

Advent Balanced Pressure Foam Systems

The Advent Balanced Pressure Foam Systems are designed for use with WILLIAMS FIRE & HAZARD CONTROL® (WILLIAMS) THUNDERSTORM®, T-STORM®, and Class A foam concentrates for emergency response to both Class A and Class B fire hazards. With proper calibration, the Advent system may also be used to proportion many other commercially available AFFF, AR-AFFF, and protein foam concentrates.

The Advent system utilizes a positive displacement pump for foam concentrate delivery. The pressure is regulated via the foam concentrate by-pass flow which is returned to the suction side of the pump. A foam-to-water heat exchanger (shell and tube type) keeps the foam cool in the event of a prolonged deadhead pump operation.

Features

- Multiple foam injection points
- Simultaneous variable proportioning rates
- Capable of operation with Class A or B foam concentrates
- No additional load on the chassis electrical system (less than 1 amp at 12 VDC)
- Automatic pressure control
- Manual by-pass capability

- All mechanical components
- Common manifolding not required
- Variable foam concentrate flow rates from 12 gpm to 120 gpm (45 Lpm to 454 Lpm)
- Broad range of solution flow rates from 40 gpm to 5,000 gpm (151 Lpm to 18,927 Lpm)

Available Options

- Tank-to-pump and tank-fill controls
- A/B tank selector and flush control
- Pneumatic tank control kit
- Pneumatic A/B change-over kit
- Single or dual tank controls (sold separately)
- Individual discharge metering valves (sold separately with discharge ratio controller kits)

Model	Base Unit	Single Tank Control	Dual Tank Control
Advent 12 (PTO)/12 VDC	11691	11701	11706
Advent 12 (PTO)/24 VDC	11692		
Advent 12E (230 VDC)/12 VDC	11693	11703	11708
Advent 12E (230 VDC)/24 VDC	11694		
Advent 30/12 VDC	11695	11704	11709
Advent 30/24 VDC	11696		
Advent 60/12 VDC	11697	11705	11710
Advent 60/24 VDC	11698		
Advent 120/12 VDC	11699		
Advent 120/24 VDC	11700		

