

**Important!**  
Disconnect power to the main board before making any changes to DIP switches/Jumpers, wiring the unit and/or connecting the wall panel.

**Pump Output – 230Vac, 1A**  
Will be active only when the Cool output is also active

**Device Instance Number ( DIN )**

F1,0	F2,0	F3,0	DIN
Unshort	Unshort	Unshort	EEPROM
Short	Unshort	Unshort	DIN=MAC+1200
Unshort	Short	Unshort	DIN=MAC+1000
Short	Short	Unshort	DIN=MAC+800
Unshort	Unshort	Short	DIN=MAC+600
Short	Unshort	Short	DIN=MAC+400
Unshort	Short	Short	DIN=MAC+200
Short	Short	Short	DIN=MAC

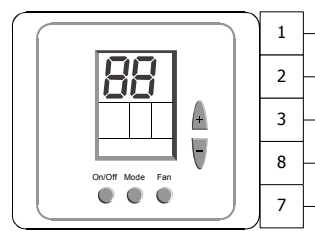
MAC Physical address of Device (DIPSWITCH)

Device Instance Number ( DIN )

F4 – Fault 1 input (N.C.)  
When open – all outputs OFF (no delay)

F5 – Short – Fan Only mode available (Selectable through thermostat)

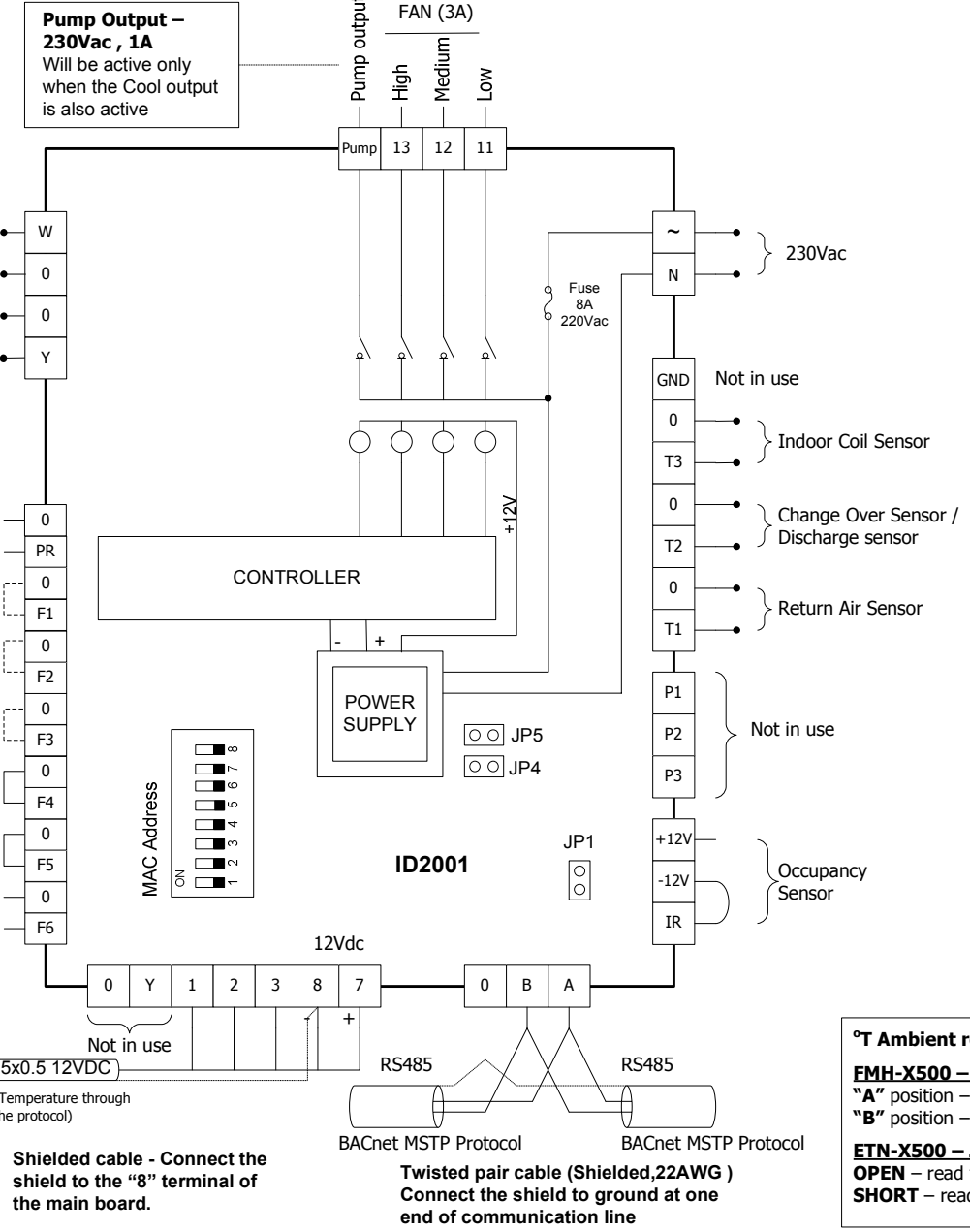
F5 – Open – Fan Only mode not available



Wall Panel (Option)  
ETN/X500 ; FMH/X500 ; IRP/X500

Shielded cable - Connect the shield to the "8" terminal of the main board.

Twisted pair cable (Shielded, 22AWG)  
Connect the shield to ground at one end of communication line



**JP1**  
End of Network jumper – Jumper Short (Resistance 120 Ω)

JP1 Open JP1 Short

**Change Over Sensor (T2) in 2-Pipe system:**

**With Change Over Sensor**  
T2 < 20°C → Cool  
T2 > 30°C → Heat  
20°C < T2 > 30°C = Fan Only

**Without Change Over Sensor**  
Manually select the mode using the wall panel or computer.

**Occupancy Sensor**

When the IR (N.C.) input is open for 10 minutes, all outputs turn Off.

Short the (-12V) and (IR) connectors, only when an occupancy sensor is not connected

**Indoor Coil Sensor (T3) Indoor Fan in heat mode**

**With Indoor Coil Sensor**  
T3 > 32°C → Fan ON  
T3 < 28°C → Fan OFF

**Without Indoor Coil Sensor**  
The Indoor Fan will operate when there is a demand for heating (with 30 seconds time delay)

**Jumpers – JP4 & JP5**

**JP4 – SHORT (4-Pipe System)**  
Auto change over active  
2 separate outputs for Cool and Heat  
T2 – for monitoring only

**JP4 – OPEN (2-Pipe System)**  
Auto change over not active  
1 output for Cool and Heat  
T2 – Logic selection

**JP5 - SHORT**  
In Cool mode – Auto Fan  
In Heat mode Always Auto Fan

**JP5 - OPEN**  
In Cool mode – Fan ON  
In Heat mode Always Auto Fan

**\*T Ambient reading from panel or from Main Board**

**FMH-X500 – JP2**  
"A" position – read temperature from main board.  
"B" position – read temperature from panel.

**ETN-X500 – JP2**  
**OPEN** – read temperature from main board.  
**SHORT** – read temperature from panel.

**meitav-tec**  
Tel: +972-3-9626462  
Fax: +972-3-9626620  
e-mail: support@meitavtec.com

Title: PS2500-P-3S-FC-SUPER  
Date: 04.02.08

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No.	Revision	Date

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