



FUJITSU

Central Air Conditioning Heat Pump (HP)
 Singlezone Ducted, Centrally Ducted
 AHRI Cert #: **207657377**
 Outdoor Unit Model #: **AOUH36LMAH1**
 Indoor Model #: **AMUG36LMAS**

[Advanced Data - Sizing for Heating](#)

- Maximum Heating Capacity (Btu/h) @5°F: **42,000**
- Rated Heating Capacity (Btu/h) @47°F: **38,000**
- Rated Cooling Capacity (Btu/h) @95°F: **33,000**

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

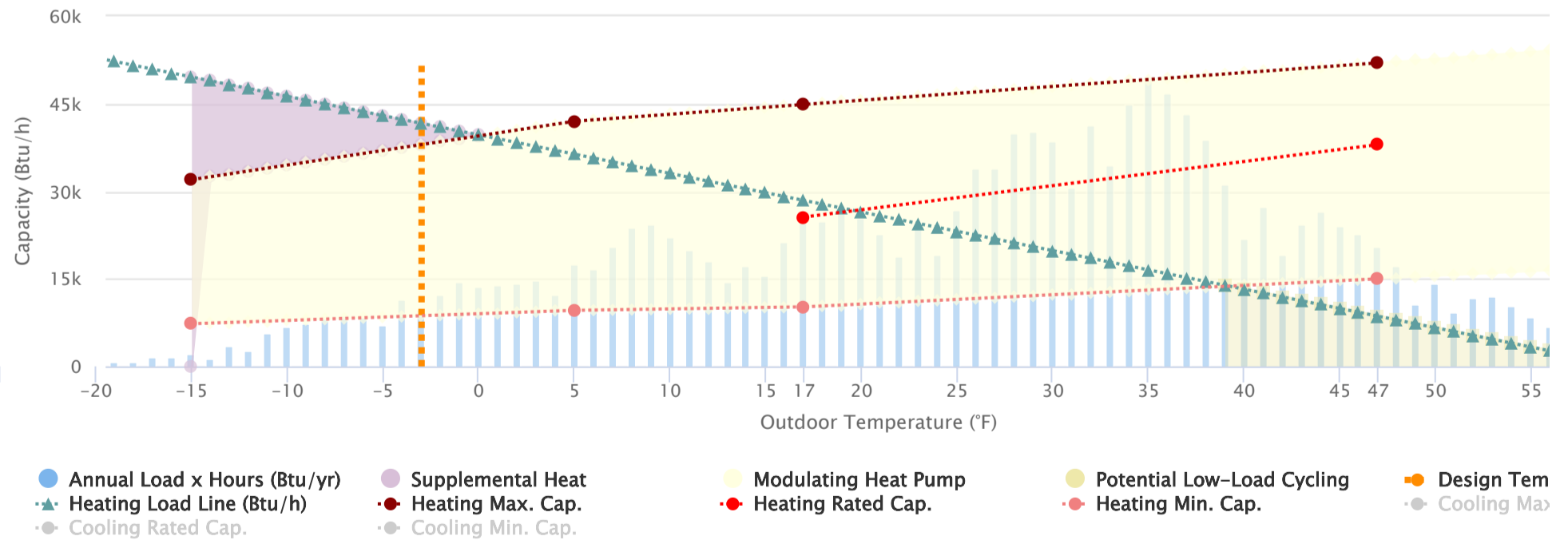
State	Weather Station ⓘ	Heating Design Temp. (°F) ⓘ	Heating Design Load (Btu/h) ⓘ
<input type="text" value="NH"/>	<input type="text" value="Lebanon Municipal"/>	<input type="text" value="-3"/>	<input type="text" value="41640"/>
<input type="checkbox"/> Optional: Apply Lock-Out Temperature			
<input checked="" type="checkbox"/> Optional: Manually Set Low Temperature Capacity Rating	<input type="text" value="-15"/>	<input type="text" value="32000"/>	

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)	0
Minimum Capacity Threshold (°F)	39
Maximum Capacity at Design Temp (Btu/h)	38,000
Percent Design Load Served	91.3%
Annual Heating Load (MMBtu)	98.3

Field Information ⓘ

Annual Btu's Covered by Supplemental Heat (MMBtu)	6.5
Hours Requiring Supplemental Heat	176
Percent Hours Requiring Supplemental Heat	2.8%
Percent Annual Load Modulating	71.2%
Percent Annual Load with Low-Load Cycling	20.1%

Percent Annual Heating Load Served

93.4%

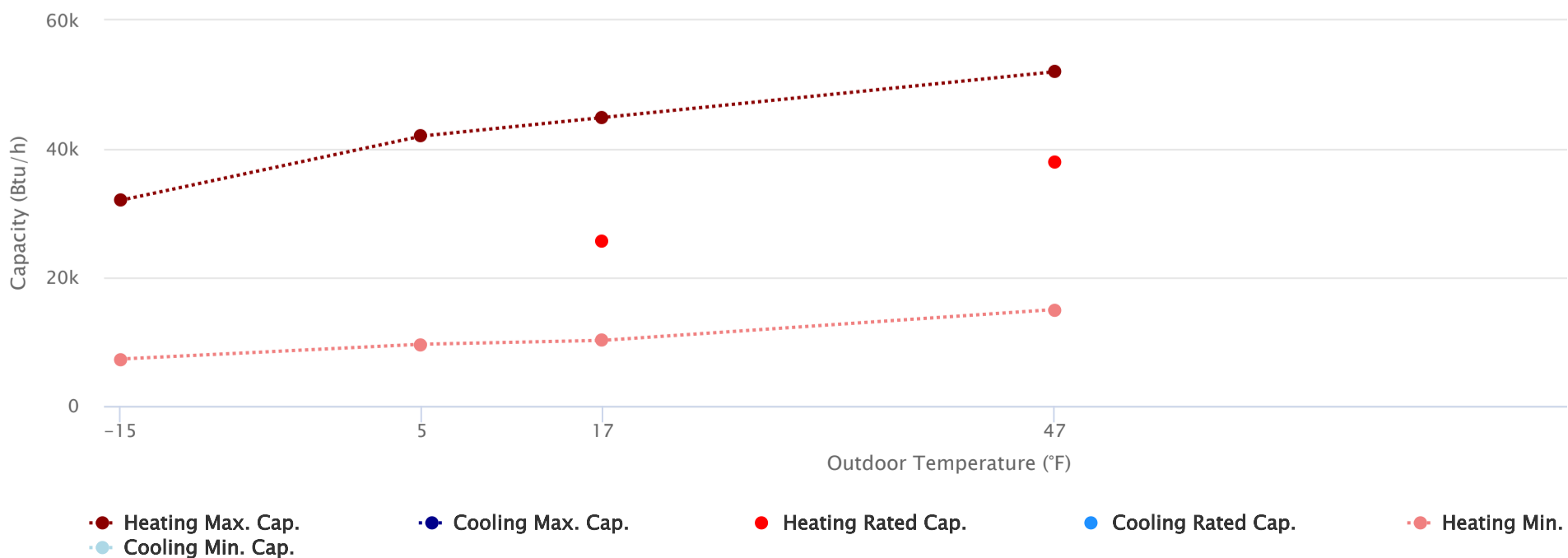
Information Tables

Brand	FUJITSU
Series	
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate #	207657377
Outdoor Unit Model #	AOUH36LMAH1
Indoor Model #	AMUG36LMAS
Indoor Unit Type	Mini-Splits
Furnace Model #	
EER	11.5
SEER	17.3
HSPF (Region IV)	11
EER2	
SEER2	
HSPF2 (Region IV)	
HSPF2 (Region V)	
ENERGY STAR	
ENERGY STAR Cold Climate	
Capacity Maintenance (Rated 17°F/Rated 47°F)	67%
Capacity Maintenance (Rated 5°F/Rated 47°F)	%
Capacity Maintenance (Max 5°F/Rated 47°F)	110%
Variable Capacity	✓
Integration	
Connectivity	
Operational Diagnostics	
Refrigerant	R410A
Sold In	USA, Canada

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated	Max
Cooling	95°F	80°F	Btu/h	13,000	33,000	39,000
			kW	0.85	2.87	3.66
			COP	4.48	3.37	3.12
Cooling	82°F	80°F	Btu/h	13,700	-	43,800
			kW	0.66	-	3.12
			COP	6.08	-	4.11
Heating	47°F	70°F	Btu/h	15,000	38,000	52,000
			kW	0.9	2.85	4.96
			COP	4.88	3.91	3.07
Heating	17°F	70°F	Btu/h	10,200	25,600	44,880
			kW	0.78	2.45	5.89
			COP	3.83	3.06	2.23
Heating	5°F	70°F	Btu/h	9,600	-	42,000
			kW	0.78	-	5.85
			COP	3.61	-	2.1
Heating	-15°F	70°F	Btu/h	7,300	-	32,000
			kW	0.77	-	5.75
			COP	2.78	-	1.63


Heating/Cooling Capacity Graph



Pan Heater

Type	Integrated
Input Power (W)	150.0
Operation	Operation depends on outdoor temperature

Additional Heat Pump Images



Related Products

