

MAI60011

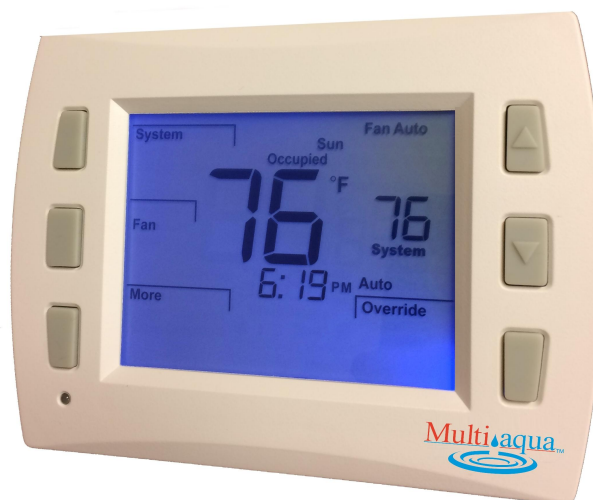
Programmable Thermostat

MULTIAQUA

The MAI60011 is a wall mounted, programmable thermostat compatible with all 24V controlled Multiaqua fan coil models.

Features:

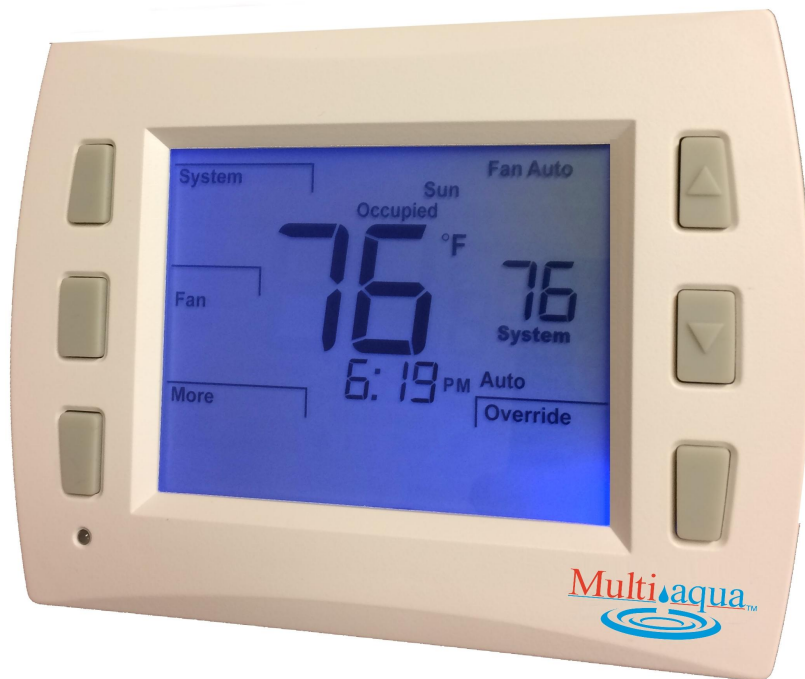
- 24VAC or battery powered
- 2 or 4 Pipe configurable (2H/2C)
- 1, 2, or 3 Fan speed configurable
- 7 Day, 5-1-1, 5-2 Programmable with 365 day calendar
- 3 Levels of lockout with PIN access
- SD memory card interface for repeat programming or copying
- 2 Sensor inputs + 1 aquastat input
- Occupancy sensor input / setback input
- Compressor & auxiliary lockout for dual fuel (fossil) or electric auxiliary heat
- Large back lit display



Title	MAI60011 Programmable Thermostat				
Author	CF	Model Number	Voltage	Length	Height
Date	10-26-16	MAI60011	24VAC	5.70 (in)	4.30 (in)
Rev.	1.23				

MAI60011

2 H / 2 C - Programmable
Multi-fan Control



commercial grade

SD card interface for EASY programming

MAI60011 Multi-fan

Large display, digital thermostat
for commercial applications: including
fan coil, water source, heat pump & PTAC

Large BLUE backlit display
makes it easy to see & easy to adjust.

Programmable or non-programmable
that is field configurable.

Control fans up to 3-speeds
continuous, cycled, or staged.

Key pad lock-out option
allows for 3-levels of lock-out
with PIN code access.

Occupancy sensor input
enabling control to power-down when
room is unoccupied, then power-up
when room is occupied.

High Performance Commercial Functions

- ▶ Battery or low-voltage (hard-wired)
- ▶ Remote sensor input
- ▶ Daily valve-purge option
- ▶ Programmable fan
- ▶ Programmable holidays
- ▶ Heating / cooling LED
- ▶  memory card interface, 2 GB or smaller, enabling quick configuring of large-project installations
- ▶ Configurable operation of Heat (W1) for NC or NO



Fan



Refrigeration



PTAC / PTHP



Fan Coil



Heat Pump

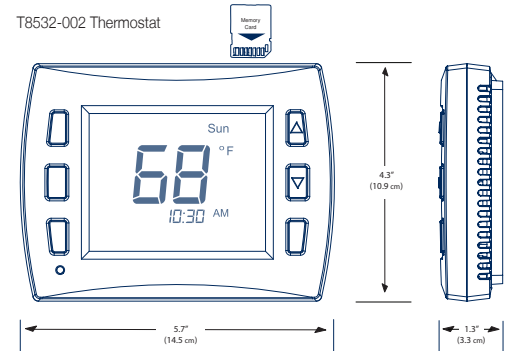
MAI60011

Specifications

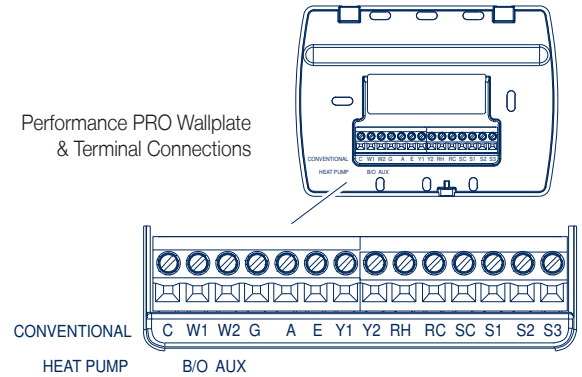
Temperature Control Range	50° to 90° F (10° to 32° C)
Operating Temperature Range	0° to 120° F (-18° to 49° C)
Storage Temperature Range	-20° to 130° F (-29° to 55° C)
Electrical Input Frequency	50/60 Hz +/- 10%
Input Power	24 VAC (20-30 VAC) and/or 2 AA alkaline batteries (Installing batteries recommended)
Output Terminal W - Heating	20-30 VAC 0.02-1.0 A
Output Terminal Y - Cooling	20-30 VAC 0.02-1.0 A
Output Terminal G - Fan	20-30 VAC 0.02-0.6 A
Output Terminal A - Fan	20-30 VAC 0.02-1.0 A
Termination Connections	Wallplate w/ terminal blocks
Memory Card	SD (Secure Digital)

Total load not to exceed 2.5 A

T8532-002 Thermostat



Performance PRO Wallplate & Terminal Connections



Technical Data

Dimensions

Mounting	Direct mount; 2" x 4" horizontal or vertical, or 4" x 4"
LCD Viewable Size	8 inch ² - 2.5" W x 3.2" H 51.8 cm ² - 6.4 cm W x 8.1 cm H
Physical Dimensions	5.7"W x 4.3"H x 1.3"D

Models & Accessories

Model	Part No.	Description
MAI60011		2 Heat / 2 Cool, Multi-fan, programmable thermostat.
68671	68671	Remote sensor
69308	69308	Indoor remote sensor
70327	70327	Outdoor remote sensor
SB200-001	68375	Occupancy sensor - time based
SK200-001	68381	Occupancy sensor - guest room

Terminals

Fan Coil (Conventional)

Heat Pump

24 Vac ,Unswitched side	—	C	—	24 Vac ,Unswitched side
Stage 1 Heat	—	W1	B/O	Reversing Valve
Stage 2 Heat	—	W2	AUX	Auxiliary (Stage 2 or 3)
Fan High	—	G	—	Fan High
Fan Medium	—	A	—	Fan Medium
Fan Low	—	E	—	Fan Low
Stage 1 Cool	—	Y1	—	Compressor Stage 1
Stage 2 Cool	—	Y2	—	Compressor Stage 2
24 VAC Power for heating, switched side	—	RH	—	24 VAC Power for heating, switched side
24 VAC Power for cooling, switched side	—	RC	—	24 VAC Power for cooling, switched side
Signal Common	—	SC	—	Signal Common
Indoor Remote Sensor	—	S1	—	Indoor remote sensor
Occupancy Sensor	—	S2	—	Occupancy Sensor
Seasonal Changeover Switch OPEN = Cooling in Summer CLOSED = Heating in Winter	—	S3	—	-- --

RoHS Compliant

T8532-002-01DS-5-14 © PECO, Inc. 2014

