

# SMI STANDARD POLECAT

## WITH ONBOARD BOOSTER PUMP

The SMI® Standard PoleCat, equipped with an onboard 15HP (11kW) booster pump, is your solution for low pressure spots. This model can come with either a 15HP (11kW) or 10HP (7.5kW) fan for impressive throw and is partnered with a 5HP or 10HP compressor. Choose between manual or automatic configurations.

Built on the proven PoleCat technology, its flow is customizable to fit your unique climate and snowmaking requirements. It boasts 18 nozzles, nucleated by a central six-jet nucleator nozzle. Adjusting water is a breeze with three heated self-draining valves in manual setup, or opt for an automated valve manifold.

Simple to operate and maintain, this unit is a versatile performer for all conditions. Experience another outstanding snowmaking solution from SMI. Contact SMI or your local representative for more details, or visit us at [snowmakers.com](http://snowmakers.com).





# TECHNICAL SPECIFICATIONS

## FLEXIBILITY AND PERFORMANCE

The Standard PoleCat with onboard booster pump combines the performance of our PoleCat line with a boost in pressure. The pump requires a maximum of 100 psi inlet water pressure to boost your water to ideal snowmaking pressures (max 500 psi).

Partner your Standard PoleCat with SMI's SmartSnow™ Automation & Control software with proven communication options, accurate weather measurement, and remote control software and mobile application.



Screen using SmartSnow™ Automation & Control software



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- **Mount:** 3 wheel galvanized steel carriage with Snowcat lifting brackets
- **Electrical:** Three phase
- **Fan:** 15 HP (11 kW) or 10 HP (7.5 kW)  
**Fan Speed:** 1760 rpm at 480V/60Hz or 1450 rpm at 400V/50Hz  
**Propeller:** SMI patented aluminum  
**Screen:** Stainless steel
- **Compressor:**  
 5.5 HP (4.8 kW) Atlas Copco, 21.4 cfm at 100 psi (10.1 l/s at 7 bar) or 5 HP (3.7 kW) Hydrovane, 22 cfm at 100 psi (10.4 l/s at 7 bar) or 10 HP (7.5 kW) Hydrovane, 43.3 cfm at 100 psi (20.5 l/s at 7 bar)
- **Heating:** 225 W  
 Optional spray manifold heater 1300 W (480V/60Hz)
- **Water Pressure:** Minimum 20 psi and maximum 100 psi inlet water pressure to booster pump
- **Water Connection:** Customer's choice
- **Valves:** 3 self-draining heated 3-way valves or automated valve manifold
- **Nozzles:** Always on banks: 6 nozzles  
 Valve 1: 4 nozzles  
 Valve 2: 4 nozzles  
 Valve 3: 4 nozzles  
 Total: 18 nozzles
- **Nucleators:** Central nozzle with six jets
- **Filtration System:** Stainless steel filter with washable 30 mesh (595µm) screen
- **Electrical Cord:** 100' (30 m)
- **Rotation:** 360° horizontal rotation, -10° to 60° elevation adjustment
- **Oscillator:** Optional 70° arc of rotation