

Crystallizer

CR - Series



A Nu-Vu Conair crystallizing system will allow you to convert amorphous PET (granules / flakes) to a crystalline state that can be dried. The drying can occur at an elevated temperature to obtain low moisture levels without the fear of agglomeration.

As amorphous PET material is loaded into the agitating hopper, the processing temperature is set on the control. When the system is turned on, the crystallizer automatically directs heated air to the material through the bottom spreader cone of the agitating hopper. Constant, slow agitation of the blades prevents agglomeration and material degradation during heating.

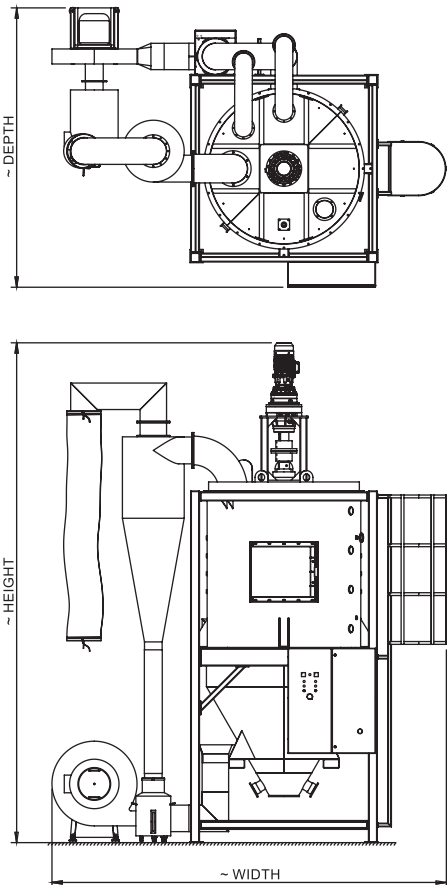
Convert
Amorphous
PET to
usable
Crystalline
material.

Reliable High Quality Material Output

- Agitating hopper prevents agglomeration
- Access doors and removable cone section
- PID control on heat source
- Can be easily integrated with other material handling equipment

Optional Features

- Pneumatic slide gate at discharge
- Material distribution box
- Butterfly valve
- Magnet box



Technical Specifications

Model	CR 10-300	CR 14-400	CR 21-600	CR 42-1200	CR 56-1600	CR 70-2000	CR 85-2400	CR 105-3000	CR 135-3800	CR 215-6000
Storage capacity (liters)	300	400	600	1200	1600	2000	2400	3000	3800	6000
Installed load (kW)	32.0	33.7	33.7	66.0	82.5	131.2	131.2	131.2	164.9	262.5
Crystallizer main dimension (mm)										
- Height	3150	3250	3650	4550	4900	4920	5200	5600	5800	6820
- Width	1900	2000	2650	3600	3600	4000	4000	4000	4600	4600
- Depth	2100	2200	2050	2350	2350	2900	2900	3100	3130	3270
Installed weight (kg)	550	830	900	1600	1800	2250	2500	2750	3300	4300

All specifications are subject to change without prior notice.

LEADING MANUFACTURER OF PLASTIC AUXILIARY EQUIPMENT

Material Storage | Conveying | Drying | Blending | Heat Transfer | Size Reduction



(An ISO 9001:2015 Certified Organization)

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