

SERVICE AND APPLICATION NOTES

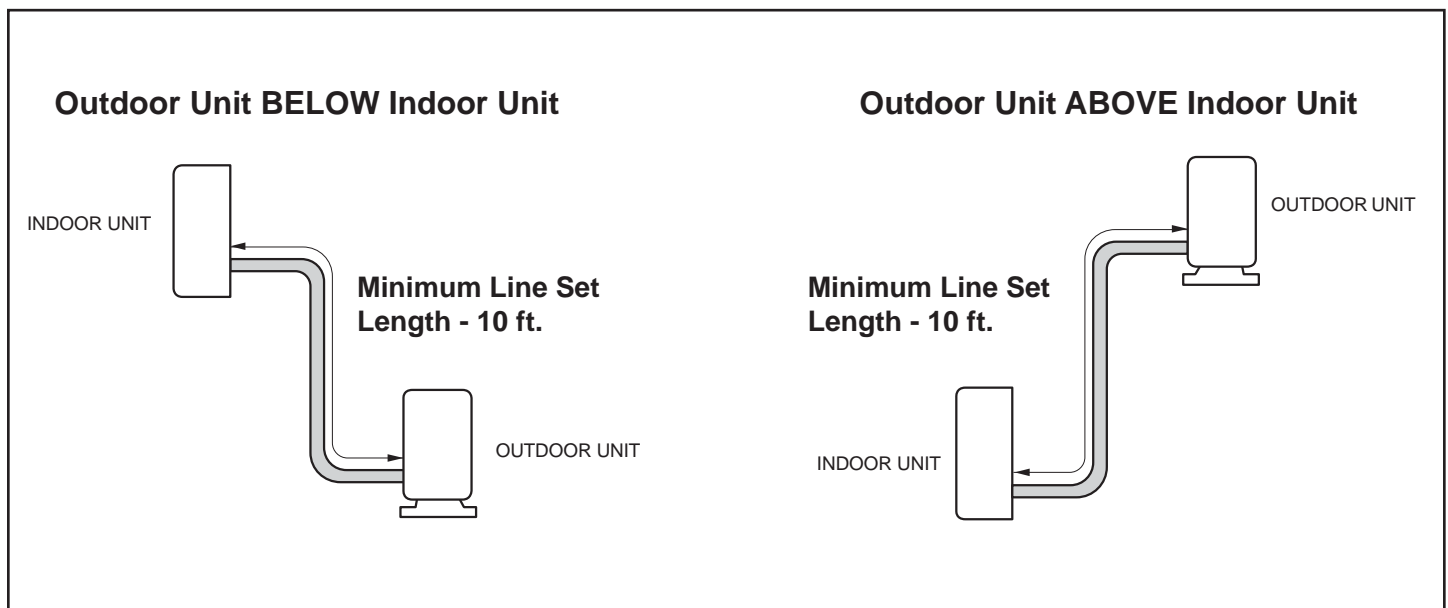
Minimum Line Set Length - MPA Single and Multi-Zone Systems

Issue: Inter-connecting pipework shorter than 10 ft. may lead to adverse performance due to an excess build of liquid refrigerant inside the condensing unit.

Solution: Interconnecting pipework between outdoor and indoor units must be 10 ft. or longer.

Single Zone Systems – The length of interconnecting pipework between the outdoor unit and indoor unit must not be shorter than 10 ft. It is important for this minimum length to be adhered to due to the quantity of refrigerant which is added to the condensing unit during the manufacturing process. A distance of inter-connecting pipework shorter than 10 ft. may lead to adverse performance due to an excess build of liquid refrigerant inside the condensing unit.

Note - Do not allow for excess length of line sets to be left rolled up as part of the required distance, or in general. This will also cause additional performance issues.



Multi-Zone System - The length of interconnecting pipework between the outdoor unit and each indoor unit must not be shorter than 10 ft. It is important for this minimum length to be adhered to due to the quantity of refrigerant which is added to the condensing unit during the manufacturing process. A distance of inter-connecting pipework shorter than 10 ft. may lead to adverse performance due to an excess build of liquid refrigerant inside the condensing unit.

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