



## APK SERIES RESIN CRYSTALLIZER

AEC crystallizers convert amorphous plastics into a semi-crystalline state so that a subsequent drying sequence is possible. In the process, the material is heated and kept moving constantly (using an agitator) during the crystallization phase. This prevents the clumping of the material during crystallization. The system is operated by a microprocessor control system.



Crystallizer System

### STANDARD FEATURES

- *Stainless steel contact surfaces*
- *Enlarged access for cleaning*
- *Microprocessor control system*
- *Special advanced start-up sequence*
- *Pre-programmed crystallization time*
- *Automatic inlet valve*
- *Filling level indicator for high-level*
- *Safety temperature limiter on heater*
- *Even, optimum degree of crystallization due to horizontal agitator*
- *Designed for continuous material processing*

### OPTIONAL FEATURES

- *Exhaust filter/separator for processing of dusty materials*
- *V24 printer interface*

## SPECIFICATIONS

Model	A, in. (mm)	B, in. (mm)	C, in. (mm)
APK 50	50.8 (1290)	74.8 (1900)	31.5 (800)
APK 200	63.0 (1600)	94.5 (2400)	50.4 (1280)
APK 400	72.8 (1850)	109.4 (2780)	58.7 (1490)
APK 600	72.8 (1850)	125.2 (3180)	58.7 (1490)
APK 1000	CF	CF	CF
APK 2000	CF	CF	CF

CF = Consult factory

## PERFORMANCE

- Maximum throughput of 1.87 lbs./l (0.85 kg/l)  
 APK 50: 176 lbs./hr (80 kg/hr)  
 APK 200: 661 lbs./hr (300 kg/hr)  
 APK 400: 1323 lbs./hr (600 kg/hr)  
 APK 600: 1764 lbs./hr (800 kg/hr)
- Voltage 460/3/60 (Other voltages available. Consult factory.)
- Power consumption  
 APK 50: 4 kW  
 APK 200: 19 kW  
 APK 400: 34 kW  
 APK 600: 40 kW
- Larger models are available - consult factory

