



Exclusive dealer of



WM SERIES

Wall Mount / Air or Water Cooled
Single & Twin Evaporator Unit
with Digital Controller

SYSTEM INFORMATION

The Wall Mount (WM) Systems are designed to provide refrigerated air to medium-high temperature spaces. The WC mounts vertically between standard wall studs, making installation quick and easy. The slim and inconspicuous design projects only 1" into the room

WM evaporators are available in standard capacities from 1,800 to 4,600 BTU per hour and are used with R134a refrigerant.

FEATURES

- Insulated rust-proof aluminum housing
- Thermally protected permanently lubricated motor
- Automatic expansion valve (standard) ensures constant coil temperature to promote "Humidity Balance"
- Pump-down solenoid valve (standard) protects compressor in the event of leaks.
- Pre-installed valves eliminate additional wiring to thermostat
- Pressure tested by the manufacturer to ensure quality
- Factory wired for simple field installation
- ETL certified

AVAILABLE OPTIONS

- Twin evaporator systems for larger applications
- Eco-friendly water-cooled coils
- Stainless steel cabinets for high-corrosive environments

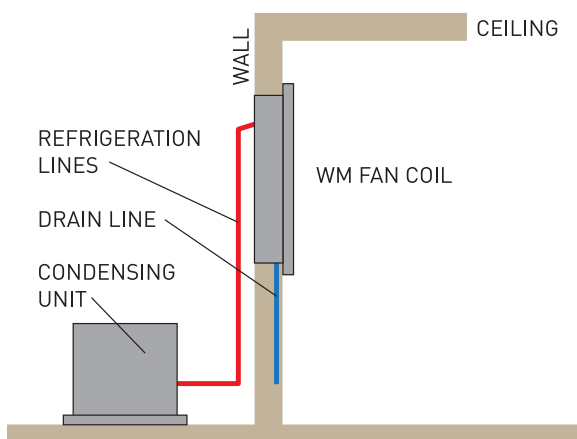
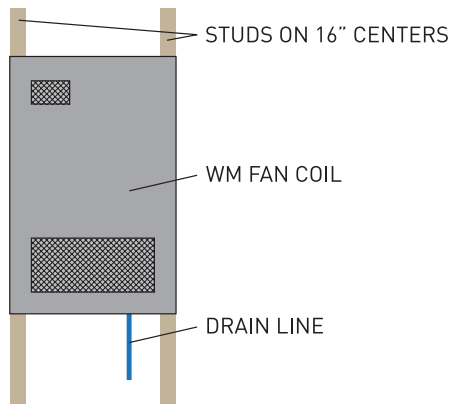
Our Application Engineers can help you design the system you need. Call us today, (562) 513-3017 and we'll help you get the right product for your project.



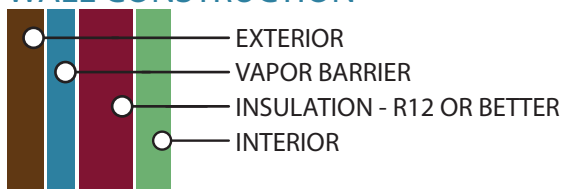
WM SERIES

WM COOLING SYSTEM TYPICAL INSTALLATION

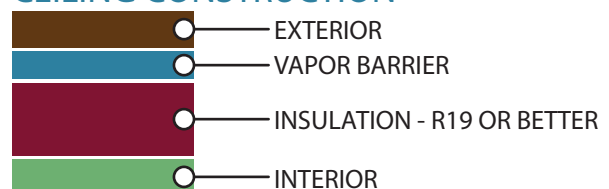
- WM fan coil is attached to studs on 16" centers. Bulk of fan coil is in the wall between the studs. Face of fan coil will extend out 1 5/8". It is recommended that the coil be mounted so that digital control is at eye level
- Keep line sets as short as possible
- Excessive number of turns will cause refrigerant flow problems. This could cause early compressor failure. Suction line accumulators are recommended. Required if working lower than the normal 55-65° operating range from wine cellar
- Drain line must always flow downhill to drain or pump
- The system is controlled by a pump down control system. There is no control wiring between thermostat and condensing unit
- The line connections at Fan Coil and Condensing Unit may not be the same as the required line sizes
- Standard line sets should be 50' or less. Extended runs may require larger line sizes and 3 oz. oil must be added for every 10' over 35'



WALL CONSTRUCTION



CEILING CONSTRUCTION



WIRING DIAGRAMS

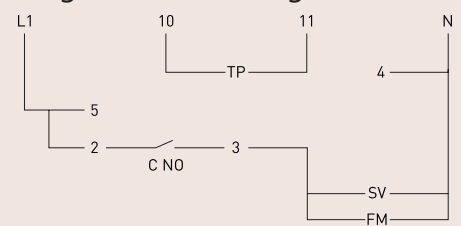
Field Wiring

L1	115 V Line Voltage
N	Neutral
SV	Solenoid Valve
FM	Fan Motor
TP	Temperature Probe

Back of Controller Connections

10	Temperature Probe
11	Temperature Probe
4	Neutral
5	115V Line Voltage
2	Jumper from 5
3	Switch Leg to Fan Coil
C NO	Internal normally open contact

Single Fan Coil Wiring



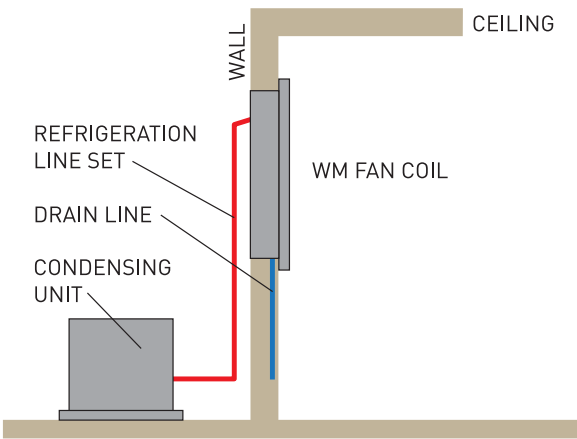
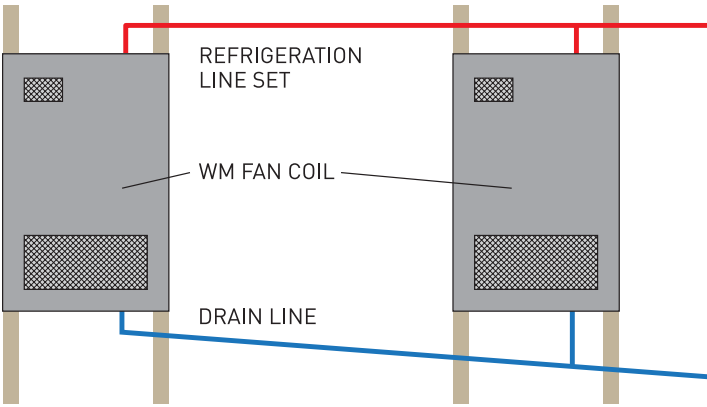
Condensing Unit Wiring



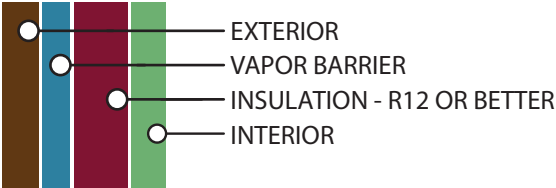
WM TE SERIES

WM TE COOLING SYSTEM TYPICAL INSTALLATION

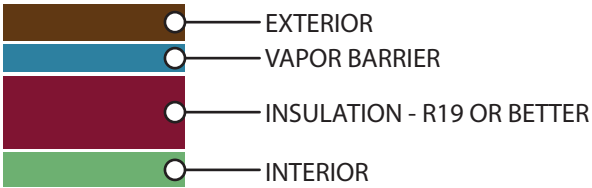
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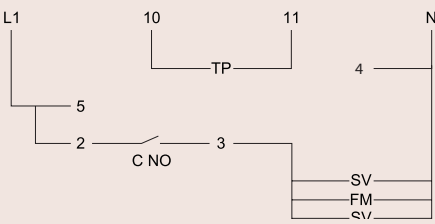
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- L1 115 V Line Voltage
- N Neutral
- SV Solenoid Valve
- FM Fan Motor
- TP Temperature Probe

Back of Controller Connections

- 10 Temperature Probe
- 11 Temperature Probe
- 4 Neutral
- 5 115V Line Voltage
- 2 Jumper from 5
- 3 Switch Leg to Fan Coil
- C NO Internal normally open contact

Twin Fan Coil Wiring



Condensing Unit Wiring

