



SIDE DISCHARGE COOLING ONLY

Installing The Mitsair™ Inverter Air Conditioner

Models: M0BA30-11CFN1-MQ0W

MOBA30-17CFN1-MR0W

MOCA30-22CFN1-MR0W

Will work with most “A” coils. *some conditions apply*

1. Remove the metering device (piston, TX Valve) from coil before installation of the Mitsair™ Outdoor unit.
2. How to wire the interface? (see pages 2 & 3)
3. Return Air Thermistor must be installed in the return air, before any humidifier.
4. Both the suction and liquid lines must be separately insulated.
5. Heat pump must be able to freely discharge in front of the machines to prevent recirculation back to the inlet of the coil.

The installation and wiring must be in accordance with all Standards, Ordinances and Codes prevailing. Work must be acceptable to the local inspection authorities.

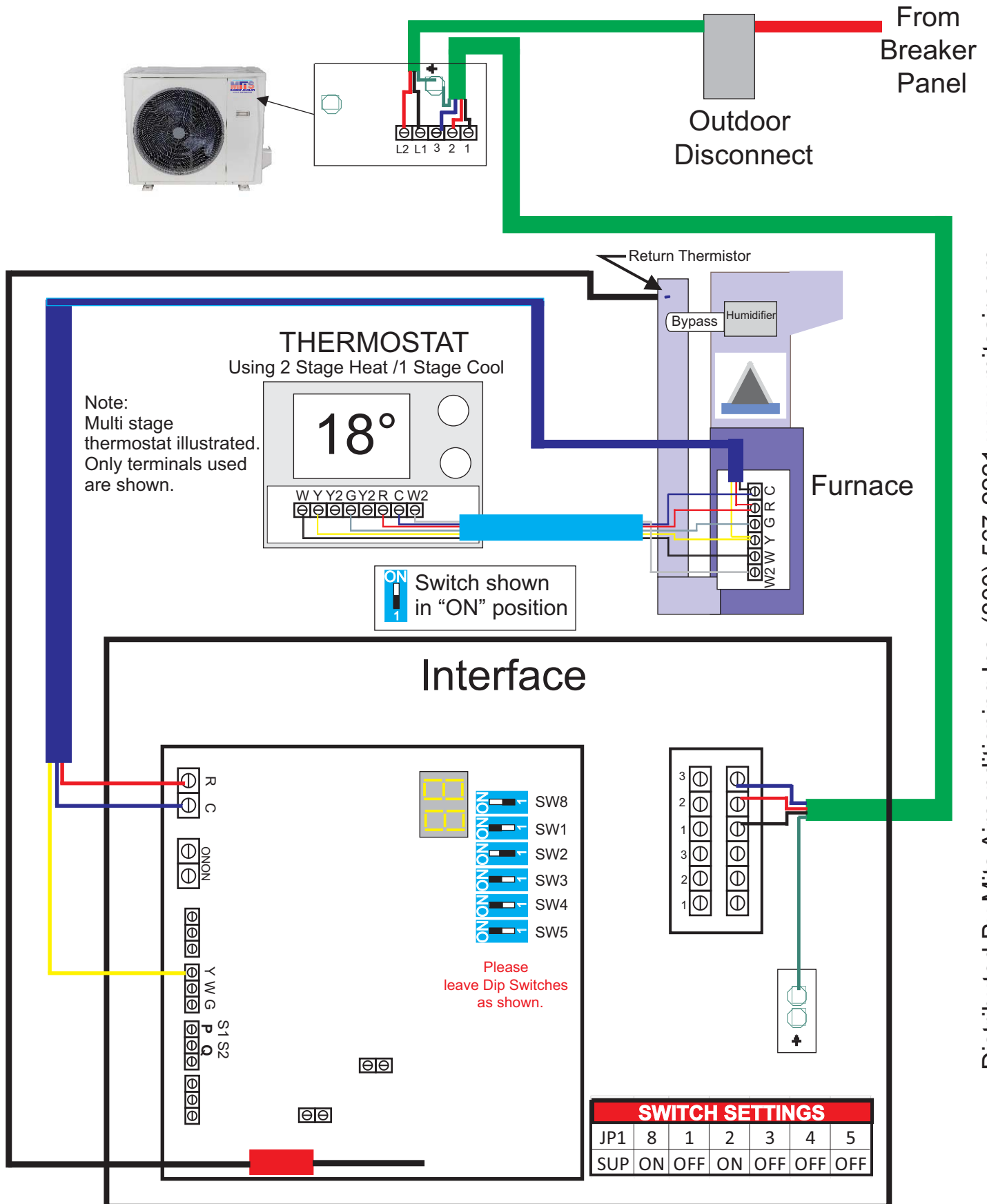
Installing the Interface:

- The interface must be installed within 10' of the furnace return.
- It cannot be installed outdoors.
- The return air sensor must be installed in the return air plenum upstream from any device that may cause a temperature difference such as a humidifier.
- The return air sensor must be connected to the extension wire with the ferrite core (doughnut). Failure to do so may adversely affect the operation of the system.
- Ensure the dip switches are configured as shown on the following pages. If switches are changed, you must cycle the power as the computer only reads the switches on “POWER UP”.
- When booted up, the display will show “00”. On cooling call, the display will go to “01”. On completion of the call the display will go to either “00” or “03” (stand-by). Other numbers indicated either an incorrectly set dip switch or an error.
- Be sure to re-install the cover plate when finished.

Mits Air Cooling Only Physical Wiring Diagram

For Multi-Stage Thermostats

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DIAGRAM SHOWS DEFAULT SETTINGS

Mits Air Cooling Only Physical Wiring Diagram

For Single Stage Thermostat

Models: M0BA30-11CFN1-MQ0W MOBA30-17CFN1-MR0W MOCA30-22CFN1-MR0W

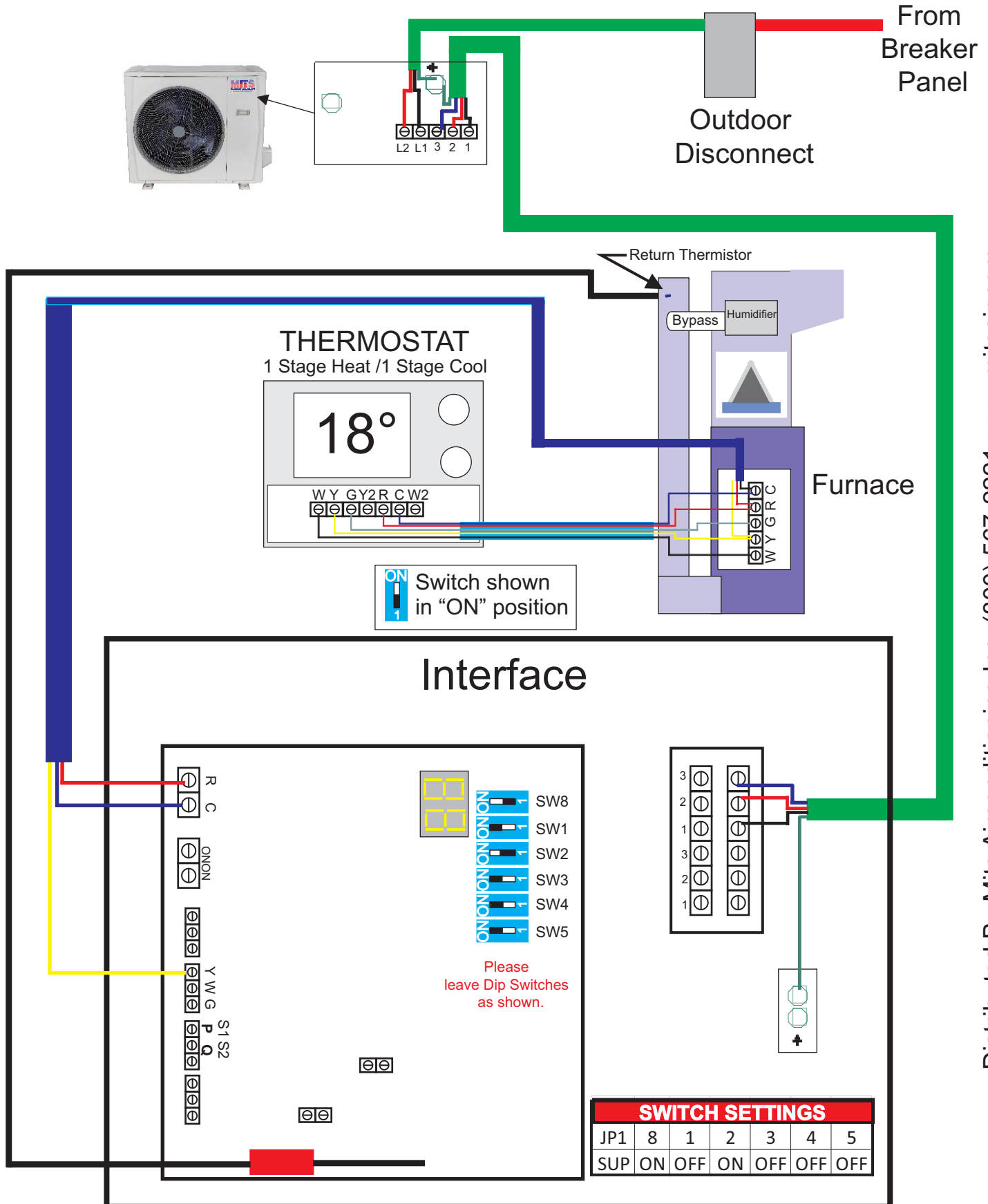


DIAGRAM SHOWS DEFAULT SETTINGS