

## Filterless Central Hopper Receivers

*An integral part of any central conveying system for rapid conveying of free-flowing virgin pellets and regrind.*

Comet's CHR-U-S filterless central hopper receivers are an integral part of any material loading system for trouble-free conveying of plastic pellets and regrind. There are two designs available to control the material level. Both designs have an internal sequencing valve that works with a central vacuum pump and central control to perform reliable, consistent production, and a quick-disconnect vacuum lid ensuring fast, easy cleanup and maintenance (except the CHR-48U and higher).

1. **Vacuum Receiver** (style U-S): Vacuum hopper loader configuration with a magnetic reed switch and discharge valve.
2. **Photosensor Receiver** (style U-ES): Photosensor with a glass hopper that can connect directly to the throat of a processing machine.

### Standard Features

- 100% corrosion-free stainless steel hoppers prevent pellet contamination and increase the loader's lifespan.
- Reed switch on the vacuum hopper guarantees material is supplied on time, without interruption.
- Photosensor switch accurately controls the loading process.
- Vacuum diaphragm valve inside the loader ensures continuous material loading, prevents material shortages, and enables the loader to be auto-controlled by a centralized system without additional wiring.
- Internal stainless steel mesh filter prevents dust and fines, and other contaminants from being sucked into the vacuum line.
- 6-pin plug connects with Comet's CAL-UG124 hopper loader ensuring safe, reliable performance.
- ON/Off switch at loader.

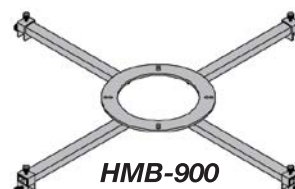


CHR-U-ES

CHR-6U-S

### Optional Accessories

- Multifunctional HMB-900 installation frame with 35½" (900mm) adjustable selection range.
- Storage collective hopper or heat-insulated collective hopper for direct mounting at the inlet of an injection molding machine.
- Non-return valve or pneumatic non-return valve to prevent central conveying system leakage when several central loaders share the same material pipeline.



HMB-900

## Specifications

CHR Models	3U-S	3U-ES	6U-S	6U-ES	12U-S	12U-ES	24U-S	24U-ES	36U-S	48U-S
Hopper Capacity (gal)	0.8		1.6		3.2		6.3		9.5	12.7
Capacity (L)	3		6		12		24		36	48
Conveying Pipe Dia. (inch)	1.5		1.5		1.5		2		2	2.5
Air Suction Pipe Dia. (inch)	2		2		2		2.5		2.5	3

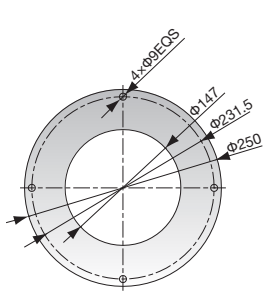
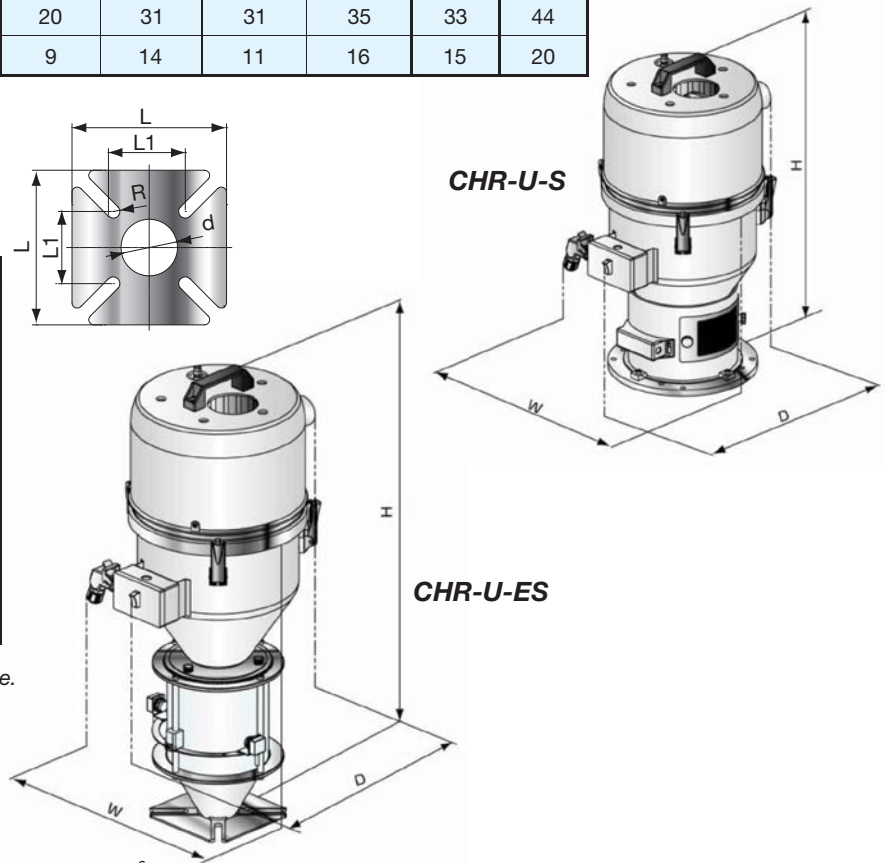
## Dimensions

H	(inch)	23.6	29.3	22	28.7	24.2	32	32.5	49.4	40.7	45
	(mm)	600	745	560	730	615	810	825	1255	1035	1140
W	(inch)	10.6	10.6	12	12	13.2	13.2	13.2	15.7	13.2	15.7
	(mm)	270	270	305	305	335	335	335	400	335	400
D	(inch)	13.4	13	14.8	14.8	16	16	16	16	16	19
	(mm)	340	330	375	375	405	405	405	405	405	480
Weight	(lb)	10	10	17	21	20	31	31	35	33	44
	(kg)	4.5	4.5	7.5	9.5	9	14	11	16	15	20

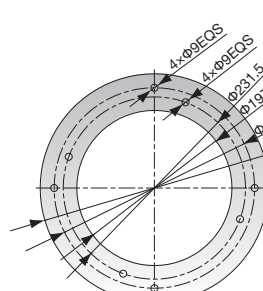
## CHR-U-ES Base Mounting Dimensions

CHR Models		3U-ES	6U-ES	12U-ES	24U-ES
L	(inch)	4.7	6	7	7
	(mm)	120	150	180	180
L1	(inch)	2	2.7	3	3.4
	(mm)	50	70	80	85
d	(inch)	1.5	2.2	2.2	3
	(mm)	40	55	55	80
R	(inch)	.25	.25	.25	.25
	(mm)	6.5	6.5	6.5	6.5

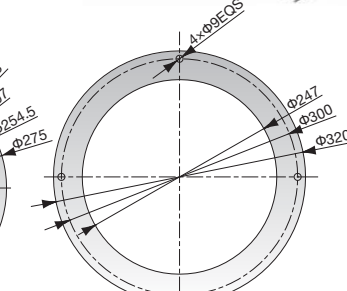
We reserve the right to change specifications without prior notice.



**CHR-3U**  
Base Flange



**CHR-6U~36U**  
Base Flange



**CHR-48U~96U**  
Base Flange