

SERVICE AND APPLICATION NOTES

Mini-VRF Connection to Multiple V8AHUK01-2P AHU Control Kits

Application Guidelines

This service and application note contains updated application guidelines for Mini-VRF outdoor units and V8AHUK01-2P AHU Control Kits. The AHU Control Kit can be combined with other VRF indoor units on a single Mini-VRF system and multiple AHU Control Kits can be used on a single Mini-VRF system.

Table 1. Allowed Combinations

System Tonnage	Outdoor Unit Model	AHU Control Kit	Maximum Capacity Ratio	Indoor Units	
3-ton	VPA036H4M-2P	V8AHUK01-2P	100 %	Lennox VRF indoor units	Lennox Furnaces, Coils and AHUs
4-ton	VPA048H4M-2P				
5-ton	VPA060H4M-2P				

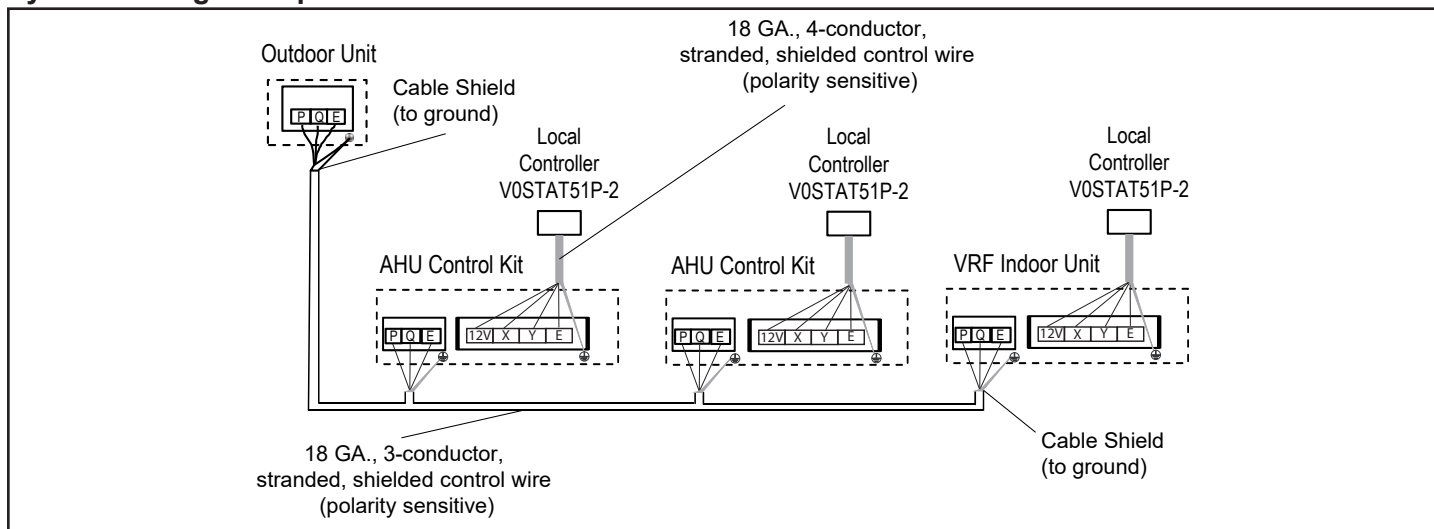
Furnace and Air Handler coils must meet the specifications listed in Table 2.

Table 2. Furnace/Air Handler Coil Specifications

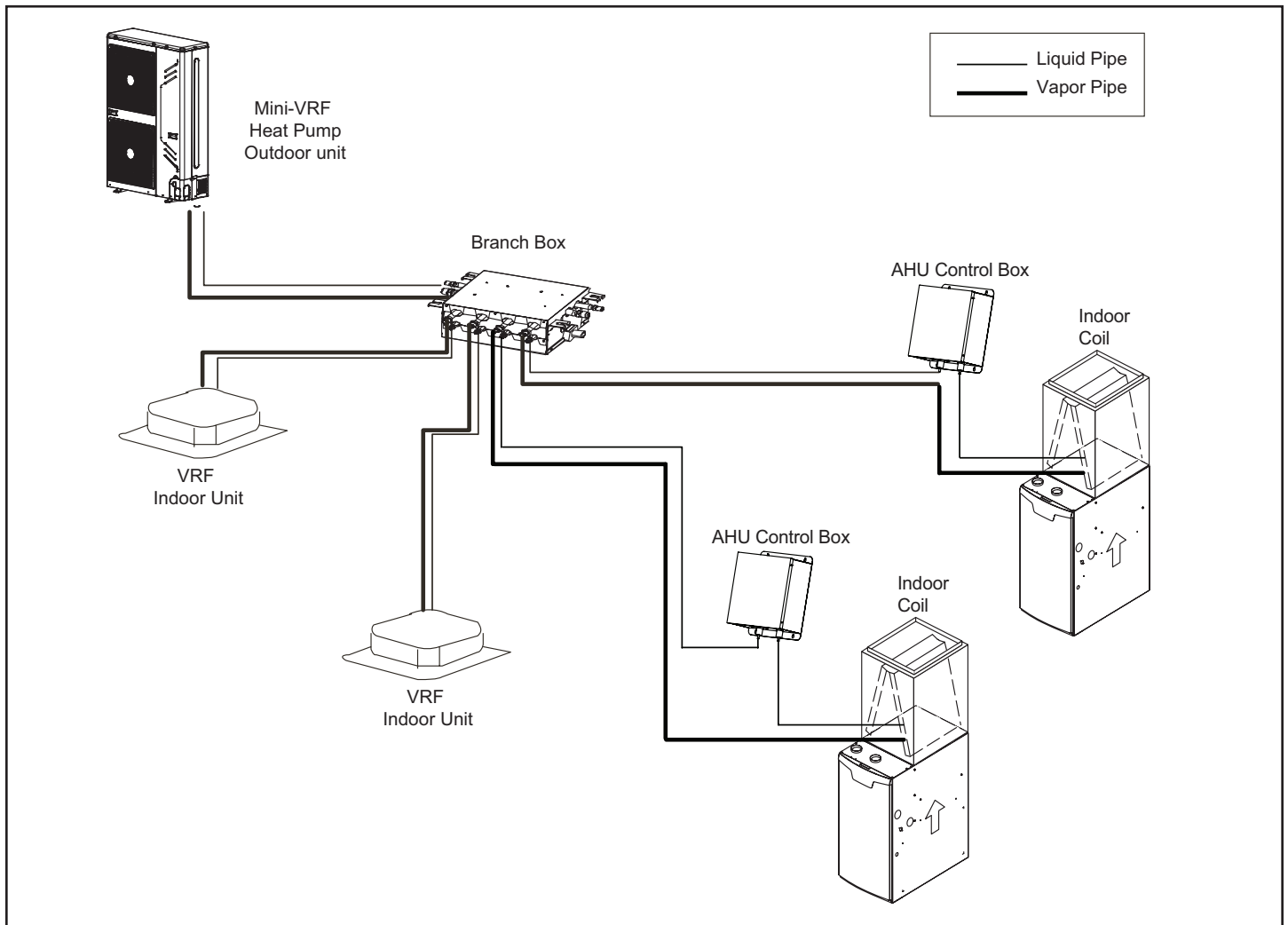
Capacity (Kbtu/Ton)	Min. (L)	Recommended (L)	Max. (L)	Liquid Pipe (in.)	Vapor Pipe (in.)	Airflow (Max.)
24/2	1.92	2.26	4.16	3/8	3/4	400 CFM/Ton
30/2.5	1.92	2.71	4.16			
36/3	1.92	3.62	4.16			
42/3.5	3.43	3.82	6.24			
48/4	3.43	4.03	6.24			
54/4.5	3.43	4.52	6.24			
60/5	3.43	5.43	6.24			

Ambient Temperature: 5°F (-15°C) ~ 131°F (55°C)

System Wiring Example



System Piping Example



Technical Support

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