

## **NEW** Scholastic Pro 90

Engine-Off Pre-Conditioning | Supplemental Interior Heat | Eliminating Cold Starts



### **Coolant Heater Features:**

- Auxilliary heating for school and shuttle buses of all sizes, offering up to 31,000 BTU/h (9.1 kW) of heating power
- Arctic Start function provides quick pre-heat even in extremely cold temperatures
- Low heater power consumption due to highly efficient design
- Highest product quality with long service life
- Automatic altitude adjustment up to 11,000 feet (3,350 m)
- Several mounting options available
- Quiet operation

### **Warm Weather Benefits:**

- Reduce DPF maintenance costs
- Stops white smoke at start up
- Eliminates diesel knock
- Extend DPF regeneration cycles
- Reduce emissions

### **Cold Weather Benefits:**

- Engine pre-heating
- Idle reduction
- Fuel savings
- Accelerated defrost
- Reduce engine wear

## Technical specifications

	Scholastic Pro 90
Heating Capacity (Control range / Boost)	6,100 – 26,000 BTU/h / 31,000 BTU/h (1.8 – 7.6 kW / 9.1 kW)
Fuel Consumption (Control range / Boost)	0.05 – 0.23 gal/h / 0.29 gal/h (0.2 – 0.9 l/h / 1.1 l/h)
Fuels (Suitability for special fuels)	JP8, Diesel 1, Diesel 2, Arctic, Biodiesel (PME)
Rated Voltage	12 V
Power Consumption (Part load - full load / Boost)	37 – 83 W / 90 W
Operational Temperature Range	- 40° to +176° F (- 40° to +80° C)
Dimensions (L x W x H)	15 x 5.5 x 9.13 in (381 x 140 x 232 mm)
Weight	10.8 lbs (4.9 kg)

## Technical specifications for circulating pump (attached to heater)

	U4840
Coolant Flow	3 gal/min (700 l/h)
Dimensions (L x W x H)	7.1 x 2.9 x 4.4 in (180 x 74 x 112 mm) including connectors
Weight	1.5 lbs (0.7 kg)

## Available Scholastic Pro 90 Heater Kit:

Scholastic Pro 90 Compact Kit (12 V): Part Number 5012986A

### Standard Kit Contents:

- Bracket Support
- Bolt
- Clamp Hose
- SD Thermo Pro 90 D 12V Basic WTNA
- Fuel Hose
- Standpipe
- Fuel Line
- Tube Clamp
- Harness Fuel Pump
- Wiring Harness
- Tube Flex
- Bag Install Hardware
- Fuel Filter
- Nut Kep
- Cable Tie
- Label Webasto Color Red Blue
- L-Bracket
- Literature Pack
- Fuse Mini
- Screw Pan
- Clip for Fuse Holder
- SmarTemp Control fx 2.0
- Fuel Hose
- Formed Hose
- Extension Exhaust
- Copper Elbow
- Washer Lock
- Reducer Elbow



Includes:

### SmarTemp Control fx 2.0 timer:



- Programmable runtimes
- USB diagnostics
- Ergonomical design
- Large backlit LCD screen

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