

TECHNICAL SPECIFICATIONS

HSH4ME Series

Up to 14.3 SEER2, 7.5 HSPF2 Manufactured Housing System Heat Pump

2 – 4 Ton Capacity

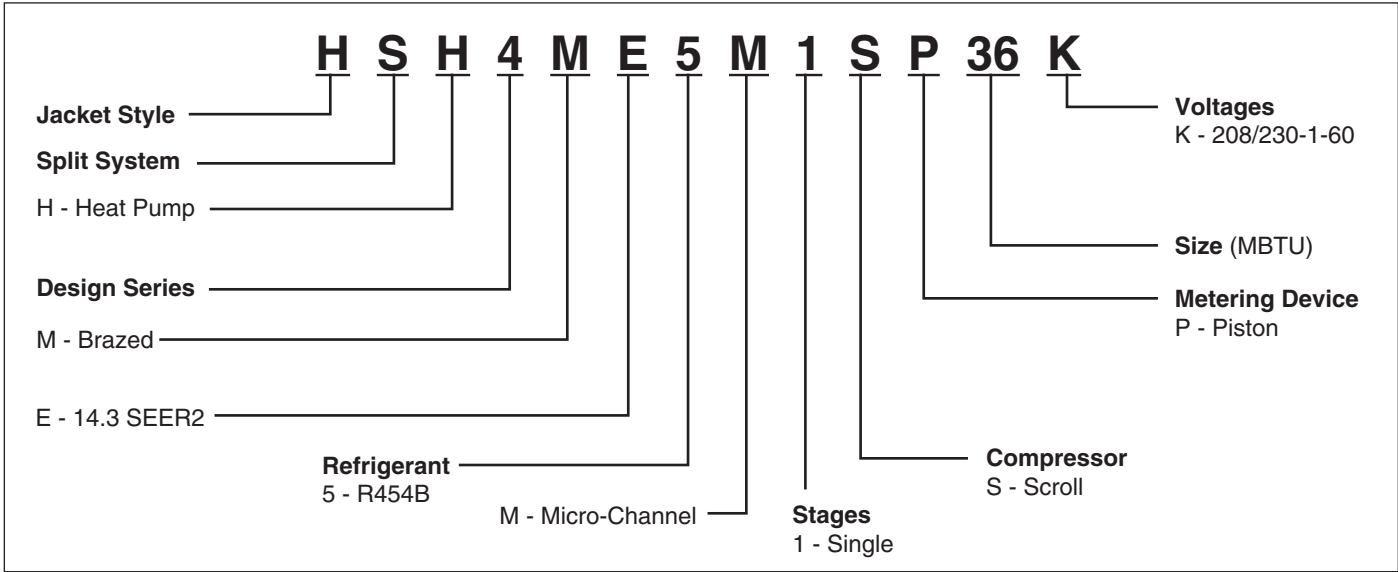
The HSH4ME Series heat pump, when combined with our engineered coils or air handlers, offers a full line of quality, split system heating and cooling equipment. Units are ideally sized for slab or cantilever bracket installation.



FEATURES and BENEFITS

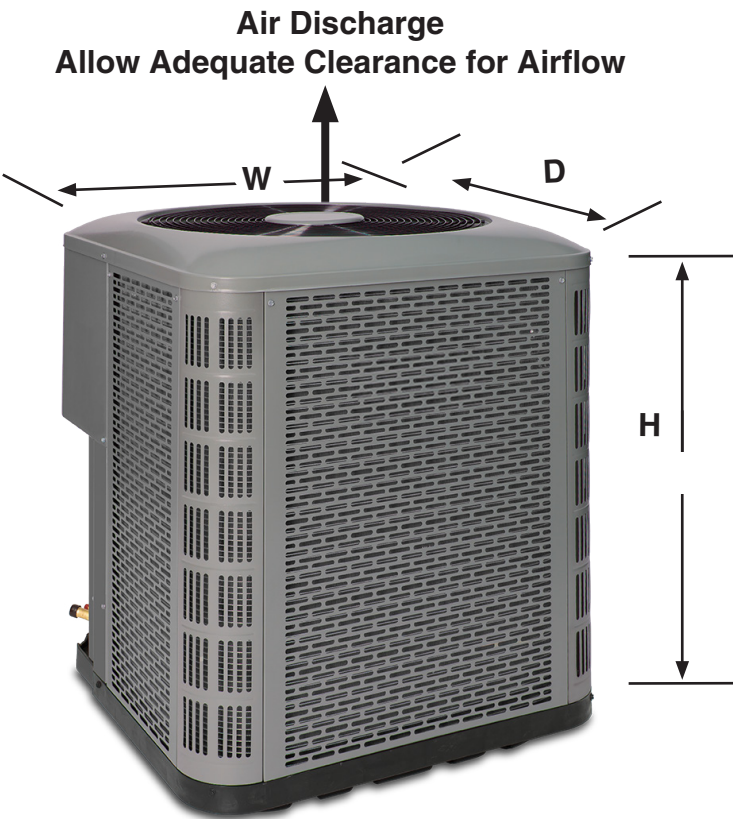
- **Models Offer Full Service Valves:** These brass valves are easily accessible and simplify servicing of the refrigeration system. Charged with refrigerant for 20 feet of lineset.
- **Patented Hot Gas Bypass Defrost** – Ensures that outdoor coil defrosts every time and only when necessary.
- **Designed Using Galvanized Steel:** A powder-coated paint that eliminates sharp edges and reduces corrosion, fading, chipping and scratching. It passes 950 hours of salt spray per ASTM Std. B117.
- **Composite Base Pan** – Absorbs sound and is corrosion resistant. Composite is also stronger and lighter than steel.
- **Designed for Manufacturing Housing** – The outdoor thermostat required by HUD is factory installed.
- **Quality Compressor:** State-of-the-art Scroll compressor is standard equipment offering superior comfort and efficiency.
- **Removable Top Grille Assembly** – Allows ease of service from the top without disconnecting fan motor leads.
- **Suction Accumulator and Crankcase Heater** – Protection from liquid flood back and future compressor failures.
- **Hot Gas Muffler** – Reduces compressor noise and vibration.
- **Low Pressure Switch** – Loss of charge protection ensures long compressor life. Auto-reset feature prevents nuisance service visits.
- **High Pressure Switch** – Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Liquid Line Filter Drier** – Included with unit and field installed.
- **One-Piece Top/Orifice** – Designed for maximum airflow and quiet operation.
- **Easy Compressor and Control Access** – Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **All-Aluminum Coils** – Aluminum coils in all models which provides high corrosion resistance.
- **Powder Coated Full Metal Jacket:** Will never rust and protects the coil from being damaged by lawnmowers, hail etc.
- **Common Suction Service Port** – This port allows the contractor to read the suction pressure in all modes of operation without removing any panels, saving time and increasing serviceability.
- **Five Minute Restart Time Delay** – When the unit shuts down, a five minute delay keeps the unit from restarting, eliminating the highest cause for compressor failure.

MODEL IDENTIFICATION CODES



DIMENSIONS
HEAT PUMP OUTDOOR SECTION

HSH4ME	24K	30K	36K	42K	48K
Height (in)	33	37	45	45	45
Width (in)	31.75	31.75	31.75	31.75	31.75
Depth (in)	31.75	31.75	31.75	31.75	31.75
Weight (Packaged) lbs	173	180	196	207	225



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

14.3 SEER2 — Single Phase

Model Number SH4ME5M			1SP24K	1SP30K	1SP36K	1SP42K	1SP48K
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1				
	Delay Fuse Max. (2)		20	25	30	30	40
	Min. Circuit Ampacity		12.1	16.5	19	19.3	25.6
Component Data	Fan Motor HP	HP	1/8	1/8	1/5	1/4	1/4
	Compressor Data	LRA	63	67	86	95	102
Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length.		0-24 ft.	3/4"	3/4"	3/4"	7/8"	7/8"
		25-39 ft.	3/4"	3/4"	3/4"	7/8"	7/8"
		40-75 ft.	3/4"	3/4"	7/8" (3)	7/8"	7/8"
Approximate Shipping Weight (lbs.) (Packaged)			173	180	196	207	225
Sound Rating dBA (Heating)			71	73	71	76	77
Sound Rating dBA (Cooling)			71	72	69	75	76

Rated for 10,000 ft maximum elevation

(1) Operating Voltage Range: 187v min. - 253v max.

(2) HACR Type Circuit Breakers may be used.

(3) Requires 7/8" to 3/4" reducer from line to unit.

SYSTEM HEATING AND COOLING CAPACITIES

14.3 SEER2 — Single Phase

AHRI Ratings									
Outdoor Unit	Indoor Unit	Coil Height	Cooling Capacity @ 95°F	EER2 @ 95°F	SEER2	Heating Capacity @ 47°F	Heating Capacity @ 17°F	HSPF2	CFM
HSH4ME5M1SP24K	C85DAMX24U-B	18"	23,400	11.0	14.3	23,800	14,600	7.5	885
HSH4ME5M1SP30K	C85DAMX3036U-B	18"	29,600	11.0	14.3	29,000	18,400	7.5	1,100
HSH4ME5M1SP36K	C85DAMX3036U-B	18"	34,600	11.0	14.3	35,800	22,600	7.5	1,100
HSH4ME5M1SP42K	C85DAMX43U-B	24"	40,500	11.0	14.3	41,500	25,800	7.5	1,325
HSH4ME5M1SP48K	C85DAMX4960U-B + E7E*	28"	46,000	11.0	14.3	47,000	28,600	7.5	1,375

All ratings are with time delay relay.

See current AHRI Directory for certified combinations and ratings.

www.ahridirectory.org

EXPANDED COOLING PERFORMANCE

SH4ME5M1SP24K + C85DAMX24U-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
700	80	62	26.5	22.4	1.38	25.3	21.8	1.55	24.1	21.2	1.73	22.7	20.6	1.94	21.2	19.6	2.19	19.6	18.9	2.48
	80	67	28.9	18.9	1.37	27.4	18.2	1.54	26.1	17.7	1.72	24.7	17.0	1.91	23.2	16.4	2.13	21.6	15.7	2.40
	80	72	31.9	15.6	1.38	30.3	14.9	1.55	28.6	14.2	1.73	26.9	13.5	1.92	25.4	13.0	2.14	23.7	12.3	2.39
	75	62	26.4	19.0	1.38	25.1	18.3	1.55	24.0	17.8	1.73	22.6	17.1	1.94	21.1	16.4	2.19	19.5	15.7	2.48
	75	67	28.7	15.5	1.38	27.4	14.9	1.54	26.0	14.3	1.72	24.6	13.7	1.91	23.1	13.0	2.13	21.5	12.3	2.41
800	80	62	27.1	23.9	1.42	25.8	23.3	1.59	24.6	22.6	1.77	23.2	21.8	1.98	21.6	20.3	2.23	20.1	19.9	2.51
	80	67	29.5	20.0	1.41	28.0	19.3	1.58	26.6	18.7	1.76	25.2	18.0	1.95	23.6	17.4	2.17	22.0	16.7	2.44
	80	72	32.6	16.2	1.42	30.9	15.5	1.59	29.1	14.7	1.77	27.3	13.9	1.96	25.7	13.5	2.18	24.0	12.8	2.43
	75	62	27.0	20.1	1.42	25.7	19.4	1.59	24.5	18.9	1.77	23.0	18.2	1.98	21.4	17.4	2.23	19.8	16.7	2.52
	75	67	29.3	16.2	1.41	27.9	15.5	1.58	26.5	14.9	1.76	25.0	14.3	1.95	23.5	13.6	2.17	21.8	12.9	2.44
885	80	62	27.5	25.1	1.45	26.2	24.4	1.62	24.9	23.7	1.80	23.5	22.7	2.01	22.0	21.7	2.26	20.6	20.5	2.55
	80	67	29.9	20.8	1.44	28.4	20.1	1.61	27.0	19.5	1.79	25.4	18.9	1.99	23.8	18.2	2.20	22.2	17.5	2.48
	80	72	33.0	16.6	1.45	31.3	15.9	1.62	29.5	15.1	1.80	27.6	14.4	2.00	26.0	14.0	2.21	24.2	13.3	2.47
	75	62	27.4	21.0	1.45	26.0	20.3	1.62	24.8	19.7	1.80	23.3	19.0	2.01	21.7	18.3	2.26	20.0	17.6	2.55
	75	67	29.8	16.6	1.44	28.3	16.0	1.61	26.8	15.2	1.79	25.1	14.4	1.98	23.6	13.6	2.20	22.0	13.4	2.48

SH4ME5M1SP30K + C85DAMX3036U-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
875	80	62	31.3	26.9	1.63	30.2	26.4	1.82	29.0	25.8	2.04	27.4	25.1	2.28	25.7	24.2	2.56	24.0	23.3	2.89
	80	67	34.3	22.4	1.64	32.9	22.0	1.84	31.5	21.4	2.05	29.9	20.7	2.28	28.3	20.0	2.54	26.4	19.4	2.85
	80	72	38.0	18.5	1.68	36.4	17.8	1.88	34.6	17.2	2.08	32.8	16.5	2.31	30.9	15.8	2.57	29.0	15.1	2.87
	75	62	31.3	22.5	1.62	30.2	22.1	1.82	28.9	21.6	2.03	27.4	20.9	2.28	25.7	20.1	2.56	23.9	19.3	2.89
	75	67	34.2	18.4	1.64	32.9	17.8	1.84	31.4	17.2	2.04	29.8	16.4	2.27	28.2	15.8	2.53	26.4	15.2	2.85
1000	80	62	31.9	28.7	1.68	30.9	28.2	1.88	29.6	27.5	2.09	28.0	25.8	2.34	26.3	25.7	2.62	24.7	24.4	2.95
	80	67	35.0	23.8	1.70	33.6	23.2	1.89	32.1	22.7	2.10	30.5	22.0	2.33	28.7	21.3	2.59	26.8	20.6	2.90
	80	72	38.8	19.2	1.74	37.0	18.4	1.93	35.3	17.9	2.14	33.4	17.2	2.37	31.4	16.4	2.63	29.4	15.7	2.93
	75	62	31.9	23.9	1.68	30.8	23.4	1.88	29.4	22.8	2.09	27.9	22.1	2.33	26.2	21.4	2.61	24.2	20.6	2.94
	75	67	34.8	19.2	1.69	33.6	18.5	1.89	32.0	17.8	2.10	30.3	17.0	2.33	28.7	16.6	2.59	26.8	15.9	2.90
1100	80	62	32.4	29.9	1.72	31.3	29.4	1.92	30.0	28.6	2.14	28.4	27.8	2.38	26.8	26.5	2.66	25.3	25.1	2.99
	80	67	35.5	24.8	1.74	34.0	23.3	1.94	32.5	23.7	2.15	30.8	23.0	2.38	29.0	22.2	2.64	27.1	21.5	2.95
	80	72	39.3	19.7	1.78	37.5	18.9	1.98	35.6	18.1	2.19	33.7	17.7	2.42	31.7	17.0	2.67	29.7	16.3	2.97
	75	62	32.4	24.9	1.72	31.2	24.4	1.92	29.9	23.8	2.13	28.3	23.1	2.37	26.4	22.4	2.65	24.5	21.6	2.98
	75	67	35.3	19.7	1.74	34.0	19.0	1.94	32.4	18.3	2.15	30.6	17.4	2.38	28.9	17.1	2.64	27.1	16.3	2.95

SH4ME5M1SP36K + C85DAMX3036U-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1050	80	62	37.8	31.5	2.04	36.3	30.7	2.27	34.8	30.4	2.49	32.8	28.0	2.75	31.3	28.0	3.04	29.4	27.3	3.38
	80	67	41.3	26.8	2.06	39.6	26.1	2.29	37.8	24.9	2.51	36.1	24.5	2.76	34.1	23.5	3.04	32.1	22.6	3.37
	80	72	44.7	21.8	2.08	42.8	21.0	2.31	41.1	20.3	2.52	39.3	19.5	2.77	37.2	18.7	3.05	35.0	17.9	3.37
	75	62	37.7	26.8	2.05	36.2	26.1	2.26	34.7	25.2	2.50	32.7	24.0	2.75	31.1	23.5	3.04	29.2	22.6	3.38
	75	67	41.1	22.0	2.06	39.4	21.3	2.29	37.8	20.5	2.51	35.9	19.7	2.76	34.0	18.8	3.04	31.9	17.9	3.37
1100	80	62	38.2	32.3	2.07	36.7	31.6	2.28	35.0	31.0	2.52	33.3	30.1	2.77	31.5	28.6	3.06	29.5	27.9	3.40
	80	67	41.6	27.3	2.08	40.0	26.4	2.31	38.1	25.7	2.54	36.1	24.4	2.78	34.3	23.9	3.06	32.3	23.0	3.39
	80	72	45.0	22.0	2.11	43.1	21.2	2.33	41.4	20.5	2.55	39.5	19.8	2.79	37.4	19.0	3.07	35.3	18.1	3.39
	75	62	38.0	27.3	2.07	36.7	26.5	2.28	35.0	25.8	2.52	33.0	24.4	2.77	31.4	24.0	3.06	29.4	23.0	3.40
	75	67	41.4	22.3	2.08	39.7	21.6	2.31	38.1	20.8	2.54	36.1	19.9	2.78	34.2	19.1	3.06	32.2	18.2	3.39
1200	80	62	38.7	33.1	2.12	37.1	32.5	2.34	35.4	32.3	2.56	33.7	31.1	2.81	31.8	30.3	3.10	29.6	28.3	3.43
	80	67	42.2	28.1	2.13	40.5	27.2	2.36	38.6	26.5	2.58	36.5	25.2	2.82	34.7	24.7	3.11	32.6	23.8	3.43
	80	72	45.6	22.5	2.15	43.7	21.7	2.38	41.8	21.1	2.59	39.9	20.3	2.83	37.8	19.4	3.11	35.6	18.5	3.43
	75	62	38.5	28.3	2.12	37.0	27.6	2.33	35.2	26.2	2.56	33.6	25.7	2.81	31.7	24.8	3.10	29.7	23.9	3.43
	75	67	41.9	22.8	2.13	40.2	22.0	2.36	38.6	21.4	2.58	36.5	20.5	2.83	34.5	19.6	3.11	32.5	18.7	3.43

EXPANDED COOLING PERFORMANCE (CONTINUED)

SH4ME5M1SP42K + C85DAMX43U-B

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1225	80	62	43.1	37.2	2.30	41.5	36.5	2.61	39.7	35.7	2.90	37.8	34.4	3.19	35.6	32.4	3.51	33.5	32.4	3.87
	80	67	47.1	31.1	2.27	45.4	30.4	2.58	43.3	29.5	2.87	41.2	28.6	3.17	39.1	27.5	3.49	36.7	26.7	3.86
	80	72	51.1	25.0	2.24	49.4	24.3	2.55	47.1	23.4	2.84	44.9	22.6	3.14	42.6	21.7	3.46	39.9	20.6	3.84
	75	62	43.0	31.3	2.30	41.4	30.6	2.61	39.6	29.8	2.90	37.7	28.9	3.19	35.5	27.8	3.51	33.3	26.7	3.88
	75	67	46.8	25.2	2.27	45.1	24.4	2.58	43.2	23.7	2.87	41.1	22.7	3.17	38.9	21.8	3.49	36.5	20.9	3.85
1325	80	62	43.7	38.6	2.33	42.1	38.0	2.64	40.1	37.0	2.94	38.2	36.0	3.23	36.0	34.8	3.55	33.9	33.5	3.91
	80	67	47.7	32.1	2.31	45.8	31.3	2.62	43.9	30.5	2.91	41.7	29.6	3.21	39.4	28.7	3.52	37.1	27.5	3.89
	80	72	51.8	25.6	2.27	49.9	24.9	2.58	47.8	24.0	2.88	45.4	23.1	3.18	43.0	22.2	3.50	40.3	21.1	3.87
	75	62	43.6	32.4	2.33	41.9	31.7	2.65	40.1	30.8	2.94	38.0	29.8	3.23	35.9	28.8	3.55	33.6	27.7	3.91
	75	67	47.5	25.8	2.31	45.6	24.9	2.62	43.7	24.2	2.91	41.5	23.3	3.21	39.3	22.4	3.52	36.9	21.4	3.89
1450	80	62	44.3	40.4	2.38	42.6	39.6	2.69	40.7	38.0	2.98	38.6	37.5	3.27	36.5	36.1	3.59	34.6	34.2	3.95
	80	67	48.3	33.2	2.35	46.4	32.5	2.66	44.3	31.7	2.96	42.2	30.9	3.25	39.8	29.6	3.57	37.4	28.7	3.94
	80	72	52.5	26.3	2.32	50.5	25.5	2.63	48.3	24.6	2.92	45.8	23.8	3.22	43.4	22.8	3.55	40.9	21.8	3.92
	75	62	44.1	33.7	2.38	42.4	32.9	2.69	40.5	31.9	2.98	38.4	31.0	3.28	36.3	30.0	3.59	34.0	28.7	3.96
	75	67	48.1	26.5	2.35	46.2	25.7	2.67	44.1	24.7	2.96	42.0	23.9	3.25	39.7	23.1	3.57	37.4	22.1	3.93

SH4ME5M1SP48K + C85DAMX4960U-B + E7

O.D.T			65°F			75°F			85°F			95°F			105°F			115°F		
CFM	E.D.B.	E.W.B.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.	T.C.	S.C.	K.W.
1375	80	62	50.0	41.8	2.54	48.1	40.8	2.90	46.2	39.8	3.24	44.1	38.5	3.59	42.1	37.7	3.97	39.7	36.6	4.40
	80	67	54.3	35.4	2.53	52.4	34.5	2.87	50.2	33.5	3.25	48.0	32.4	3.61	45.8	31.4	4.00	43.4	30.3	4.43
	80	72	58.6	28.7	2.55	56.4	27.8	2.90	54.3	26.9	3.25	52.1	26.0	3.63	49.8	25.1	4.03	47.2	24.2	4.47
	75	62	49.8	35.5	2.54	47.9	34.6	2.90	46.1	33.5	3.23	44.0	32.6	3.59	41.9	31.6	3.97	39.5	30.4	4.40
	75	67	54.1	29.1	2.53	52.1	28.3	2.88	49.9	27.3	3.25	47.9	26.4	3.61	45.6	25.3	4.00	43.1	24.3	4.43
1600	80	62	51.2	44.3	2.73	48.8	43.3	3.10	47.0	42.4	3.44	44.7	41.1	3.79	42.5	40.0	4.18	40.1	38.7	4.61
	80	67	55.2	36.9	2.72	52.9	35.9	3.11	50.9	35.1	3.45	48.5	34.0	3.82	46.2	32.9	4.21	43.7	31.8	4.64
	80	72	59.6	29.5	2.72	57.2	28.6	3.10	55.0	27.8	3.46	52.7	26.8	3.83	50.2	25.8	4.23	47.6	24.7	4.67
	75	62	50.7	37.3	2.73	48.8	36.4	3.07	46.9	35.3	3.44	44.5	34.4	3.79	42.3	33.1	4.18	39.9	32.0	4.60
	75	67	54.9	29.9	2.73	52.9	29.0	3.08	50.6	28.0	3.45	48.4	27.2	3.82	46.0	26.1	4.20	43.5	25.0	4.64
1700	80	62	51.1	45.3	2.84	49.2	44.4	3.18	46.9	42.8	3.55	44.8	42.1	3.90	42.6	40.9	4.29	40.2	39.4	4.72
	80	67	55.4	37.6	2.83	53.3	36.7	3.18	51.0	35.7	3.56	48.6	34.5	3.93	46.3	33.5	4.32	43.8	32.4	4.75
	80	72	59.9	29.8	2.82	57.5	28.9	3.20	55.2	28.0	3.56	52.8	27.0	3.93	50.3	26.0	4.34	47.7	25.0	4.78
	75	62	50.9	37.9	2.84	48.8	36.7	3.21	46.7	35.9	3.54	44.6	34.8	3.90	42.3	33.7	4.29	39.9	32.5	4.71
	75	67	55.1	30.2	2.84	52.8	29.2	3.21	50.7	28.3	3.56	48.5	27.4	3.92	46.0	26.4	4.31	43.5	25.2	4.74

EXPANDED HEATING PERFORMANCE

SH4ME5M1SP24K + C85DAMX24U-B

OUTDOOR TEMPERATURE (°F)																			
CFM	Indoor T. Deg.F	5		10		17		20		30		40		47		50		60	
		MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.
700	60	8.8	1.64	1.57	10.8	2.03	1.56	13.2	2.43	1.59	14.3	2.59	1.61	17.9	3.07	1.71	21.5	3.57	1.77
	70	8.3	1.49	1.63	9.8	1.75	1.65	12.0	2.09	1.68	13.0	2.24	1.70	16.4	2.71	1.78	20.2	3.13	1.89
	80	7.4	1.22	1.78	8.9	1.43	1.82	11.0	1.77	1.83	11.9	1.90	1.84	15.2	2.32	1.93	18.8	2.70	2.04
800	60	8.9	1.62	1.61	10.9	2.01	1.60	13.4	2.43	1.62	14.5	2.59	1.64	18.2	3.08	1.73	21.9	3.63	1.77
	70	8.5	1.50	1.65	10.1	1.78	1.67	12.3	2.12	1.70	13.3	2.28	1.72	16.8	2.76	1.79	20.6	3.21	1.88
	80	7.5	1.22	1.82	9.1	1.46	1.84	11.3	1.80	1.84	12.2	1.93	1.86	15.6	2.37	1.93	19.2	2.78	2.03
885	60	9.1	1.61	1.65	11.1	1.98	1.63	13.8	2.48	1.63	14.6	2.57	1.67	18.3	3.06	1.76	22.2	3.64	1.79
	70	8.6	1.50	1.68	10.2	1.78	1.69	12.5	2.14	1.72	13.5	2.29	1.73	17.1	2.80	1.80	20.9	3.26	1.88
	80	7.7	1.21	1.85	9.3	1.47	1.86	11.5	1.82	1.86	12.5	1.95	1.87	15.8	2.40	1.93	19.5	2.83	2.03

SH4ME5M1SP30K + C85DAMX3036U-B

OUTDOOR TEMPERATURE (°F)																			
CFM	Indoor T. Deg.F	5		10		17		20		30		40		47		50		60	
		MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.
875	60	12.0	1.83	1.92	14.7	2.27	1.90	18.4	2.78	1.95	22.0	3.13	2.06	26.0	3.75	2.26	30.0	3.84	2.29
	70	12.3	1.83	1.97	14.1	2.09	1.98	16.3	2.37	2.02	17.3	2.48	2.04	20.9	2.85	2.15	24.7	3.13	2.31
	80	11.6	1.58	2.15	13.3	1.82	2.15	15.4	2.07	2.19	16.3	2.16	2.21	19.8	2.48	2.34	23.5	2.74	2.51
1000	60	12.1	1.79	1.97	14.9	2.24	1.95	17.5	2.62	1.96	18.7	2.76	1.98	22.3	3.13	2.09	26.4	3.48	2.22
	70	12.5	1.83	2.01	14.4	2.11	2.00	16.7	2.40	2.04	17.6	2.52	2.05	21.3	2.90	2.15	25.2	3.21	2.30
	80	11.8	1.58	2.20	13.6	1.84	2.17	15.8	2.10	2.20	16.7	2.20	2.22	20.2	2.54	2.33	24.0	2.82	2.49
1100	60	12.2	1.78	2.01	15.0	2.21	1.99	17.7	2.59	2.00	18.8	2.74	2.02	22.5	3.11	2.12	26.6	3.47	2.25
	70	12.7	1.81	2.05	14.6	2.11	2.03	16.9	2.41	2.05	17.9	2.53	2.07	21.6	2.93	2.16	25.5	3.25	2.31
	80	12.0	1.57	2.24	13.9	1.85	2.20	16.0	2.11	2.22	16.9	2.22	2.24	20.5	2.57	2.34	24.3	2.86	2.49

GSH4ME5M1SP36K + C85DAMX3036U-B

OUTDOOR TEMPERATURE (°F)																			
CFM	Indoor T. Deg.F	5		10		17		20		30		40		47		50		60	
		MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.
1050	60	18.0	2.37	2.22	20.0	2.66	2.20	22.7	2.96	2.25	24.1	3.12	2.27	28.9	3.52	2.41	34.1	3.81	2.62
	70	17.1	2.15	2.33	18.8	2.37	2.33	21.3	2.63	2.38	22.6	2.75	2.41	27.2	3.17	2.52	32.3	3.54	2.68
	80	16.2	1.88	2.53	17.8	2.06	2.53	20.3	2.29	2.59	21.4	2.39	2.63	25.8	2.76	2.75	30.8	3.11	2.91
1100	60	18.0	2.36	2.24	20.0	2.65	2.22	22.8	2.98	2.25	24.2	3.12	2.28	29.0	3.51	2.42	34.2	3.81	2.63
	70	17.2	2.16	2.34	18.9	2.38	2.34	21.5	2.64	2.38	22.7	2.76	2.41	27.4	3.19	2.52	32.5	3.58	2.67
	80	16.3	1.89	2.53	18.0	2.08	2.54	20.4	2.30	2.60	21.6	2.41	2.63	26.0	2.79	2.74	31.0	3.14	2.90
1200	60	18.2	2.34	2.28	20.1	2.62	2.25	22.9	2.93	2.29	24.4	3.10	2.31	29.2	3.49	2.45	34.3	3.78	2.66
	70	17.4	2.16	2.36	19.2	2.39	2.35	21.7	2.66	2.39	23.0	2.78	2.42	27.7	3.23	2.52	32.9	3.62	2.66
	80	16.6	1.90	2.55	18.2	2.09	2.56	20.6	2.32	2.60	21.9	2.43	2.63	26.4	2.83	2.74	31.4	3.19	2.88

EXPANDED HEATING PERFORMANCE (CONTINUED)

SH4ME5M1SP42K + C85DAMX43U-B

		OUTDOOR TEMPERATURE (°F)																										
CFM	Indoor T. Deg.F	5			10			17			20			30			40			47			50			60		
		MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.
1225	60	20.3	2.06	2.90	22.6	2.37	2.80	25.5	2.64	2.83	26.9	2.75	2.86	32.1	3.17	2.97	37.9	3.54	3.14	42.5	3.78	3.30	44.1	3.87	3.34	50.3	4.28	3.44
	70	19.3	1.86	3.05	21.6	2.11	3.00	24.4	2.34	3.05	25.6	2.44	3.08	30.6	2.81	3.18	36.3	3.17	3.36	40.7	3.39	3.53	42.5	3.46	3.60	48.6	3.80	3.75
	80	18.3	1.66	3.23	20.5	1.87	3.20	22.8	2.05	3.25	24.3	2.16	3.29	29.0	2.47	3.44	34.6	2.82	3.60	39.1	3.03	3.79	40.8	3.09	3.86	47.0	3.36	4.10
1325	60	20.4	2.04	2.94	22.8	2.37	2.82	25.8	2.66	2.84	27.1	2.77	2.87	32.4	3.20	2.97	38.3	3.58	3.13	42.9	3.82	3.30	44.6	3.92	3.33	50.8	4.37	3.41
	70	19.6	1.86	3.09	21.9	2.13	3.02	24.6	2.36	3.06	25.9	2.46	3.09	31.0	2.85	3.19	36.7	3.21	3.35	41.1	3.43	3.52	42.9	3.50	3.59	49.1	3.87	3.72
	80	18.3	1.65	3.27	20.7	1.89	3.22	23.1	2.07	3.26	24.6	2.18	3.30	29.3	2.50	3.44	35.0	2.86	3.59	39.5	3.07	3.77	41.1	3.13	3.85	47.5	3.42	4.07
1450	60	20.6	2.02	2.99	23.0	2.36	2.86	26.0	2.67	2.86	27.4	2.79	2.88	32.7	3.23	2.97	38.7	3.61	3.14	43.3	3.84	3.31	45.0	3.95	3.34	51.4	4.44	3.39
	70	19.6	1.84	3.14	22.2	2.13	3.05	24.9	2.37	3.08	26.2	2.48	3.10	31.3	2.87	3.19	37.1	3.24	3.36	41.6	3.46	3.52	43.3	3.53	3.60	49.6	3.93	3.70
	80	18.6	1.64	3.32	21.0	1.90	3.25	23.7	2.11	3.29	25.0	2.20	3.32	29.8	2.55	3.43	35.5	2.90	3.59	39.9	3.10	3.77	41.6	3.17	3.85	48.0	3.48	4.04

SH4ME5M1SP48K + C85DAMX4960U-B + E7

		OUTDOOR TEMPERATURE (°F)																										
CFM	Indoor T. Deg.F	5			10			17			20			30			40			47			50			60		
		MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.	MBH	COP	K.W.
1375	60	23.3	2.40	2.85	26.0	2.66	2.87	29.8	2.96	2.95	31.5	3.08	2.99	37.7	3.46	3.19	44.4	3.74	3.48	49.5	4.03	3.61	51.4	4.13	3.64	58.9	4.52	3.82
	70	22.0	2.12	3.05	24.4	2.33	3.08	27.7	2.58	3.15	29.3	2.69	3.19	35.1	3.06	3.36	41.8	3.41	3.59	47.2	3.65	3.79	49.2	3.72	3.87	56.9	3.99	4.18
	80	20.7	1.84	3.30	23.1	2.02	3.34	26.2	2.24	3.42	27.7	2.34	3.46	33.3	2.67	3.64	39.7	3.00	3.89	44.9	3.21	4.10	46.9	3.29	4.18	54.6	3.54	4.52
1600	60	24.0	2.32	3.04	26.9	2.60	3.03	30.7	2.91	3.09	32.5	3.04	3.13	38.6	3.39	3.34	45.4	3.67	3.63	50.6	3.99	3.72	52.5	4.12	3.74	60.3	4.59	3.86
	70	22.9	2.10	3.20	25.3	2.31	3.22	28.7	2.56	3.28	30.3	2.68	3.32	36.2	3.06	3.47	43.0	3.43	3.67	48.5	3.69	3.86	50.6	3.77	3.93	58.3	4.07	4.21
	80	21.8	1.84	3.48	24.1	2.03	3.48	27.2	2.24	3.55	28.8	2.35	3.59	34.4	2.69	3.74	40.9	3.03	3.96	46.3	3.27	4.15	48.3	3.35	4.23	56.1	3.63	4.53
1700	60	24.4	2.28	3.14	27.2	2.56	3.13	31.1	2.86	3.18	32.9	3.00	3.22	39.0	3.34	3.43	45.7	3.60	3.73	51.1	3.94	3.80	53.1	4.08	3.82	60.9	4.57	3.91
	70	23.4	2.08	3.30	25.7	2.29	3.30	29.1	2.54	3.36	30.8	2.66	3.40	36.8	3.05	3.54	43.5	3.41	3.74	49.1	3.68	3.92	51.2	3.76	3.99	58.9	4.06	4.26
	80	22.2	1.83	3.56	24.5	2.01	3.56	27.6	2.23	3.63	29.2	2.34	3.66	35.0	2.69	3.82	41.4	3.02	4.02	46.9	3.27	4.20	48.9	3.35	4.28	56.7	3.64	4.57



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Nordyne, LLC will furnish a replacement for any part of this product which fails in normal use and service within the terms and conditions of the warranty.

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