

Installation Instructions for **HMI** HOYME TRADP-1102-TPX Includes Timer and Duplex Receptacle to Control a plug-in type Exhaust Fan, Furnace Circulation Fan and Motorized Air Inlet Damper

Installation Of This Adaptor Shall Be In Accordance With The Requirements Of the Authorities Having Jurisdiction.

TRADP - 1102 -TPX



4" x 8 1/4" x 2 1/2"
101 x 206 x 64 mm

This **TRADP-1102-TPX** adaptor includes two relays, a 24Vac **interval timer** and a **split duplex receptacle**. This adaptor acts as an automatic control centre to simultaneously turn on a **furnace fan**, start a plug-in type **exhaust fan** and **open** a 24Vac motorized air **inlet damper**. The duplex receptacle is split to accommodate a live outlet and a controlled 120Vac outlet for the exhaust fan. A designated ventilation switch may be added for direct control to override the timer.

Fitness of this Timer/Adaptor combination to satisfy air supply requirements for fuel fired appliances during operation of the inter-connected exhaust fan(s) shall be investigated by the enforcing authorities.

Air intake duct installation shall be in accordance with: In Canada - CAN/CSA B149 & B139; In the USA – ANSI/NFPA 54, 2006, ANSI Z223.1 and/or local codes including local codes relating to ventilation air duct installation.

I.D.: TRADP -1102 –TPX includes 2 relays:
1 Relay DPDT: Coil .02A, 120Vac. Pts 24Vac-5A
1 Relay SPDT: Coil.02A, 24Vac. Pts 120Vac-10A
1- Split Duplex Receptacle, LIVE/CONTROLLED
1- 24 hr. Interval Timer

- Adaptor line voltage leads are connected only to the live side of the receptacle.
- Line voltage leads shall be suitably cabled, fastened and enclosed in suitable raceways.
- Refer to local and applicable codes.
- Always conduct a thorough checkout after installation is complete.
- Affix appropriate labels and follow instructions and warnings on each label.

NOTE: THE FOLLOWING HOOK-UP PROCEDURES ARE SUGGESTIONS AND DO NOT LIMIT THE USES OF THIS ADAPTOR.

1. Turn thermostat to lowest setting.
2. Turn off electrical power to furnace.
3. Turn off 120Vac power leading to Adaptor.
4. Select suitable location for the Adaptor.
5. Select a suitable location for inlet **Damper** & connect to **Adaptor** terminals **3 & 1** for **Power Open** damper or **3 & 2** for **Power Close** type. Check capacity of 24VAC transformer.

Note: If inlet damper is also required to open during furnace firing:

Option #1 Use damper that is **Power Close with relay** and follow its instructions.

Option #2 If a Combustion Air Damper is included, use an inlet damper that is **Power Close (without a relay)** and connect to terminal 4 of the combustion Air Damper and terminal 2 of Adaptor.

6. Connect **Adaptor** terminal **5** to **Furnace R**, **Adaptor** terminal **3** to **Furnace C** (or ground) and **Adaptor** terminal **6 (Gf)** to **Furnace G**.
Note: For thermostats having a 'G' terminal, connect Thermostat 'G' to Adaptor Terminal 7 (Gt).

