Comfortline TAC Wall Panel Heating System - Specification.

This section relates to the supply and installation of **Comfortline TAC Wall Panel** Heating Systems

for heating in domestic, residential, education, community, commercial and industrial applications.

**1. DOCUMENTS.**

* 1. **Product and installation Compliance Documents.**

Compliance with the following documents is required during the installation, commissioning, and testing of installed Comfortline products:

 [NZBC G9](http://www.masterspec.co.nz/redirect.aspx?pl=251)/VM1 Electricity, 1.0 Electrical installations.

 AS/NZS 60335-2.30 Electrical safety

 Tenancy Services Healthy Homes Standard (where applicable).

### 1.2 **Manufacturers Documents.**

 Comfortline product information, installation instructions and warranty documents are supplied with all products.

 Additional copies of these instructions are available from:

 Web: [www.devi.co.nz](http://www.devi.co.nz)

 Email: Info@devi.co.nz

 Telephone: South Island 03 348 0070 or 0800 468 356

 North Island 09 415 7250 or 0800 927 635

**1.3 Warranty –** **Manufacturer.**

 The manufacturer’s warranty is:

 Comfortline TAC range of panel heaters 2 years.

 Warranties must be provided using the manufacturer/supplier standard forms as supplied. Warranties commence from the date of installation of the heater.

 Work undertaken by each subtrade shall be covered by their own warranty.

### **2.** **RELATED WORKS.**

 The contractor is to liaise with the builder to agree on position of heater and required in-wall timber support for the mounting of the heater (IAW dimensions shown of datasheet provided on **DEVI™** website.

 Electrical specification.

 Mechanical specification.

 Builder.

**3. CONDITIONS.**

All work and materials must comply with Comfortline installation instructions.

### 4. **QUALIFICATION.**

###  Fitting of the heater to be undertaken by a competent tradesperson.

###  Refer section 7.3 for livening.

## 5. COMFORTLINE™ PRODUCTS AND DESIGN INFORMATION.

5.1 Substitutions are not permitted to any Comfortline F117-TAC range of heater.

5.2 Comfortline F117-TAC wall panel heaters are front vented convection heaters and are European manufacturedtostringent quality procedures in ISO9000 registered facility.

5.3 TAC range of panel heaters are temperature regulated to +/-0.2 degrees about the temperature set point and include on, off, local setback and external setback pilot connection (where applicable).

5.4 **Heater Models.**

 F117-TAC 500 High temperature 500W panel, IP24 Ceiling or wall mounting.

 F117-TAC 750 High temperature 750W panel, IP24 Ceiling or wall mounting.

 F117-TAC 1000 High temperature 1000W panel, IP24 Ceiling or wall mounting.

 F117-TAC 1500 High temperature 1500W panel, IP24 Ceiling or wall mounting.

 F117-TAC 2000 High temperature 2000W panel, IP24 Ceiling or wall mounting.

 (Delete heater models that are not applicable then delete this line).

**6**. **EXECUTION.**

### 6.1 **Confirm Layout.**

 Before commencing work confirm the proposed location of heaters (and any external controls where applicable).

### 6.2 **Co-ordinate Services.**

 Co-ordinate and co-operate with other sub-trades to avoid any conflict with the installation of the system.

6.3 **Preliminary Work.**

 Prewire electrical cabling according to the heating design.

### 6.4 **Installation of Comfortline Panel Heaters.**

 Install the Comfortline TAC wall panel heaters in accordance with design and the supplied installation instructions.

### **7.** **TEST PROCEDURES AND COMMISSIONING.**

7.1 Refer AS/NZS3000 section 8 Verification.

7.2 Complete visual inspection and insulation resistance test prior to 7.2 before livening the circuit. The heater manual is to be given to whomever electrician is contracted.

7.3 Where a heater is to be by permanent connection, a registered electrician must complete the electrical connection and provide a Certificate of Compliance.

### **8.** **CONTROLS SETTINGS.**

 Leave heater set to minimum temperature and in off mode.

### **9.** **CLEANING.**

 Check site for safety and remove all surplus materials.