



Powered by
SAMSUNG

Submittal Data

V1EHK0*-1P

Electric Heat Kit

Job name: _____

Location: _____

Purchaser: _____

Engineer: _____

Submitted to: _____

Reference Approval Construction

Unit designation: _____

Schedule #: _____

Model Number	Description
V1EHK01-1P	3 kW Electric Heat Kit
V1EHK02-1P	5 kW Electric Heat Kit
V1EHK03-1P	5 kW Electric Heat Kit
V1EHK04-1P	10 kW Electric Heat Kit
V1EHK05-1P	5 kW Electric Heat Kit
V1EHK06-1P	10 kW Electric Heat Kit
V1EHK07-1P	15 kW Electric Heat Kit , 2 Stg
V1EHK08-1P	20 kW Electric Heat Kit , 2 Stg

Specifications

- Supplemental electric heat kit used with R32 Lennox VVCD***, MMD***S6-1P, and MMD0**M6-1P multi-position air handlers.
- Installs inside the air handling unit.
- The electric heat kit shall include breakers for overcurrent protection and to turn off the air handler.
- The electric heat kit control wiring shall plug directly into the electric heat kit control plug inside the air handling unit.
- The electric heat kit shall contain limit switches to prevent overheating.
- The supplemental electric heat kit shall include all components necessary for heat kit installation.
- Refer to respective supporting indoor unit technical documents for compatibility and operation option settings.

Lennox maintains a policy of ongoing development. Specifications are subject to change without notice.

Electrical Data

CAC (MMD0**S6-1P) and FJM (MMD0**M6-1P) Models

Indoor Unit Model				Electric Heater Data						UNIT MCA (UL 60335 2-40 101.DVB.2.1) Condition C		UNIT MOP (UL 60335 2-40 101.DVB.3.1)		Braker Size		Short-Circuit Current Rating	
	Volts (1ph)	Motor Amps (FLA)		Heat Kit Model	Circuit Qty.	kW		Amps		MCA (AMPS)		MOP (AMPS)		Fuse Size (AMPS)		"SCCR"	
		208V	230V			208V	230V	208V	230V	208V	230V	208V	230V	208V	230V	208V	230V
SMALL CABINET																	
MMD012M6-1P	208/230	0.59	0.65	V1EHK01-1P	1	2.25	2.76	10.83	11.98	14.27	15.78	12.15	13.44	15	20	N/A	N/A
MMD018M6-1P	208/230	1.16	1.28	V1EHK01-1P	1	2.25	2.76	10.83	11.98	14.99	16.58	13.45	14.87	15	20	N/A	N/A
				V1EHK02-1P	1	3.76	4.59	18.06	19.97	24.02	26.56	20.67	22.86	25	30		
MMD024M6-1P	208/230	1.70	1.88	V1EHK01-1P	1	2.25	2.76	10.83	11.98	15.66	17.32	14.65	16.20	20	20	N/A	N/A
				V1EHK02-1P	1	3.76	4.59	18.06	19.97	24.69	27.30	21.88	24.19	25	30		
MEDIUM CABINET																	
MMD018S6-1P	208/230	1.06	1.17	V1EHK03-1P	1	3.76	4.59	18.06	19.97	23.89	26.42	20.43	22.60	25	30	N/A	N/A
MMD024S6-1P	208/230	1.15	1.27	V1EHK03-1P	1	3.76	4.59	18.06	19.97	24.01	26.55	20.65	22.83	25	30	N/A	N/A
MMD030S6-1P	208/230	2.61	3.01	V1EHK03-1P	1	3.76	4.59	18.06	19.97	25.83	28.72	23.93	26.74	30	30	N/A	N/A
				V1EHK04-1P	1	7.51	9.18	36.11	39.93	48.40	53.68	41.98	46.70	50	60		
MMD036S6-1P	208/230	3.75	4.33	V1EHK03-1P	1	3.76	4.59	18.06	19.97	27.26	30.37	26.50	29.71	30	35	N/A	N/A
				V1EHK04-1P	1	7.51	9.18	36.11	39.93	49.83	55.33	44.55	49.67	50	60		
LARGE CABINET																	
MMD048S6-1P	208/230	4.28	4.94	V1EHK05-1P	1	3.76	4.59	18.06	19.97	27.92	31.13	27.69	31.08	30	35	N/A	N/A
				V1EHK06-1P	1	7.51	9.18	36.11	39.93	50.49	56.09	45.74	51.05	60	60	N/A	N/A
				V1EHK07-1P	1	7.51	9.18	36.11	39.93	50.49	56.09	45.74	51.05	60	60	5	240
					2	3.76	4.59	18.06	19.97	22.57	24.96	18.06	19.97	25	30		

Electrical Data

DVM S (AM0**FEZDCG/AA) Models

Indoor Unit Model				Electric Heater Data						UNIT MCA (UL 60335 2-40 101.DVB.2.1) Condition C		UNIT MOP (UL 60335 2-40 101.DVB.3.1)		Braker Size		Short-Circuit Current Rating	
				Heat Kit Model	Circuit Qty.	kW		Amps		MCA (AMPS)		MOP (AMPS)		Fuse Size (AMPS)		"SCCR"	
	Volts (1ph)	208V	230V			208V	230V	208V	230V	208V	230V	208V	230V	208V	230V	kA rms symmetrical	V maximum
SMALL CABINET																	
VVCD012S6-5P	208/230	2.53	2.80	V1EHK01-1P	1	2.3	2.8	10.83	11.98	16.71	18.47	16.53	18.28	20	20	N/A	N/A
VVCD018S6-5P	208/230	2.53	2.80	V1EHK01-1P	1	2.3	2.8	10.83	11.98	16.71	18.47	16.53	18.28	20	20	N/A	N/A
				V1EHK02-1P	1	3.8	4.6	18.06	19.97	25.73	28.46	23.75	26.27	30	30		
VVCD024S6-5P	208/230	2.53	2.80	V1EHK01-1P	1	2.3	2.8	10.83	11.98	16.71	18.47	16.53	18.28	20	20	N/A	N/A
				V1EHK02-1P	1	3.8	4.6	18.06	19.97	25.73	28.46	23.75	26.27	30	30		
MEDIUM CABINET																	
VVCD030S6-5P	208/230	3.71	4.10	V1EHK03-1P	1	3.8	4.6	18.06	19.97	27.20	30.08	26.40	29.19	30	35	N/A	N/A
				V1EHK04-1P	1	7.5	9.2	36.11	39.93	49.77	55.04	44.45	49.16	50	60		
VVCD036S6-5P	208/230	3.71	4.10	V1EHK03-1P	1	3.8	4.6	18.06	19.97	27.20	30.08	26.40	29.19	30	35	N/A	N/A
				V1EHK04-1P	1	7.5	9.2	36.11	39.93	49.77	55.04	44.45	49.16	50	60		
LARGE CABINET																	
VVCD048S6-5P	208/230	5.43	6.00	V1EHK05-1P	1	3.8	4.6	18.06	19.97	29.35	32.46	30.26	33.47	30	35	N/A	N/A
				V1EHK05-1P	1	7.5	9.2	36.11	39.93	51.92	57.41	48.32	53.43	60	60	N/A	N/A
				V1EHK07-1P	1	7.5	9.2	36.11	39.93	51.92	57.41	48.32	53.43	60	60	5	240
					2	3.8	4.6	18.06	19.97	22.57	24.96	18.06	19.97	25	30	5	240
VVCD054S6-5P	208/230	5.43	6.00	V1EHK05-1P	1	3.8	4.6	18.06	19.97	29.35	32.46	30.26	33.47	30	35	N/A	N/A
				V1EHK06-1P	1	7.5	9.2	36.11	39.93	51.92	57.41	48.32	53.43	60	60	N/A	N/A
				V1EHK07-1P	1	7.5	9.2	36.11	39.93	51.92	57.41	48.32	53.43	60	60	5	240
					2	3.8	4.6	18.06	19.97	22.57	24.96	18.06	19.97	25	30	5	240
VVCD060S6-5P	208/230	5.43	6.00	V1EHK05-1P	1	3.8	4.6	18.06	19.97	29.35	32.46	30.26	33.47	30	35	N/A	N/A
				V1EHK06-1P	1	7.5	9.2	36.11	39.93	51.92	57.41	48.32	53.43	60	60	N/A	N/A
				V1EHK07-1P	1	7.5	9.2	36.11	39.93	51.92	57.41	48.32	53.43	60	60	5	240
					2	3.8	4.6	18.06	19.97	22.57	24.96	18.06	19.97	25	30	5	240
				V1EHK08-1P	1	7.5	9.2	36.11	39.93	51.92	57.41	48.32	53.43	60	60	5	240
					2	7.5	9.2	36.11	39.93	45.14	49.91	36.11	39.93	50	50	5	240
VVCD072S6-5P	208/230	6.87	7.60	V1EHK05-1P	1	3.8	4.6	18.06	19.97	31.16	34.46	33.52	37.07	35	40	N/A	N/A
				V1EHK06-1P	1	7.5	9.2	36.11	39.93	53.73	59.41	51.58	57.03	60	60	N/A	N/A
				V1EHK07-1P	1	7.5	9.2	36.11	39.93	53.73	59.41	51.58	57.03	60	60	5	240
					2	3.8	4.6	18.06	19.97	22.57	24.96	18.06	19.97	25	30	5	240
				V1EHK08-1P	1	7.5	9.2	36.11	39.93	53.73	59.41	51.58	57.03	60	60	5	240
					2	7.5	9.2	36.11	39.93	45.14	49.91	36.11	39.93	50	50	5	240