

|               |  |               |  |
|---------------|--|---------------|--|
| Job Name:     |  | Location:     |  |
| Purchaser:    |  | Submitted By: |  |
| Submitted To: |  | Engineer:     |  |
| Date:         |  | Application:  |  |

☐ Reference
 ☐ Approval
 ☐ Construction



Basic product info.

|                  |             |  |
|------------------|-------------|--|
| IDU Model Number | SVZ-AP60NL  |  |
| ODU Model Number | SUZ-CK60NLH |  |
| AHRI Certificate | 217166238   |  |

Performance: Cooling at 95F (35C)

|                                                        |       |  |
|--------------------------------------------------------|-------|--|
| Cooling Minimum Power Input                            | 1160  |  |
| Cooling 95F Maximum Capacity                           | 60000 |  |
| Cooling 95F Rated Capacity                             | 60000 |  |
| Cooling 95F Minimum Capacity                           | 18500 |  |
| Sensible Heat Factor at AHRI Cooling Rating Conditions | 0.74  |  |
| Cooling Maximum Power Input                            | 6070  |  |
| Cooling Rated Power Input                              | 5490  |  |
| Moisture removal at AHRI Cooling Rating Conditions     | 14.3  |  |

Performance: Heating at 47F (8.3C)

|                                 |       |  |
|---------------------------------|-------|--|
| Heating 47F Minimum Power Input | 1020  |  |
| Heating 47F Maximum Capacity    | 67000 |  |
| Heating 47F Rated Capacity      | 66500 |  |
| Heating 47F Minimum Capacity    | 14600 |  |
| Heating 47F Maximum Power Input | 6740  |  |
| Heating 47F Rated Power Input   | 6720  |  |
| COP 47F at Maximum Capacity     | 2.9   |  |
| COP 47F at Rated Condition      | 2.94  |  |

Performance: Heating at 17F (-8.3C)

|                                 |       |  |
|---------------------------------|-------|--|
| Heating 17F Minimum Capacity    | 10100 |  |
| Heating 17F Minimum Power Input | 2030  |  |
| Heating 17F Maximum Capacity    | 42500 |  |
| Heating 17F Rated Capacity      | 42500 |  |
| Heating 17F Maximum Power Input | 5480  |  |
| Heating 17F Rated Power Input   | 5350  |  |
| COP 17F at Maximum capacity     | 2.26  |  |
| COP 17F at Rated Condition      | 2.32  |  |

Performance: Heating at 5F (-15C)

|                                         |       |  |
|-----------------------------------------|-------|--|
| Heating 5F Minimum Capacity (H4Full)    | 7900  |  |
| Heating 5F Minimum Power Input (H4Full) | 2000  |  |
| Heating 5F Maximum Capacity (H4Full)    | 34600 |  |
| Heating 5F Rated Capacity (H4Full)      | 34600 |  |
| Heating 5F Maximum Power Input (H4Full) | 34600 |  |
| Heating 5F Rated Power Input (H4Full)   | 34200 |  |
| COP 5F at Maximum capacity (H4Full)     | 0.28  |  |
| COP 5F at Rated capacity (H4Full)       | 2.8   |  |

ODU Operating Temp. Range

|                                   |       |  |
|-----------------------------------|-------|--|
| Heating Thermal Re-start Temp (C) | -20   |  |
| Cooling Thermal Re-start Temp (C) | -16   |  |
| Cooling Thermal Lock-out Temp (C) | -18.5 |  |
| Heating Thermal Lock-out Temp (C) | -25   |  |
| Cooling Thermal Re-start Temp (F) | 3     |  |
| Cooling Thermal Lock-out Temp (F) | -1    |  |
| Heating Thermal Re-start Temp (F) | -4    |  |
| Heating Thermal Lock-out Temp (F) | -14   |  |

## Rebates

|                                        |     |  |
|----------------------------------------|-----|--|
| Energy Star 6.1 Certified              | NO  |  |
| Energy Star 6.1 Cold Climate Certified | NO  |  |
| NEEP Certification                     | YES |  |

## Efficiency

|            |     |  |
|------------|-----|--|
| SEER2      | 17  |  |
| EER2       | 9   |  |
| HSPF2(V)   | 7.1 |  |
| HSPF2 (IV) | 8   |  |

## Electrical

|                                                                 |     |  |
|-----------------------------------------------------------------|-----|--|
| Rated Voltage (Min)                                             | 208 |  |
| Rated Voltage (Max)                                             | 230 |  |
| Recommended Fuse/Breaker Size                                   | 40  |  |
| ODU Maximum Over Current Protection (MOCP) = MOP = Maximum Fuse | 67  |  |
| Recommended Fuse/Breaker Size of System (ODU)                   | 40  |  |
| ODU Minimum Circuit Ampacity (MCA)                              | 38  |  |
| IDU Minimum Circuit Ampacity (MCA) if Powered Separate          | 9.3 |  |

## Indoor Unit

|                                                |                     |  |
|------------------------------------------------|---------------------|--|
| External Finish (Munsell No. in case painting) | 6.2PB 9/0.9         |  |
| IDU Airflow Rate, Cooling (Dry) CFM            | 1,155, 1,400, 1,650 |  |
| IDU Airflow Rate, Heating CFM                  | 1,155, 1,400, 1,650 |  |
| IDU Airflow Rate at Cooling, Dry 1             | 1155                |  |
| IDU Airflow Rate at Cooling, Dry 2             | 1400                |  |
| IDU Airflow Rate at Cooling, Dry 3             | 1650                |  |
| IDU Airflow Rate at Cooling, Wet 1             | 1155                |  |
| IDU Airflow Rate at Cooling, Wet 2             | 1400                |  |
| IDU Airflow Rate at Cooling, Wet 3             | 1650                |  |
| IDU Airflow Rate at Heating 1                  | 1155                |  |
| IDU Airflow Rate at Heating 2                  | 1400                |  |
| IDU Airflow Rate at Heating 3                  | 1650                |  |
| Drain Pipe Size (Outer size)                   | 3/4                 |  |

## Outdoor Unit

|                                                  |          |  |
|--------------------------------------------------|----------|--|
| Base Pan Heater installed (Built-in or Optional) | Built-in |  |
| ODU Fan Motor Output                             | 0.2682   |  |
| ODU Unit Weight                                  | 264.6    |  |

## Piping

|                                    |     |  |
|------------------------------------|-----|--|
| Liquid Pipe Size O.D. [Flared]     | 3/8 |  |
| Gas Pipe Size O.D. [Flared]        | 3/4 |  |
| Maximum Piping Length (m)          | 75  |  |
| Maximum Piping Length (ft)         | 245 |  |
| ODU Liquid Pipe Size O.D. [Flared] | 1/4 |  |
| ODU Gas Pipe Size O.D. [Flared]    | 5/8 |  |

## Refrigerant

|                                        |             |  |
|----------------------------------------|-------------|--|
| Refrigerant Type                       | R454B       |  |
| Pre-charged Refrigerant Amount (ODU)   | 11 lbs 7 oz |  |
| Maximum Pre-charged Piping Length (ft) | 12          |  |

## Accessories

|                                        |                 |  |
|----------------------------------------|-----------------|--|
| Wall Mount controller                  | PAR-42MAACAB    |  |
| NA T-STAT Interface                    | RMF-CA102       |  |
| Wi-Fi Adapter                          | Built-in        |  |
| Handheld Remote Controller English (1) | -13             |  |
| Simple CN105 Controller                | PAC-SDW01RC-CA1 |  |
| Remote Controller English              | PAR-FA32MA-W    |  |
| Remote Controller French               | PAR-FL32MA-E    |  |
| Simple Wall MA Controller              | PAC-YT53CRAU-J  |  |
| NA T-STAT interface                    | RMF-CA100       |  |

AHRI Rated Conditions (Rated data is determined at a fixed compressor speed) (\* Windscreens required for cooling operations below 23°F (-5°C))

<sup>1</sup> Cooling (Indoor // Outdoor) 80°F (26.6°C) DB, 67°F (19.4°C) WB // 95°F (35°C) DB, 75°F (23.9°C) WB

<sup>2</sup> Heating at 47°F (8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 47°F (8.3°C) DB, 43°F (6.1°C) WB

<sup>3</sup> Heating at 17°F (-8.3°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 17°F (-8.3°C) DB, 15°F (-9.4°C) WB

tHeating at 5°F (-15°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // 5°F (-15°C) DB, 4°F (-15.6°C) WB

uHeating at -4°F (-20°C) (Indoor // Outdoor) 70°F (21.1°C) DB, 60°F (15.6°C) WB // -4°F (-20°C) DB, -15°F (-26.1°C) WB



| Model      | A        | B              | C              | D              | E             | F               | G             | H              | J             | Gas Pipe | Liquid Pipe |
|------------|----------|----------------|----------------|----------------|---------------|-----------------|---------------|----------------|---------------|----------|-------------|
| S17-AP4SNL | 635 (25) | 579 (22-13/16) | 484.6 (19-1/8) | 317.5 (12-1/2) | 1311 (59-1/2) | 798.5 (31-7/16) | 1053 (41-1/2) | 853.5 (33-5/8) | 563 (22-3/16) | 20 (3/8) | 20 (3/8)    |
| S17-AP4SNL |          |                |                |                |               |                 |               |                |               | 20 (3/8) | 20 (3/8)    |
| S17-AP4SNL |          |                |                |                |               |                 |               |                |               | 20 (3/8) | 20 (3/8)    |

SUZ-CK60NLH-U1

