

SAC2. Use start assist capacitor only on unit size 006-018. For residential units 015-018, SAC may need to be strapped to capacitor.

ECM BOARD DIP SWITCH SETTINGS												
SPD	SW1	SW2	SPD	SW3	SW4	SPD	SW5	SW6	ADJ	SPD	SW7	SW8
COOL	CM1	CM2	1	ON	ON	1	ON	ON	TEST	ON	ON	ON
2	ON	OFF	2	ON	OFF	2	ON	OFF	-	ON	OFF	ON
3	OFF	ON	3	OFF	ON	3	OFF	ON	+	OFF	ON	ON
4	OFF	OFF	4	OFF	OFF	4	OFF	OFF	NORM	OFF	OFF	OFF
DEHUM			UNUSED			UNUSED			UNUSED			
SW9	ON	NORM	SW10	ON	SW11	ON	SW12					
OFF	DH		OFF		OFF							

- NOTES:
- Compressor and Blower Motor thermally protected internally.
  - All wiring to the unit must comply with NEC and local codes.
  - Transformer is wired to 265 V (BRN) lead for 265/60/1 units, 230V (ORG) Lead for 220-240/50/1, or 208V (RED) lead for 208/60/1. For 230/60/1 switch RED & ORG leads at L1 and insulate RED lead.
  - FP1 provides low temperature protection for WATER. When using ANTL-FREEZE solutions, cut IW3 jumper.
  - Typical heat pump thermostat wiring shown. Refer to thermostat IOM for wiring to the unit. T-Stat wiring must be "Class I" and voltage rating equal to or greater than unit supply voltage.

- 24V Alarm signal shown. For Dry Alarm contact between AL1 & AL2, cut JW1 for CXM/DXM Gen2 or JW4 DXM.
- Transformer Secondary Ground via CXM/DXM board standoffs and screws to Control Box.
- EHI. Field install electric heat harness to P1 connector
- For auxiliary staging options, consult AG series electric heat I.O.M.
- EH2. Factory set Dipswitch to ERL.
- EH3. Second heat element and is applied when needed.
- HWG1. HWG and Heat Exchanger Pump only in models with Hot Water Generator option factory default temperature setting is 125° F, for 150° F setting Anti-Scald Valve must be used. See unit IOM for instructions.
- HWG3. AQUA STAT is supplied with unit and must be wired in series with the hot leg to the pump. Aqua stat is rated for voltage up to 277V.

LEGEND	
	Factory Low voltage Wiring
	Factory Line Voltage Wiring
	Field Low voltage Wiring
	Field Line voltage Wiring
	Printed Circuit Trace
	Optional Wiring
	Optional Block Capacitor
	Circuit Breaker
	Condensate Pan
	Ground
	High Pressure Switch
	LED
	Low Pressure Switch
	Mate-N-Lock
	Multi Splice Connector
	Optional
	OVERLOAD
	Relay contacts - N.C.
	Relay contacts - N.O.
	Relay / Contactor Coil
	Solenoid Coil
	Splice Cap
	Temperature Switch
	Thermistor
	Wire Nut

AL	Alarm Relay Contacts
BM	Blower Motor
BMC	Blower Motor Capacitor
BR	Blower Relay