



DMVT SERIES



MULTI-POSITION, VARIABLE-SPEED, ECM-BASED AIR HANDLER WITH INTERNAL TXV COMMUNICATING 1½ TO 5 TONS

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■ Product Features

- Internal factory-installed thermal expansion valves for cooling and heat pump applications
- Variable-speed ECM blower motor
- Compatible with Daikin *One+* smart thermostat and other Daikin communicating equipment
- Auto configuration of the airflow and tonnage in communicating mode
- All-aluminum evaporator coil
- Provides constant CFM over a wide range of static pressure conditions independent of duct system
- CFM indicator
- Fault recall of six most recent faults
- Provides adjustable low CFM for efficient fan-only operation
- Improved humidity and comfort control
- Built-in compatibility with multi-stage heat pump and cooling applications
- AHRI certified; ETL listed
- UL 60335 2-40 Compliant
- Cabinet air leakage less than 2.0% at 1.0 inch H₂O when tested in accordance with ASHRAE standard 193
- Cabinet air leakage less than 1.4% at 0.5 inch H₂O when tested in accordance with ASHRAE standard 193
- 3 kW – 25 kW electric heater kits
- Horizontal or vertical configuration capabilities
- 21" depth for easier attic access
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- Screw-less sides and back helps to reduce condensation when installed in humid locations
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- Glue-less cabinet insulation retention
- Tool-less filter access



* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. Online registration and some of the additional requirements are not required in California or Québec. The duration of warranty coverage in Texas and Florida differs in some cases.

	D	M	V	T	3,6	C	P	1	4	00	B	A	
	1	2	3	4	5,6	7	8	9	10	11,12	13	14	
BRAND													MINOR REVISION
A - CORPORATE AIR HANDLER D - DAIKIN AIR HANDLER													MAJOR REVISION
APPLICATION													FACTORY INSTALLED ELECTRIC HEAT KW
C - CEILING MOUNTED M - MULTI-POSITIONAL W - WALL MOUNTED F - FIT COMPATIBLE MULTI-POSITIONAL H - HORIZONTAL DISCHARGE COMPATIBLE MULTI-POSITIONAL													00 -NO ELECTRIC HEAT
MOTOR													REFRIGERANT
S - MS-ECM V - VS-ECM COMMUNICATING													3 - R32 4 - R4 10A 6 R410A or R22
EXPANSION DEVICE													ELECTRICAL
E - ELECTRONIC EXPANSION VALVE F - FLOWRATOR T - THERMAL EXPANSION VALVE													1 208/230 V, 1 PHASE, 60 HZ
NOMINAL CAPACITY													CABINET
12 - 1.0 TON 36 - 3.0 TONS 18 - 1.5 TONS 42 - 3.5 TONS 24 - 2.0 TONS 48 - 4.0 TONS 30 - 2.5 TONS 60 - 5.0 TONS													N - UNCASED P - PAINTED U - UNPAINTED
													CABINET WIDTH
													AC* Series AM* Series AW* Series M - 43.25" B - 17.5" S - 20.2" L - 49.25" C - 21.0" L - 24.0" D - 24.5"

	H	K	T	S	D	2	5	D	1	
	1	2	3	4	5	6	7	8	9	
Unit Type										Electrical A - Single phase 208 V B - Single phase 240 V 1 - Single phase 208/240 V 3 - Three phase 208/240 V
HKTS - Electric heater Kit for air handlers										
Service Disconnect										Cabinet Size X - All Cabinets C - C Cabinet D - D Cabinet
D - Service disconnect N - No service disconnect										
										Heating Capacity @ 240 V 3 3.0 kW 10 9.6 kW 5 4.8 kW 15 14.4 kW 6 6.0 kW 19 19.2 kW with 170°F limit 8 8.0 kW 20 19.2 kW with 160°F limit 25 24.0 kW
Note: 20X3 = 18.0 kW with 160°F limit										

HEAT KIT DATA

HEATER KIT MODEL	CIRCUIT 1 (208V/240V)			CIRCUIT 2 (208V/240V)			SINGLE-POINT KIT (208V/240V)	
	HEATER AMPS	MCA ¹	MOP ²	HEATER AMPS	MCA ¹	MOP ²	MCA ¹	MOP ²
DMVT24BU1400BA	0/0	4.9/4.9	15/15	---	---	---	---	---
HKTSN03X1	10.8/12.5	18.4/20.5	20/25	---	---	---	---	---
HKTS*05X1	17.3/20.0	26.5/29.9	30/30	---	---	---	---	---
HKTSN06X1	21.7/25.0	32.0/36.1	35/40	---	---	---	---	---
HKTS*08X1	28.9/33.3	41.0/46.5	45/50	---	---	---	---	---
HKTS*10X1	34.7/40.0	48.2/54.9	50/60	---	---	---	---	---
HKTSD15XA/B	34.7/40.0	48.2/54.9	50/60	17.3/20.0	21.6/25.0	25/25	69.9/79.9	70/80
DMVT30BU1400BA	0/0	4.9/4.9	15/15	---	---	---	---	---
HKTSN03X1	10.8/12.5	18.4/20.5	20/25	---	---	---	---	---
HKTS*05X1	17.3/20.0	26.5/29.9	30/30	---	---	---	---	---
HKTSN06X1	21.7/25.0	32.0/36.1	35/40	---	---	---	---	---
HKTS*08X1	28.9/33.3	41.0/46.5	45/50	---	---	---	---	---
HKTS*10X1	34.7/40.0	48.2/54.9	50/60	---	---	---	---	---
HKTSD15XA/B	34.7/40.0	48.2/54.9	50/60	17.3/20.0	21.6/25.0	25/25	69.9/79.9	70/80
DMVT36BU1400BA	0/0	6.5/6.5	15/15	---	---	---	---	---
HKTSN03X1	10.8/12.5	20.0/22.1	20/25	---	---	---	---	---
HKTS*05X1	17.3/20.0	28.1/31.5	30/35	---	---	---	---	---
HKTSN06X1	21.7/25.0	33.6/37.8	35/40	---	---	---	---	---
HKTS*08X1	28.9/33.3	42.6/48.1	45/50	---	---	---	---	---
HKTS*10X1	34.7/40.0	49.9/56.5	50/60	---	---	---	---	---
HKTSD15XA/B	34.7/40.0	49.9/56.5	50/60	17.3/20.0	21.6/25.0	25/25	71.5/81.5	80/90
DMVT36CU1400BA	0/0	6.5/6.5	15/15	---	---	---	---	---
HKTSN03X1	10.8/12.5	20.0/22.1	20/25	---	---	---	---	---
HKTS*05X1	17.3/20.0	28.1/31.5	30/35	---	---	---	---	---
HKTSN06X1	21.7/25.0	33.6/37.8	35/40	---	---	---	---	---
HKTS*08X1	28.9/33.3	42.6/48.1	45/50	---	---	---	---	---
HKTS*10X1	34.7/40.0	49.9/56.5	50/60	---	---	---	---	---
HKTS*15X3 ^	0/0	6.5/6.5	15/15	30.0/34.6	37.5/43.3	40/45	---	---
HKTSD15XA/B	34.7/40.0	49.9/56.5	50/60	17.3/20.0	21.6/25.0	25/25	71.5/81.5	80/90
HKTSD19CA/B	34.7/40.0	49.9/56.5	50/60	34.7/40.0	43.4/50.0	45/50	93.2/106	100/110
DMVT42CU1400BA	0/0	6.5/6.5	15/15	---	---	---	---	---
HKTS*05X1	17.3/20.0	28.1/31.5	30/35	---	---	---	---	---
HKTSN06X1	21.7/25.0	33.6/37.8	35/40	---	---	---	---	---
HKTS*08X1	28.9/33.3	42.6/48.1	45/50	---	---	---	---	---
HKTS*10X1	34.7/40.0	49.9/56.5	50/60	---	---	---	---	---
HKTS*15X3 ^	0/0	6.5/6.5	15/15	30.0/34.6	37.5/43.3	40/45	---	---
HKTSD15XA/B	34.7/40.0	49.9/56.5	50/60	17.3/20.0	21.6/25.0	25/25	71.5/81.5	80/90
HKTSD19CA/B	34.7/40.0	49.9/56.5	50/60	34.7/40.0	43.4/50.0	45/50	93.2/106	100/110
DMVT48CU1400BA	0/0	6.5/6.5	15/15	---	---	---	---	---
HKTS*05X1	17.3/20.0	28.1/31.5	30/35	---	---	---	---	---
HKTSN06X1	21.7/25.0	33.6/37.8	35/40	---	---	---	---	---
HKTS*08X1	28.9/33.3	42.6/48.1	45/50	---	---	---	---	---
HKTS*10X1	34.7/40.0	49.9/56.5	50/60	---	---	---	---	---
HKTS*15X3 ^	0/0	6.5/6.5	15/15	30.0/34.6	37.5/43.3	40/45	---	---
HKTSD15XA/B	34.7/40.0	49.9/56.5	50/60	17.3/20.0	21.6/25.0	25/25	71.5/81.5	80/90
HKTSD19CA/B	34.7/40.0	49.9/56.5	50/60	34.7/40.0	43.4/50.0	45/50	93.2/106	100/110
DMVT48DU1400BA	0/0	8.6/8.6	15/15	---	---	---	---	---
HKTS*05X1	17.3/20.0	30.2/33.6	35/35	---	---	---	---	---
HKTSN06X1	21.7/25.0	35.8/39.9	40/40	---	---	---	---	---
HKTS*08X1	28.9/33.3	44.8/50.2	45/60	---	---	---	---	---
HKTS*10X1	34.7/40.0	52.0/58.6	60/60	---	---	---	---	---
HKTS*15X3 ^	0/0	8.6/8.6	15/15	30.0/34.6	37.5/43.3	40/45	---	---
HKTSD15XA/B	34.7/40.0	52.0/58.6	60/60	17.3/20.0	21.6/25.0	25/25	73.6/83.6	80/90
HKTS*20X3 ^	0/0	8.6/8.6	15/15	37.5/43.3	46.9/54.1	50/60	---	---
HKTSD20DA/B	34.7/40.0	52.0/58.6	60/60	34.7/40.0	43.4/50.0	45/50	95.3/109	100/110

See Notes on Page 7.