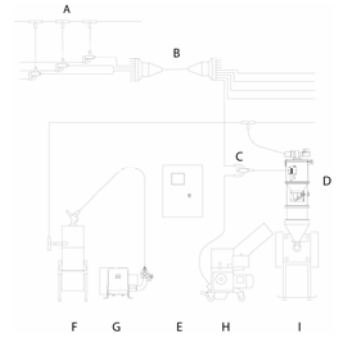


Typical Setup for a multiple vacuum conveying system.

- A Purge valve
- B Rotary valve
- C Porportioning valve
- D Vacuum receiver
- E Conveying control system
- F Central vacuum filter
- G Vacuum pump
- H Granulator
- I Processing machine



Component G is described below.

Brief Description

Application:

The Colortronic CPC Series vacuum pump allows for the conveying of free-flowing palletized plastic materials using vacuum receivers integrated into a central conveying system.

- Colortronic vacuum pumps are designed for continuous, 24-hour operation
- Recommended for clean, free-flowing material with little or no dust
- Ultra compact design

Rugged, modular construction

Colortronic is able to provide several types of ultra-compact vacuum power units to suit your conveying needs. The CPC Series vacuum pump uses a quiet regenerative/centrifugal blower and can be utilized to convey free-flowing palletized materials over distances up to 400 equivalent feet.



Technical Information

Basic Version

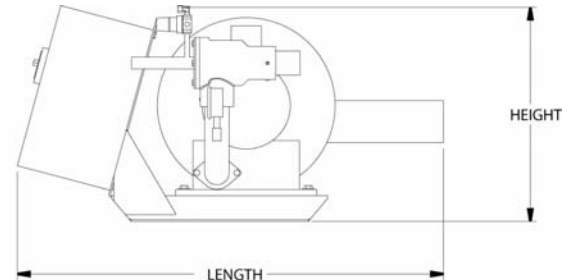
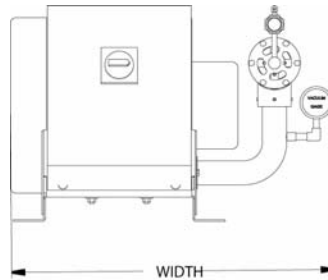
- Regenerative/centrifugal blower
- Atmospheric vent valve
- NEMA 12 junction box with disconnect, motor starter, and overload.
- 230/3/60 and 460/3/60 supply voltage
- High vacuum relief for safe operation
- Dimensions:
 - CPC 3.5: 35" L x 36" W x 18" H (89 x 91 x 46 cm)
 - CPC 6.5: 31" L x 24" W x 18" H (79 x 61 x 46 cm)
 - CPC 11: 35" L x 31" W x 19" H (89 x 79 x 48 cm)
- Maximum recommended conveying distance:
 - CPC 3.5: 0-150 equivalent feet (46 m)
 - CPC 6.5: 0-300 equivalent feet (91 m)
 - CPC 11: 0-400 equivalent feet (122 m)
- Shipping Weight:
 - CPC 3.5: 130 lbs. (59 kg)
 - CPC 6.5: 149 lbs. (66 kg)
 - CPC 11: 160 lbs. (73 kg)

Optional Equipment

- Special voltage: 220/3/50, 380-415/3/50, 208/3/60, 575/3/60
- Filter support bracket
- Purge capability
- Closed loop conveying valve

Full Load Amps

| | 230V | 460V | 575V |
|---------|------|------|------|
| CPC 3.5 | 7.1 | 4.6 | 3.0 |
| CPC 6.5 | 12.9 | 6.5 | 4.3 |
| CPC 11 | 32.5 | 16.2 | 10.6 |



| Model | Air Flow | | 460 V Power Unit | | Vacuum Line Size | Material Line Size | Recommended Vacuum Receivers | |
|---------|----------|-----|------------------|-----|------------------|--------------------|------------------------------|-----------|
| | cfm | cmh | HP | KW | In., OD | In., OD | Cu. ft. | Liters |
| CPC 3.5 | 106 | 180 | 3.5 | 2.7 | 2.0 | 1.5 | 0.02, 0.1 | 0.5, 3 |
| CPC 6.5 | 152 | 258 | 5.0 | 3.7 | 2.0 | 2.0 | 0.1, 0.2 | 3, 5 |
| CPC 11 | 225 | 381 | 11.5 | 8.5 | 2.5 | 2.5 | 0.2, 0.4, 1.0 | 5, 10, 30 |

Notes: To convert to mm, multiply by 25.4. Customer is responsible for conversion to metric.
Consult factory for system installations above 1,500 ft. (457 m) elevation. High elevation alters system performance.