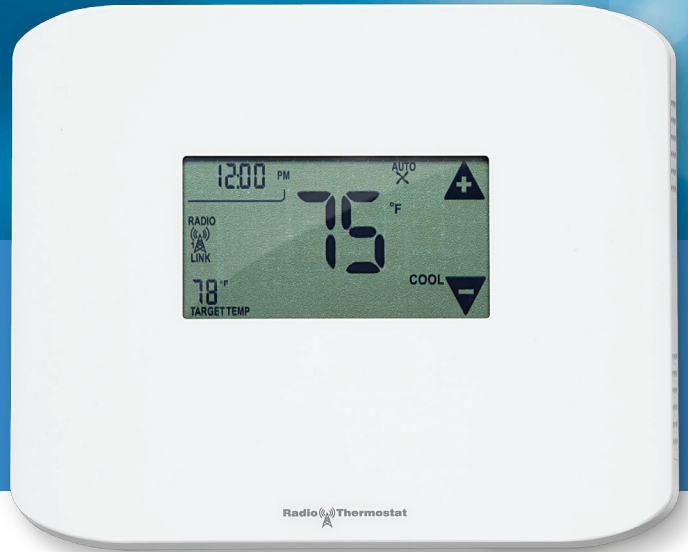


CT100 PLUS COMMUNICATING TOUCH SCREEN THERMOSTAT



Radio Thermostat Company of America

- Ultra Slim Design
- Two Year Battery Life with Radio
- 4 Stage Heat
- Bright Display with Touch Screen
- 7 Day Programmable



TECHNICAL SPECIFICATIONS

PHYSICAL SPECS

HEIGHT	5.0" (127 mm)
WIDTH	6.2" (157 mm)
THICKNESS	0.7" (17 mm)
DISPLAY	2.9" x 1.5" (73x38mm) LCD with White Backlight
TOUCH SCREEN	Yes

OPERATIONAL SPECS

OPERATING TEMPERATURE	32°F ~ 122°F (0°C ~ 50°C)
STORAGE TEMPERATURE	-4°F ~ 158°F (-20°C ~ 70°C)
SHOCK (NON-OPERATING)	10 free drops per ISTA-1A
VIBRATION	14,200 circular impacts per ISTA-1A
SETPOINT ACCURACY	1° F (0.5°C)
AMBIENT TEMPERATURE DISPLAY ACCURACY	0.5° F(0.5°C)
POWER REQUIREMENTS	C-Wire Input: AC: 12V~40V DC Input: 12V~40V Battery Power: AA Battery 4pcs.

COMPATIBLE SYSTEMS

HEAT (FOSSIL OR ELECTRIC)	Up to 2 Stages
COOL	Up to 2 Stages
HEAT PUMP W/ AUX	Up to 4 Stages
AUX HEAT	Up to 2 Stages
HYBRID (FOSSIL AUX HEAT)	Yes
FORCED AIR ZONED HEAT	Up to 2 Stages
FORCED AIR ZONED COOL	Up to 2 Stages
2 WIRE HYDRO VALVES	Yes
3 WIRE HYDRO VALVES	Yes
MILLIVOLT HEAT	Yes

RELIABILITY

OPERATIONAL LIFETIME	15 years
RELAYS	250,000 cycles
COMPRESSOR	8,000/year
HEATING	8,000/year
FAN	16,000/year
CONTACT RATING	(@ 24VAC)
G, W, W2,Y,Y2,O, B, A, RC, RH	2A carry, 5 A surge
POWER-ON TIME	Continuous
IMMUNITY TO VOLTAGE DIPS	Continuous
ELECTROSTATIC DISCHARGE (CONTACT)	8KV
ELECTROSTATIC DISCHARGE (AIR)	20KV

Z WAVE

FREQUENCY (US)	908.42 MHz
GENERIC DEVICE TYPE	Thermostat
SPECIFIC DEVICE TYPE	Thermostat General v2
NODE TYPE (C-WIRE)	FLIRS
Z-WAVE CHIPSET	ZM5202

SETUP

INSTALLATION OPTIONS

- HVAC Fast Setup Codes
- Swing from .5°F ~ 2°F
- Multiple Recovery Settings (FAST/ECON)
- Differential Temperature Setpoint Control
- Filter Replacement Indicator
- Radio Network Setup

USER SETTINGS

- Simple Screen Mode with Limited UI
- 4 Periods per day
- Program Schedule
- Holiday Program
- Hold
- Fan On/Auto
- EMER Select (Aux Heat only)
- Lock - multi-level
- Calibrate Feature
- True Auto