)                          | 85 (145)                             | 4              |
| CL 180  | 180                      | 10 (285)                         | 185 (315)                            | 4              |
| CL 270  | 270                      | 15 (425)                         | 255 (430)                            | 4              |
| CL 450  | 450                      | 25 (710)                         | 400 (680)                            | 6              |
| CL 660  | 660                      | 37 (1050)                        | 600 (1015)                           | 6              |
| CL 900  | 900                      | 50 (1415)                        | 750 (1270)                           | 6              |
| CL 1350 | 1350                     | 75 (2125)                        | 1200 (2035)                          | 8              |
| CL 1800 | 1800                     | 100 (2830)                       | 1500 (2550)                          | 8              |
| CL 2700 | 2700                     | 150 (4250)                       | 2700 (4580)                          | 10             |
| CL 4000 | 4000                     | CF                               | N/A                                  | N/A            |

CF = Consult factory