



FUJITSU

Central Air Conditioning Heat Pump (HP)
 Singlezone Ducted, Centrally Ducted
 AHRI Cert #: **207657378**
 Outdoor Unit Model #: **AOUH48LMAH1**
 Indoor Model #: **AMUG48LMAS**

[Advanced Data - Sizing for Heating](#)

- Maximum Heating Capacity (Btu/h) @5°F: **51,000**
- Rated Heating Capacity (Btu/h) @47°F: **51,000**
- Rated Cooling Capacity (Btu/h) @95°F: **45,500**

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

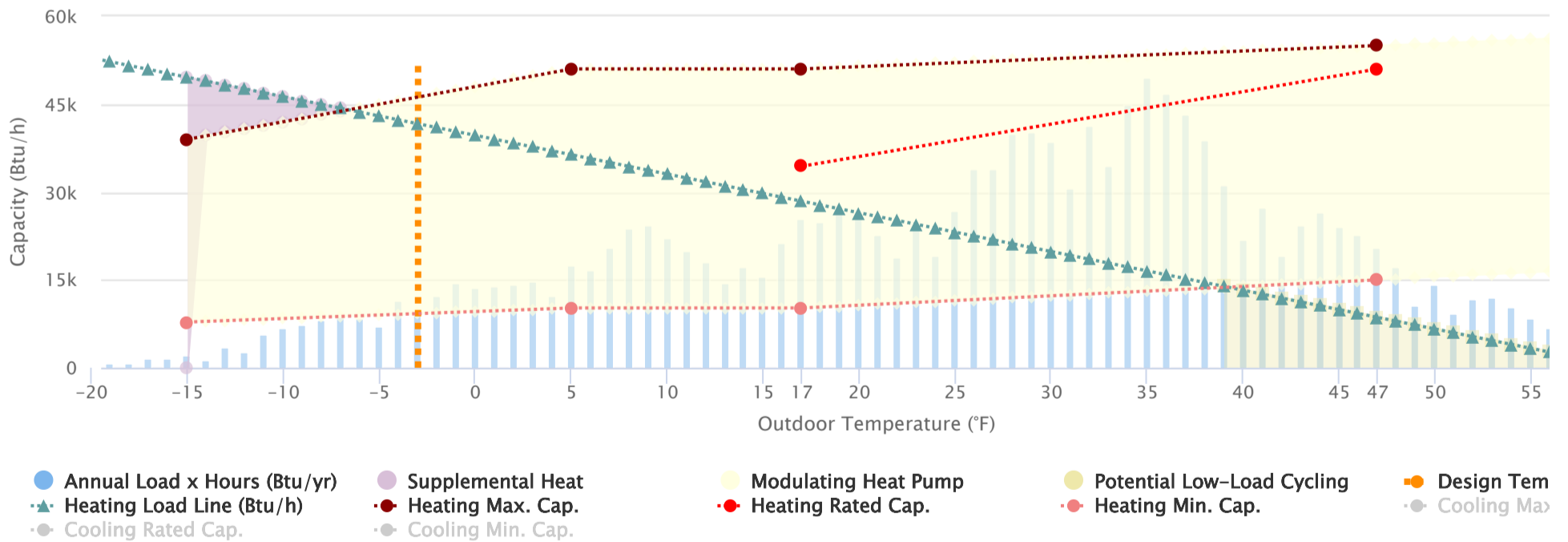
| | | | |
|--|-------------------|---------------------------|-----------------------------|
| State | Weather Station | Heating Design Temp. (°F) | Heating Design Load (Btu/h) |
| NH | Lebanon Municipal | -3 | 41640 |
| <input type="checkbox"/> Optional: Apply Lock-Out Temperature | | | |
| <input checked="" type="checkbox"/> Optional: Manually Set Low Temperature Capacity Rating | -15 | 39000 | |

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) | -7 |
| Minimum Capacity Threshold (°F) | 39 |
| Maximum Capacity at Design Temp (Btu/h) | 46,200 |
| Percent Design Load Served | 111.0% |
| Annual Heating Load (MMBtu) | 98.3 |

Field Information

| | |
|---|-------|
| Annual Btu's Covered by Supplemental Heat (MMBtu) | 2.6 |
| Hours Requiring Supplemental Heat | 61 |
| Percent Hours Requiring Supplemental Heat | 1.0% |
| Percent Annual Load Modulating | 75.2% |
| Percent Annual Load with Low-Load Cycling | 20.1% |

Percent Annual Heating Load Served

97.3%

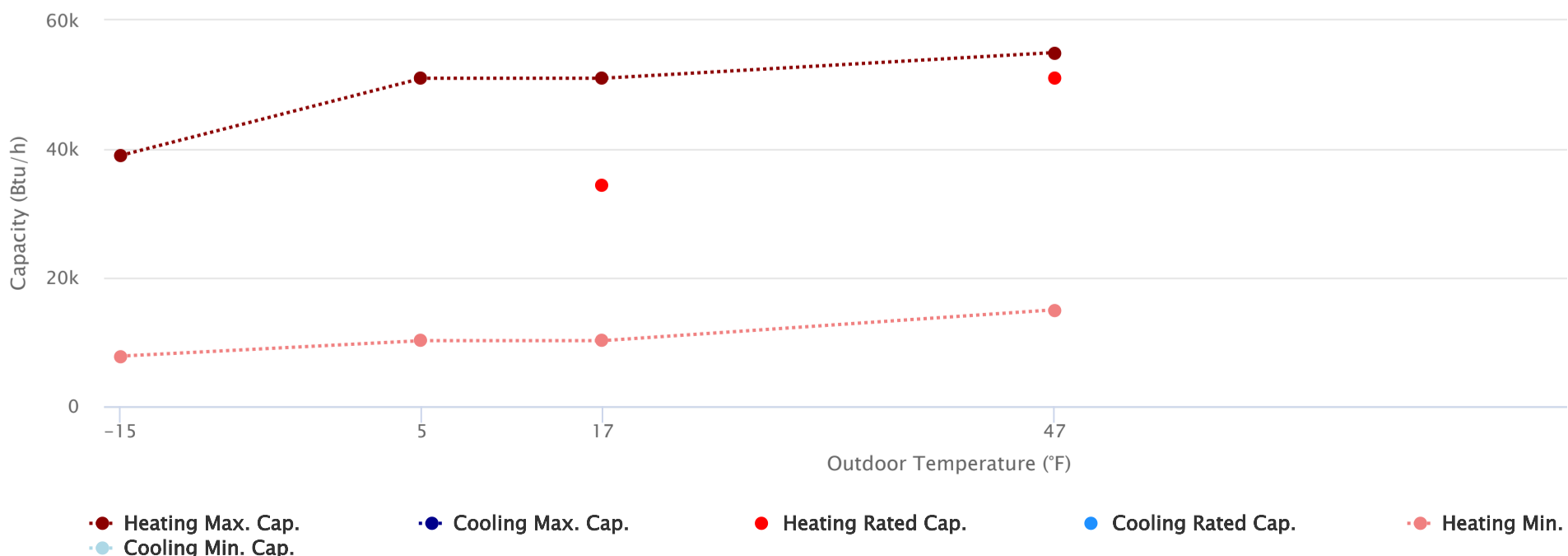
Information Tables

| | |
|---|-------------------------------------|
| Brand | FUJITSU |
| Series | |
| Ducting Configuration | Singlezone Ducted, Centrally Ducted |
| AHRI Certificate # | 207657378 |
| Outdoor Unit Model # | AOUH48LMAH1 |
| Indoor Model # | AMUG48LMAS |
| Indoor Unit Type | Mini-Splits |
| Furnace Model # | |
| EER | 9.1 |
| SEER | 16.3 |
| HSPF (Region IV) | 10.2 |
| 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) | 100% |
| 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 | 45,500 | 50,000 |
| | | | kW | 0.85 | 5 | 6 |
| | | | COP | 4.48 | 2.67 | 2.44 |
| Cooling | 82°F | 80°F | Btu/h | 15,100 | - | 55,300 |
| | | | kW | 0.67 | - | 5.21 |
| | | | COP | 6.61 | - | 3.11 |
| Heating | 47°F | 70°F | Btu/h | 15,000 | 51,000 | 55,000 |
| | | | kW | 0.9 | 4.13 | 5.41 |
| | | | COP | 4.88 | 3.62 | 2.98 |
| Heating | 17°F | 70°F | Btu/h | 10,200 | 34,400 | 51,000 |
| | | | kW | 0.76 | 3.5 | 6.52 |
| | | | COP | 3.93 | 2.88 | 2.29 |
| Heating | 5°F | 70°F | Btu/h | 10,200 | - | 51,000 |
| | | | kW | 0.75 | - | 6.39 |
| | | | COP | 3.99 | - | 2.34 |
| Heating | -15°F | 70°F | Btu/h | 7,800 | - | 39,000 |
| | | | kW | 0.74 | - | 6.29 |
| | | | COP | 3.09 | - | 1.82 |


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

