

AL	Alarm Relay Contacts
BM	Blower Motor
BMC	Blower Motor Capacitor
BR	Blower Relay
CAP	Capacitor
CB	Circuit Breaker
CC	Compressor Contactor
CO	Condensate Overflow Sensor
CR	Compressor Relay
CTB	Common Terminal Block
CS	Current Sensor
DHW	Domestic Hot Water
DM	Damper Motor
DTS	Discharge Temperature Switch
ES	End Switch
EWT	Entering Water Temp Sensor
FSS	Fan Speed Switch
HP	High Pressure Switch
HPWS	High Pressure Water Switch
HR	Heating Relay
JW	Jumper Wire
LAT	Leaving Air Temperature
LOC	Loss of Charge Pressure Switch
LOR	Lock Out Relay
LT1	Sensor, low temp protection, water coil
LT2	Sensor, low temp protection, air coil
LWT	Leaving Water Temp Sensor
MOD	Modulating Water Valve
MS	Manual Starter
MSC	Multi Splice Connector
MWV	Motorized Water Valve
PB	Power Terminal Block
PDB	Power Distribution Block
POT	Potentiometer
P1	Field Wiring Terminal Block
PR	Pump Relay
RAS	Return Air Sensor
RVS	Reversing Valve Solenoid
SAS	Supply Air Sensor
SAC	Start Assist Capacitor
TB	Terminal Block
TRANS	Transformer
TS	Terminal Strip
UMT	Unit Mounted Thermostat

1. Compressor and Blower Motor thermally protected internally.
2. All wiring to the unit must comply with NEC and local codes
low voltage wiring shall be Class 2 or equivalent.
3. Transformer wiring is voltage sensitive. Use layout corresponding to the
unit voltage.
4. LT1 provides low temperature protection for WATER. When using ANTI-FREEZE
solutions, cut JW3 jumper.
5. Typical heat pump thermostat wiring shown. Refer to thermostat IOM for
wiring to the unit. T-Stat wiring must be "Class 1" and voltage rating equal to or
greater than unit supply voltage.
6. 24V Alarm signal shown. For Dry Alarm contact between AL1 & AL2, cut JW1
for CXM/DXM Gen2 or JW4 DXM.

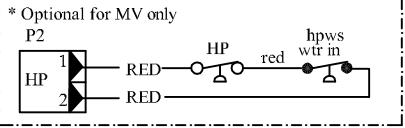
7. Transformer Secondary Ground via CXM/DXM board standoffs and screws to Control Box.

ECM1. For ECM Blower Motor air flow adjustment and diagnostic information refer to IOM.

MPC2. Refer to MPC Installation application, and Operation Manual For Control Wiring to the unit.

MPC3. ASW sensors are not required on Water-Water application. ASW06-ASW08 (Water-Air Only) move jumper to LSTAT, ASW09-ASW11 move jumper to Rnet.

MPC8. Factory cut JW1 jumper. Dry Contact will be available between AL1 and AL2



The diagram shows the internal layout of the Commodore 64. Key components labeled include:

- DISC**: Disk drive interface.
- CAP**: Capacitor.
- CC**: Clock control.
- L1**, **L2**: Logic chips.
- DXM2**: Dynamic memory chip.
- MPC**: Memory Protection Controller.
- GRND**: Ground connection.
- POWER**: Power input.
- RESET**: Reset button.
- TEST**: Test points.
- 1**, **2**: Test points.
- 3**, **4**: Test points.
- 5**, **6**: Test points.
- 7**, **8**: Test points.
- 9**, **10**: Test points.
- 11**, **12**: Test points.
- 13**, **14**: Test points.
- 15**, **16**: Test points.
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