



DAIKIN
Singlezone Ducted, "Compact Ducted"
AHRI Cert #: **201851573**
Outdoor Unit #: **RX18RMVJU**
Indoor Unit #: **FDMQ18RVJU**

[Advanced Data - Sizing for Heating](#)

- 🔥 Maximum Heating Capacity (Btu/hr) @5°F: **12,470**
- 🔥 Rated Heating Capacity (Btu/hr) @47°F: **21,600**
- ❄️ Rated Cooling Capacity (Btu/hr) @95°F: **17,600**

This tool is for preliminary product selection planning only. It is necessary to conduct full engineering capacity assessments that take line-length, multi-head impacts, and other factors into consideration. Use manufacturer's data and tools to finalize product sizing and selection determinations

State

Weather Station ⓘ

Heating Design Temp. (°F) ⓘ

Heating Design Load (Btu/hr) ⓘ

UT ▼

Salt Lake City Intl ▼

14

13189

☐ Optional: Apply Lock-Out Temperature

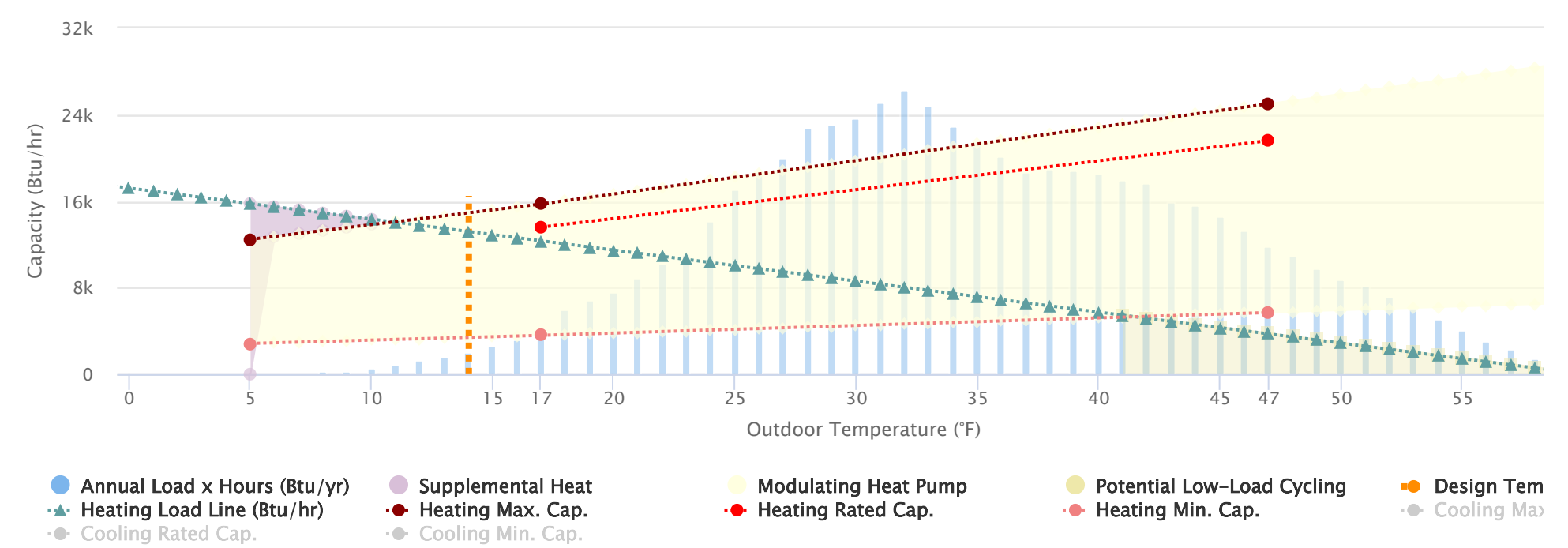
☐ Optional: Manually Set Low Temperature Capacity Rating

Advanced Search - Sizing for Heating [User Guide](#) ⓘ

[Run Sizing for Heating Data](#)

Graph Information ⓘ

System Capacity, Heating Load, and Weather Data Graph



Product Sizing For Heating

Field Information ⓘ	
Capacity Balance Point (°F)	11
Minimum Capacity Threshold (°F)	41
Maximum Capacity at Design Temp (Btu/hr)	14,923
Percent Design Load Served	113.1%
Annual Heating Load (MMBtu)	29.9
Percent Annual Heating Load Served	99.8%

Field Information ⓘ	
Annual Btu's Covered by Supplemental Heat (MMBtu)	0.1
Hours Requiring Supplemental Heat	4
Percent Hours Requiring Supplemental Heat	0.1%
Percent Annual Load Modulating	70.6%
Percent Annual Load with Low-Load Cycling	26.2%

Information Tables

Brand	DAIKIN
Series	
Ducting Configuration	Singlezone Ducted, "Compact Ducted"
AHRI Certificate No.	201851573
Outdoor Unit #	RX18RMVJU
EER	12.5
EER 2	
Variable Capacity	✔
Indoor Unit Type	Mini-Splits
Indoor Unit #	FDMQ18RVJU
Furnace Unit #	
SEER	18.5
SEER 2	
HSPF (Region IV)	10.3
HSPF 2 (Region IV)	
Energy Star	✔
Energy Star Cold Climate	
Turndown Ratio (Max 5°F/Min 47°F)	2.19
Capacity Maintenance (Max 5°F/Max 47°F)	49%
Capacity Maintenance (Rated 17°F/Rated 47°F)	62%
Capacity Maintenance (Max 5°F/Rated 47°F)	57%
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	
Sold In	USA, Canada

Pan Heater

Type	KEH063A4E
Input Power	
Model #	
Operation	Temp. below 23 degrees

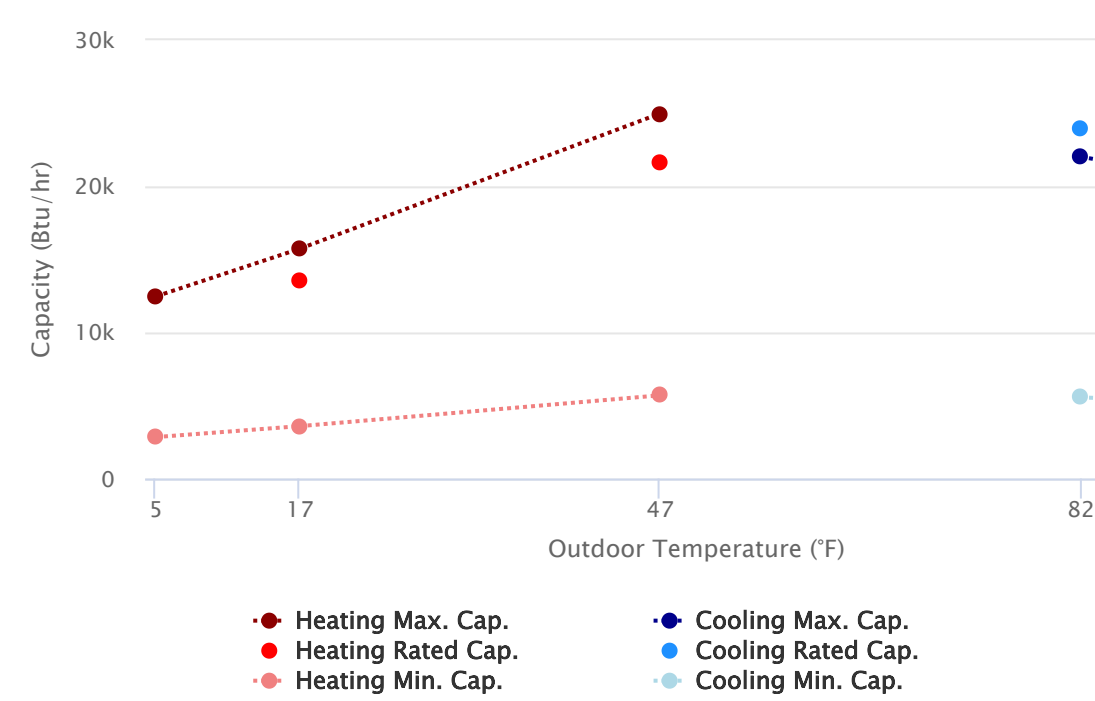
Additional Heat Pump Images



Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Cooling	95°F	80°F	Btu/h	5,100	17,600	20,200
			kW	0.36	1.41	1.76
			COP	4.15	3.66	3.36
Cooling	82°F	80°F	Btu/h	5,560	24,000	22,020
			kW	0.34	1.6	1.62
			COP	4.79	4.4	3.98
Heating	47°F	70°F	Btu/h	5,700	21,600	25,000
			kW	0.33	1.67	2.02
			COP	5.06	3.79	3.63
Heating	17°F	70°F	Btu/h	3,590	13,600	15,740
			kW	0.29	1.48	1.79
			COP	3.63	2.69	2.58
Heating	5°F	70°F	Btu/h	2,840	-	12,470
			kW	0.27	-	1.65
			COP	3.08	-	2.21

Heating/Cooling Capacity Graph



Related Products
