

ENTHERMICS Medical Systems

Combination Lock Kit

An accessory for Fluid Warmers

EC230*l* - 5008370
EC340*l* - 5008361
EC770*l* - 5008361
EC1540*bl* - 5008361
EC1730*bl* - 5008361



OPERATION AND CARE MANUAL



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ELECTRICAL INFORMATION

POWER REQUIREMENTS - COMBINATION LOCK:

12 V.D.C. — 0.9 Watts (MAX), 0.075 Amps

GENERAL INFORMATION

The Enthermics Combination Lock Kit is designed to safely secure your medical fluids.

The electronic lock is equipped with a five digit keyless control, an electro-mechanical mechanism to secure the Fluid Warmer door, and a standard mechanical key lock override if a power failure should occur. The lock can store any three digit password code. Upon shipment there is a default code that needs to be changed after installation of unit. Power required for the lock draws directly from the power supplied to the Enthermics warmer.

COMBINATION LOCK OPERATIONAL PROCEDURES

**The electronic lock stores a three digit password.
THE SYSTEM DEFAULT COMBINATION IS 1 1 1.**

PROGRAMMING COMBINATION CODE INTO LOCK

1. Select a unique three (3) digit combination code to be used.
2. Press and hold buttons number 1 and 5 at same time for a minimum of five (5) seconds. The LED will illuminate.
3. Enter the current password. The LED will flash rapidly. If the current password is entered incorrectly, the LED will shut off and the user must start the process over.
4. While the LED flashes rapidly, enter the new three (3) digit code into the five (5) digit keyless control. The LED will flash slowly.
5. Re-enter the new password while the LED continues to flash slowly. If the re-entered password matches the first entry, the LED will illuminate continuously during reprogramming, indicating that the lock combination has been successfully changed. If the password is entered incorrectly during the second entry, the LED will shut off and the user must start the process again.

USING ELECTRONIC LOCK

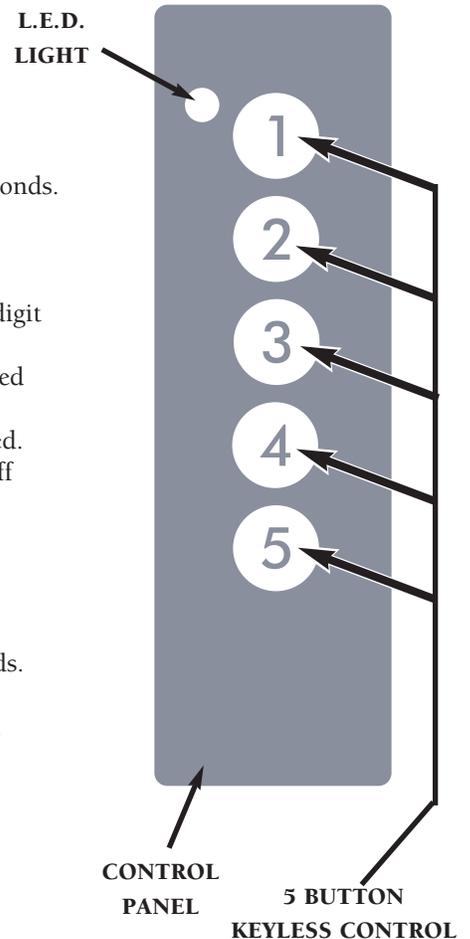
1. Enter the programmed three (3) digit combination into the five (5) button keyless control. The locked door will open automatically.
2. If the wrong combination is entered, the LED will flash rapidly for three (3) seconds. After three (3) seconds the user may re-enter the combination. Subsequent failed combination input attempts will increase the delay time between allowed attempts.

FACTORY RESET

1. Press and hold buttons number 1, 2, 4 and 5 for at least fifteen (15) seconds.
2. The LED will illuminate while the password is reset to the factory default (1 1 1). The LED will shut off when the lock has been successfully reset.

MANUAL OVERRIDE OF ELECTRONIC LOCK

1. Insert key and turn to open door.
2. Lock re-engages when door is closed.



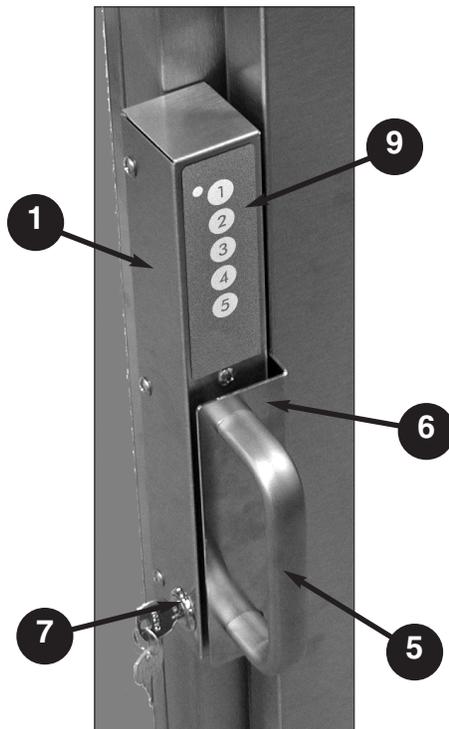
SERVICE PARTS LIST

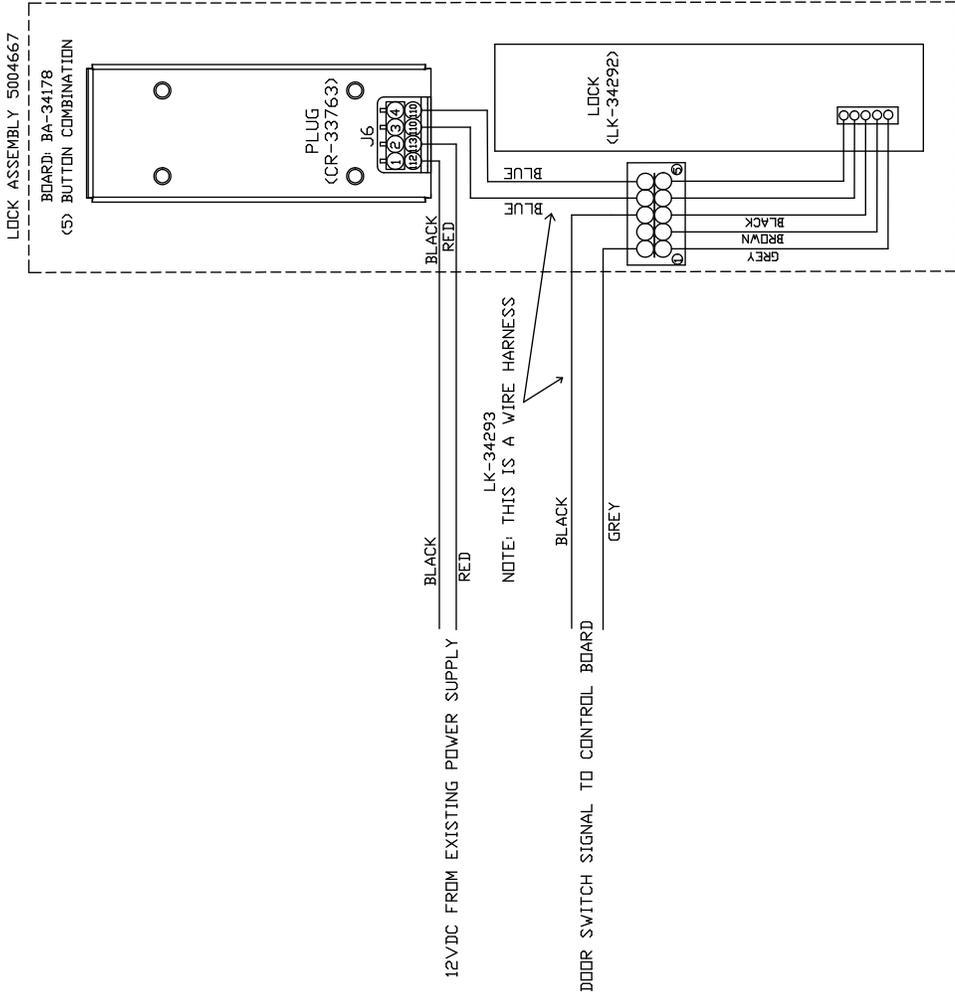
Fluid Warmer Combination Lock Kit

03/09

DESCRIPTION	QTY	EC230ℓ	EC340ℓ	EC770ℓ	EC1540ℓℓ	EC1730ℓℓ
1. COMBINATION LOCK ASSEMBLY	1	5008370	5008361	5008361	5008361	5008361
ELECTRICAL						
2. CONNECTOR, 4 PIN	1	CR-33763	CR-33763	CR-33763	CR-33763	CR-33763
3. CONTROL ASSEMBLY	1	5004668	5004668	5004668	5004668	5004668
MECHANICAL HARDWARE						
4. BOARD, 5 BUTTON	1	BA-34178	BA-34178	BA-34178	BA-34178	BA-34178
5. HANDLE	1	HD-27077	HD-27077	HD-27077	HD-27077	HD-27077
6. HANDLE ASSEMBLY	1	5004731	5004666	5004666	5004666	5004666
7. LOCK, CAM, CYLINDER	1	LK-27076	LK-27076	LK-27076	LK-27076	LK-27076
8. LOCK, LATCH	1	LK-34265	LK-34265	LK-34265	LK-34265	LK-34265
9. PANEL OVERLAY	1	PE-28370	PE-28370	PE-28370	PE-28370	PE-28370

SERVICE VIEWS





WIRING DIAGRAM

NO. REVISION		BY	
1	2/22/08	JPK	
2	07/18/08	PKR	
MODELS: LOCK KIT-ENTHERMICS			
SPEC: 12VDC			
APPROVAL:	PED	DWG:	7824
BY: SP.D	DATE: 7/10/06	B-	