

Single Vacuum Hopper Loader

Decreases manual handling and improves efficiency.

Comet's CAL-UG series single vacuum hopper loaders are designed specifically for transporting plastic granules to extruders, injection molding and blow molding machines. The CAL-UG, comprised of six models, is equipped with a vacuum blower from 2 HP and up, a cyclone dust separator and a dust collection bin to effectively reduce filter load.

Standard Features

- The cyclone dust separator's down blowing design for dust removal.
- Separate dust collector for easy cleaning.
- Microprocessor control is housed away from the main control box to minimize interference and improve ease of operation
- Central filter is equipped with an air accumulator and self-cleaning device for the hopper.
- Equipped with an error alarm light.
- In case of power failure, data stored on EPROM does not require a backup battery.

Options

- Air accumulator auto washing unit to provide contamination-free processing (for CAL-3.5HP-UG and above).
- CCH-6U/12U/ for either standard or heat-insulated hopper.
- Cyclone dust separator for CAL-2HP-UG.
- Set regrind mix ratio function via an optional CPV-U and couple with a quick mixing valve to enhance the mixing effect.
- Buzzer alarm.



CAL-5HP-UG



CAL-2HP-UG



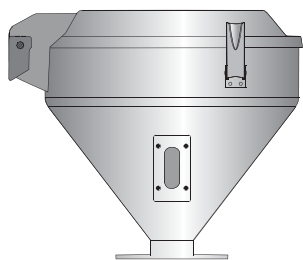
CHR-24U



CHR-6U-E

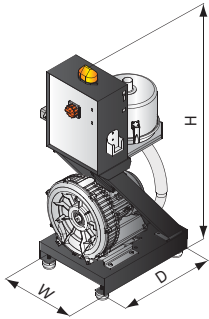


Plate Filter Bag Filter

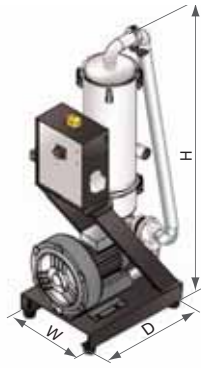


CCH-12U (optional)

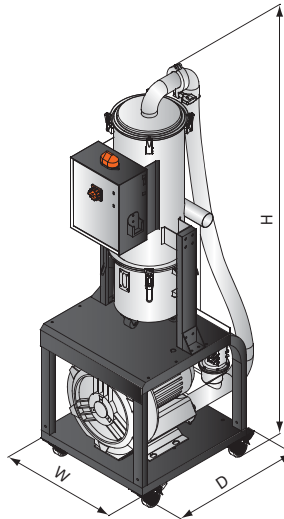
Outline Drawings



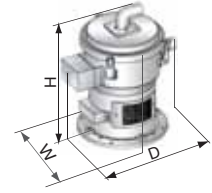
2HP (Main Unit)



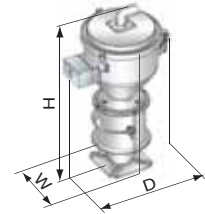
3.5 & 5HP (Main Unit)



7.5 ~ 20HP (Main Unit)

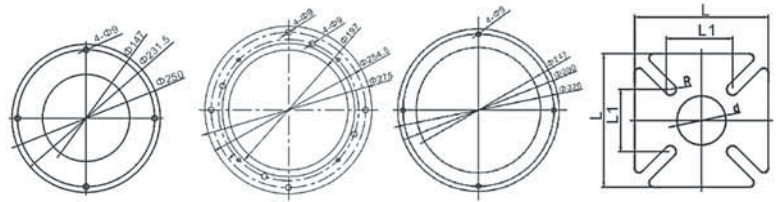
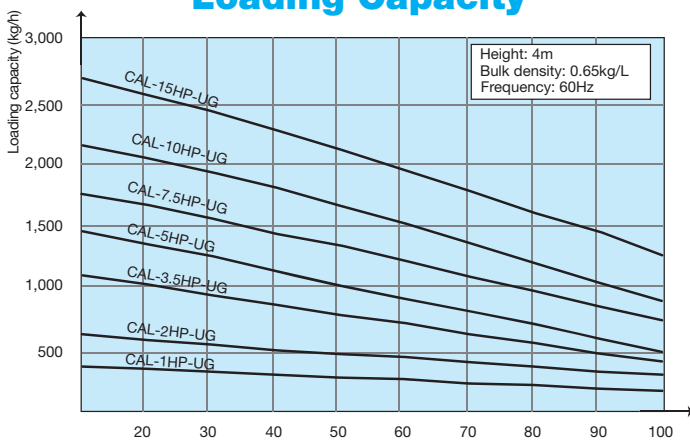


CHR-U



CHR-U-E

Loading Capacity



Specifications

Model	MAIN UNIT				Hopper Receivers				Loading Pipe Dia (in)	Air Suction Pipe Dia (in)	Loading Capacity (lb/hr)
	Motor Power (kW, (50/60Hz))	Specification	Dimensions H x W x D (mm)	Weight (lb)	Applicable Model	Capacity (L)	Dimensions H x W x D (mm)	Weight (lb)			
CAL-2HP-UG	1.5 / 1.8	3φ	665 x 370 x 405	101	CHR-12U x 1	12	470 x 315 x 400	15.5	1.5"	1.5"	1,102
					CHR-12U-E x 1		700 x 315 x 400	26.5			
CAL-3.5HP-UG	2.4 / 2.6	3φ	1380 x 490 x 570	161	CHR-24U x 1	24	690 x 315 x 400	20	2"	2"	1,653
					CHR-24U-E x 1		690 x 315 x 400	29			
CAL-5HP-UG	3.75 / 4.2	3φ	1380 x 490 x 570	163	CHR-24U x 1	24	1120 x 360 x 400	20	2"	2"	2,205
					CHR-24U-E x 1		1120 x 360 x 400	29			
CAL-7.5HP-UG	5.5 / 6.3	3φ	1830 x 585 x 790	344	CHR-36U x 1	36	930 x 315 x 400	24	2"	2.5"	2,646
CAL-10HP-UG	7.5 / 8.6	3φ	1830 x 585 x 790	353	CHR-36U x 1	36	930 x 315 x 400	24	2"	2.5"	3,527
CAL-20HP-UG	13 / 18.7	3φ	2370 x 690 x 974	520	CHR-48U x 1	48	975 x 350 x 485	33	3"	3.5"	4,409

- Notes:**
- CHR-U = vacuum hopper receiver.
 - CHR-U-E = photosensor hopper with glass tube.
 - Select ACF-1 Cyclone Dust Separator for CAL-2HP-UG Main Unit.
 - Optional air accumulator and filter cleaning device for CAL-3.5HP-UG124 models and above.
 - Vacuum breaking diaphragm valve standard for CAL-3.5HP-UG and above to protect motor.
 - Conveying capacity test condition:
Bulk density of plastic material: 0.65kg/L
Dia.: 3~5 mm
Vertical conveying height: 4m
Horizontal conveying distance: 5m
 - Power supply: 3Ø, 230/400/460/575V, 50/60Hz

We reserve the right to change specifications without prior notice.

