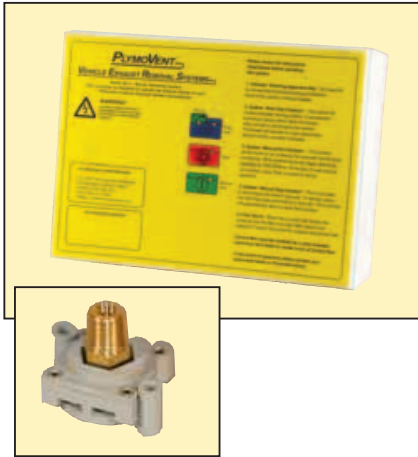


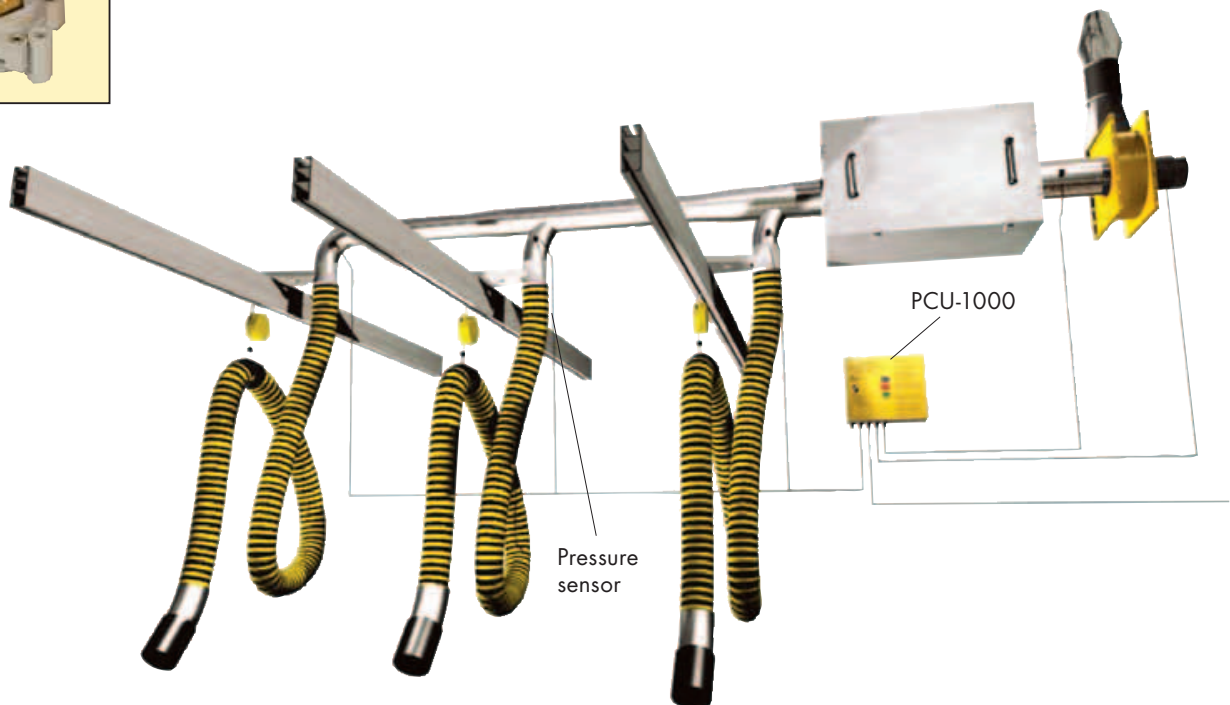
PlymoVent PCU-1000

The PCU-1000 is recommended when you are looking for a totally automatic system controller.



The PCU-1000 operates only when the vehicle is running on the system. When the vehicle is started, the PCU-1000 controller with its integrated pressure and temperature sensors auto-

matically senses the output from the tailpipe and starts the exhaust fan. The PCU-1000 will also monitor the filter status of a uni-filter if you have installed one in your system.



Three hose extractors equipped with PCU-1000 automatic fan starter.

TECHNICAL DATA

Prod. no.	Description
PCU-1000	Automatic control unit for exhaust fan control. One control unit is required per fan.

PC-500	Pressure sensor for automatic exhaust fan start. Line supply: 24 V. To be used together with control unit PCU-1000.
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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