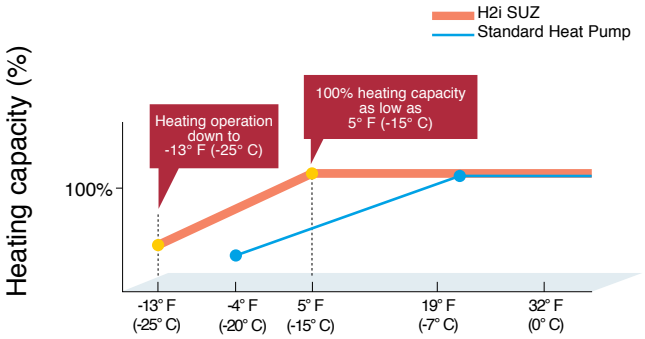
Hyper-Heating Inverter

The H2i® models provide heating even when it's -13° F (-25° C) outdoor ambient, producing up to 100% heating capacity at 5° F (-15° C). These units offer year-round comfort even in extreme climates.

Operation guaranteed at –13° F,
100% heating capacity at 5° F



Heating Performance at Low Temperatures

SUZ-KA09NAHZ

COP at	SLZ	SEZ	PEAD	MLZ
47° F	3.90	2.80	3.80	4.10
17° F	2.56	2.20	2.56	2.76
5° F	1.34	1.59	1.67	1.67

SUZ-KA12NAHZ

COP at	SLZ	SEZ	PEAD	SVZ	MLZ
47° F	3.40	3.90	3.90	3.80	3.80
17° F	2.38	2.56	2.72	2.61	2.54
5° F	1.83	2.19	2.09	1.69	1.57

SUZ-KA15NAHZ

COP at	SLZ	SEZ	PEAD
47° F	2.60	2.70	3.00
17° F	1.91	2.15	2.29
5° F	1.84	1.88	1.81

SUZ-KA18NAHZ

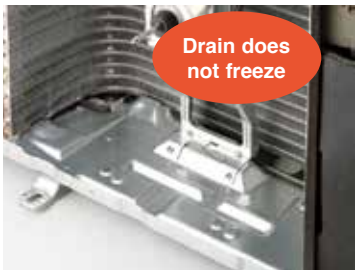
COP at	SLZ	SEZ	PEAD	SVZ	MLZ
47° F	2.70	3.40	3.30	3.30	3.00
17° F	2.20	2.52	2.49	2.32	2.42
5° F	1.44	1.75	1.66	1.75	1.39

Built-in Base Heater

The base heater restricts lowered capacity and operation shutdowns caused by the drain water freezing. This supports stable operation in low-temperature environments.

Operation Guaranteed at
Outside Temperature of –13° F (–25° C)

Without base heater

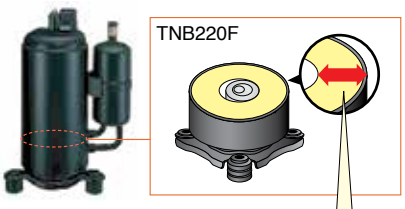


With base heater

Compact and Powerful Compressor

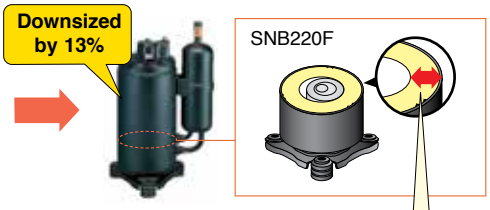
A special manufacturing technology, Heat Caulking Fixing Method, has been introduced to reduce compressor size while maintaining a high compressor output. This technology enables the installation of a powerful compressor in compact outdoor units. As a result, excellent heating performance is achieved when operating in cold outdoor environments.

Compressor using
conventional method
(Arc spot-welded method)



Outer layer must be thick enough to hold the cylinder.

Compressor using
Heat Caulking
Fixing Method



Compressor size reduced while maintaining same cylinder inner diameter.