# PlymoVent Demand Control Ventilation/Pressure Transmitter (DCV/PT)

The PlymoVent Demand Control Ventilation (DCV) system will pay for itself within months, not years!




The DCV with pressure transducer is recommended when you want to save energy and reduce your systems' air volume based on demand. The DCV works with a pressure transmitter that monitors the air pressure in the duct system and adjusts the fan speed by adjusting the fan motor's frequency. When a vehicle is started, the pressure transmitter senses the change in the ductwork pressure and increases the air volume based on the number of vehicles running. This system guarantees that the proper air volume is always provided and eliminates excess air that will waste energy. DCV controllers are available to modulate motors from 0.75 - 55 kW/1 - 75 HP.





## TECHNICAL DATA

### DCV-Controller

| Prod. no. | Motor | Max Amperage | Weight |
|---|---|---|---|
| FO-007 | 0.75-1.1 kW / 1.0-1.5 HP | 3.4 | 12.0 kg / 26.4 lbs |
| FO-022 | 2.2 kW / 3.0 HP | 6.5 | 11.0 kg / 24.2 lbs |
| FO-040 | 4.0 kW / 5.0 HP | 9.0 | 22.0 kg / 48.4 lbs |
| FO-055 | 5.5 kW / 7.5 HP | 14.8 | 57.0 kg / 59.4 lbs |
| FO-075 | 7.5 kW / 10.0 HP | 18.0 | 27.0 kg / 59.4 lbs |
| FO-110 | 11.0 kW / 15.0 HP | 24.0 | 52.0 kg / 114.4 lbs |
| FO-150 | 15.0 kW / 20.0 HP | 31.0 | 58.0 kg / 127.6 lbs |
| FO-185 | 18.5 kW / 25.0 HP | 39.0 | 58.0 kg / 127.6 lbs |
| FO-225 | 22.5 kW / 30.0 HP | 45.0 | 80.0 kg / 176.0 lbs |
| FO-300 | 30.0 kW / 40.0 HP | 60.0 | 80.0 kg / 176.0 lbs |
| FO-370 | 37.0 kW / 50.0 HP | 75.0 | 105.0 kg / 231.0 lbs |
| FO-450 | 45.0 kW / 60.0 HP | 91.0 | 105.0 kg / 231.0 lbs |
| FO-550 | 55.0 kW / 75.0 HP | 112.0 | 105.0 kg / 231.0 lbs |