

3108701.727 KIT, ADAPTER, LOAD MANAGEMENT CONTROL SYSTEM

KIT CONSISTS OF:

(2)	303937.772	Wires
(1)	3105936.003	Instruction Sheet

This Kit will adapt Duo-Therm 579, 590 and 6003 Series Ducted Air Conditioners (with 3104999.XXX & 3104998.XXX Kits) to operate in conjunction with the Intellitec Energy Management System (Model EMS-111 Part No. 00-00326-111).

GENERAL INSTRUCTIONS

All field wiring modifications should be made in compliance with the ANSI/NFPA 70 N.E.C. (Latest Edition) and the ANSI A119.2 (Latest Edition) for recreational vehicles. This Kit should only be installed by a qualified serviceman who is familiar with air conditioners and electrical wiring. Read these instructions in their entirety before installing this Kit.

INSTALLATION INSTRUCTIONS

1. Disconnect all 12 Volt DC and 120 Volt AC power supplies to the recreational vehicle.
2. Disconnect the cold control wires from the main circuit board, which is located in the air conditioner's lower electric box mounted on the ceiling template.
3. Connect the blue wires supplied in the Kit onto the terminals of the main board where the cold control wires were attached. (See Illustration below)
4. Remove strain relief from cold control wires. Route the two new wires through the strain relief **WITH THE COLD CONTROL WIRES**.
5. Connect cold control wires to the piggyback terminal on each of the new wires. (See Illustration below)
6. Connect the new blue wires to the Intellitec Energy Management System per its instructions.
7. Reconnect 12 Volt DC and 120 Volt AC power and test.

