

Indoor Units: 1 / 1 to 1  
 Capacity: 30 / 15 to 30 (100.0%)  
 \* Connectable capacity is not actual capacity.  
 Total Pipe Length: 43.9 / 245.0 feet

**Correction Factors**

Temperature: 1.12 0.90  
 Piping Length: 0.98 1.00  
 Defrosting: - 1.00  
 User Derate: 1.00 1.00

Total Derate: 1.09 0.90  
 Additional Refrigerant: 0.00 lb  
 Total Refrigerant Amount: 11.46 lb

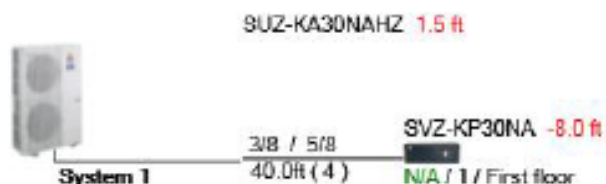
**Conditions (°F)**

**Cooling**

Indoor DB 80.0 Humidity 51.8% Indoor WB 67.0  
 Outdoor DB 82.0

**Heating**

Indoor DB 70.0  
 Outdoor DB -5.0 Humidity 100.0% Outdoor WB -4.0



Pipe Dia. Liquid / Gas	Model Number	Elevation	Clg Total (Sens.)
3/8 / 5/8	SVZ-KP30NA	-8.0 ft	N/A

29,380 BTU/h (25,139 BTU/h) Est. Cooling Discharge Air Temp: 52.9  
 26,998 BTU/h Est. Heating Discharge Air Temp: 98.6

Indoor Units: 1 / 1 to 1  
 Capacity: 18 / 9 to 18 (100.0%)  
 \* Connectable capacity is not actual capacity.  
 Total Pipe Length: 64.0 / 100.0 feet

**Correction Factors**

Temperature: 1.12 0.71  
 Piping Length: 0.95 0.93  
 Defrosting: - 1.00  
 User Derate: 1.00 1.00

Total Derate: 1.05 0.66  
 Additional Refrigerant: 0.00 lb  
 Total Refrigerant Amount: 3.75 lb

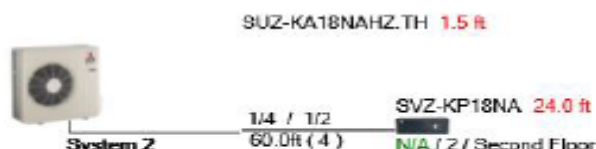
**Conditions (°F)**

**Cooling**

Indoor DB 80.0 Humidity 51.8% Indoor WB 67.0  
 Outdoor DB 82.0

**Heating**

Indoor DB 70.0  
 Outdoor DB -5.0 Humidity 100.0% Outdoor WB -4.0



Pipe Dia. Liquid / Gas	Model Number	Elevation	Clg Total (Sens.)
1/4 / 1/2	SVZ-KP18NA	24.0 ft	N/A

17,715 BTU/h (15,181 BTU/h) Est. Cooling Discharge Air Temp: 58.8  
 14,279 BTU/h Est. Heating Discharge Air Temp: 89.6