

H Series - Horizontal Discharge Modulating Heat Pump Compatibility Kit (HMH7AK001): The H Series outdoor section is designed for lower airflow when outdoor terminal S1 is energized and does not function correctly without this kit.

TXV Kits (S1-1TVM*): Thermal expansion valves precisely meter refrigerant for optimum performance over a wide range of conditions. See Table 4 for the TXV part number for each model.

Sound power ratings

Table 7: Sound power - cooling

Model number	Octave band sound power level (dB re. 1 pW)								dBA	SQI
	63	125	250	500	1000	2000	4000	8000		
HMH72B241S	70	70	63	62	61	55	50	43	65	19.1
HMH72B361S	72	71	67	63	64	58	56	50	68	19.1
HMH72B481S	73	70	67	64	65	60	57	48	69	19.2
HMH72B601S	78	79	71	66	66	62	64	52	73	19.0

Table 8: Sound power - heating

Model number	Octave band sound power level (dB re. 1 pW)								dBA	SQI
	63	125	250	500	1000	2000	4000	8000		
HMH72B241S	70	72	64	62	61	55	50	42	65	19.1
HMH72B361S	68	71	68	65	66	62	60	56	70	19.1
HMH72B481S	74	72	70	67	67	63	59	53	71	19.2
HMH72B601S	77	77	73	70	68	63	61	52	73	19.0

Mechanical specifications

Manufacture and certifications

- Units shall be manufactured in an ISO 9001 certified facility.
- Units shall be certified by ETL to UL 1995 and performance certified to ANSI/AHRI Standard 210/240.
- Units shall be sound tested according to ANSI/AHRI Standard 270.
- Certified matched system ratings will be available for download from the AHRI online directory at www.ahridirectory.org

Unit application

- Units shall be approved for cooling operation between 35°F and 122°F without modification.
- Units shall be approved for linesets up to an equivalent length of 164 ft for HMH72B241S and 246 ft for HMH72B361S, HMH72B481S, and HMH72B601S without modification.
- Units shall be approved for installation within 8 in. (long side) and 6 in. (short side) of a flat vertical wall without modification, according to the instructions in the technical literature.
- Units shall be designed to 73 dBA or less to minimize sound pollution.

Unit access

- Units shall be factory leak checked, run tested, and shipped with a holding charge of R-410A refrigerant.
- Unit cabinet components shall be G90 equivalent steel finished with powder-coat paint rated at a minimum of 1,000 h under ASTM B117 testing.