



50QE-1SB



**50QE900-220WS
50QE900-220LA**

**WATER SOURCE HEAT PUMP
COMMERCIAL THERMOSTAT**

**PROGRAMMABLE STANDARD AND
LIGHT-ACTIVATED OPERATION**

- PERFORMANCE DATA**
- PHYSICAL DIMENSION PRINT**



Date:	Supersedes:	50QE900-220WS, 50QE900-220LA WATER SOURCE HEAT PUMP COMMERCIAL THERMOSTAT		50QE	Rev:
JOB NAME:		LOCATION:			
BUYER:		BUYER P.O.#		CARRIER#	
UNIT NUMBER:		MODEL NUMBER:			
PERFORMANCE DATA CERTIFIED BY:					DATE:
DESCRIPTION The 50QE900-220WS and 50QE900-220LA commercial programmable thermostats are wall-mounted, low-voltage thermostats that maintain room temperature by controlling operation of an HVAC (Heating, Ventilation and Air Conditioning) system. STANDARD FEATURES Each thermostat has: Seven-day programmable clock with 4 time periods per day, holiday scheduling for up to 99 consecutive days, copy command for programming schedules, large Thermoglow™ display, heating and cooling operation LED, zone temperature control to 1-degree accuracy, auto-changeover, four-hour setback override, NEVERLOST™ non-volatile memory (no batteries required), service filter indicator, energy saving Smart Fan, three security levels with keypad lockout, 5-minute compressor time guard, and adjustable heat/cool set point limiting. The 50QE900-220LA thermostat also has a built-in light sensor that allows the thermostat to control temperature (to occupied settings) only when the lights in the room are on. PERFORMANCE DATA Physical Characteristics Dimensions (L x W x D): 4.8" x 4.3" x 1.1" Appearance: Plastic Material; Designer White Color; Textured Cover Weight: Approx. 1 lb Power Requirement 5 VA at 24 VAC 50/60 Hz No Batteries Required Environmental Requirements Temperature: Operating: 41 to 104 F (5 C to 40 C) Non-Operating: -40 to 135 F (-40 C to 57 C) Humidity: 0 to 95% RH, Non-Condensing Agency Approvals FCC Part 15 UL UL, Canada CE Electrical Characteristics Input: 24 VAC Outputs: Minimum Load = 1000Ω Max Load = 1.5 A, 50% pf, Inductive Nominal Load Capacity = 1.5 Amps					

PHYSICAL DIMENSION PRINT



