


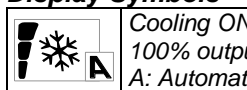

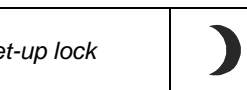
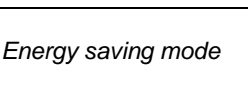
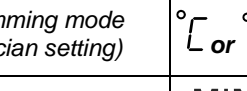
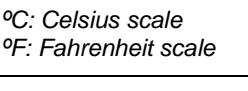
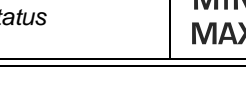
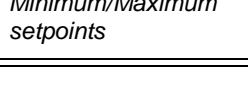

Features:

- Used to program/configure the EFCB Fan Coil controller
- Attractive modern look with large LCD and backlight
- Icon-driven information and 1 line of text information
- 3 wire cable between thermostat and EFCB controller
- Selectable Fahrenheit or Celsius scale
- Multi-level lockable access menu
- Selectable internal or external temperature sensor

TFL54
TFLH54-xxx

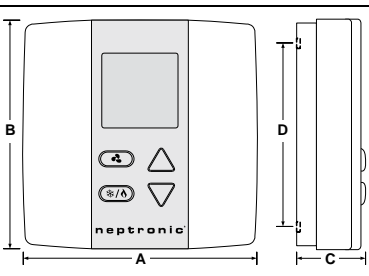
Technical Data	TFL54	TFLH54-xxx
Electrical connection	3 wire cable	3 wire cable
Setpoint range	10°C to 40°C [50°F to 104°F]	Temperature: 10°C to 40°C [50°F to 104°F] Humidity: 10 to 65%RH
Control accuracy	Temperature: ±0.5°C [0.9°F] @ 22°C [71.6°F] typical calibrated	Temperature: ±0.5°C [0.9°F] @ 22°C [71.6°F] typical calibrated, Humidity ±3.5%
Power supply	From EFCB	
Power consumption	1 VA	
Display resolution	±0.1°C [0.2°F]	
Proportional band	0.5°C to 5°C [1°F to 10°F] adjustable	
Operating temperature	0°C to 50°C [32°F to 122°F]	
Storage temperature	-30°C to 50°C [-22°F to 122°F]	
Relative humidity	5 to 95 % non condensing	
Housing degree of protection	IP 30 (EN 60529)	
Weight	80 g. [0.15 lb]	
Note	The TFL(H)5x can only work with the EFC. All the inputs/outputs are located on the EFC except for the temperature sensor built-in the TFL(H)5x.	

Interface

Display Symbols	
	Cooling ON 100% output A: Automatic
	Heating ON 100% output A: Automatic
	Fan ON 100% output A: Automatic
	Menu set-up lock
	Programming mode (Technician setting)
	Alarm status
	Energy saving mode
	°C: Celsius scale °F: Fahrenheit scale
	MIN MAX Minimum/Maximum setpoints

Dimensions

Dimension	Imperial (in)	Metric (mm)
A	3.00	78
B	3.00	78
C	1.00	24
D	2.36	60



Mounting Instructions

CAUTION: Risk of malfunction. Remove power prior to separate thermostat cover (control module) from its base.

- Remove the screw (captive) holding the base and the front cover of the thermostat.
- Lift the front cover of the thermostat to separate it from the base.
- Pull the cable through the base hole.
- Secure the base to the wall using wall anchors and screws (supplied). Make the appropriate connections.
- Mount the control module on the base and secure using the screw (from step A).

Settings on PC Board & Connections

Mode Selection (JP1)	
	<p>Jumper (JP1) on RUN: Thermostat is in Operation Mode. Thermostat must be set in this mode to operate properly. If not locked, setpoint, fan speed and control mode (Heating & Cooling ON, Cooling only ON or Heating only ON) can be modified by end user.</p>
	<p>Jumper (JP1) on PGM: Thermostat is set in Programming Mode. Refer to following section about all settings description</p>
TFL54 – 3 wire cable (TB5 #1, 2 & 3)	TFL55 – RJ45 Ethernet cable
Connect TB6 #4 (A+) & #5 (B-) to EFCB for BACnet service port to work	BACnet service port works only if TFL(H)5x is connected to EVCB

Recycling at end of life

At end of life, please return the thermostat to your Nepronic® local distributor for recycling. If you need to find the nearest Nepronic® authorized distributor, please consult www.nepronic.com.