



***MULTI-POSITION, VARIABLE-SPEED,
ECM-BASED AIR HANDLER
WITH INTERNAL EEV
COMMUNICATING
FOR DAIKIN FIT MATCHUPS
1½ TO 5 TONS***

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■ Product Features

- Electronic Expansion Valve (EEV) for cooling and heat pump applications.
- 7mm evaporator coil tube size
- Variable-speed ECM blower motor
- Compatible with Daikin *One+* smart thermostat and other Daikin communicating equipment
- Provides constant CFM over a wide range of static pressure conditions independent of duct system
- CFM indicator
- Thermostat provides adjustable low CFM for efficient fan-only operation
- All-aluminum evaporator coil
- Fault recall of six most recent faults
- Improved humidity and comfort control
- AHRI certified; ETL listed

■ Cabinet Features

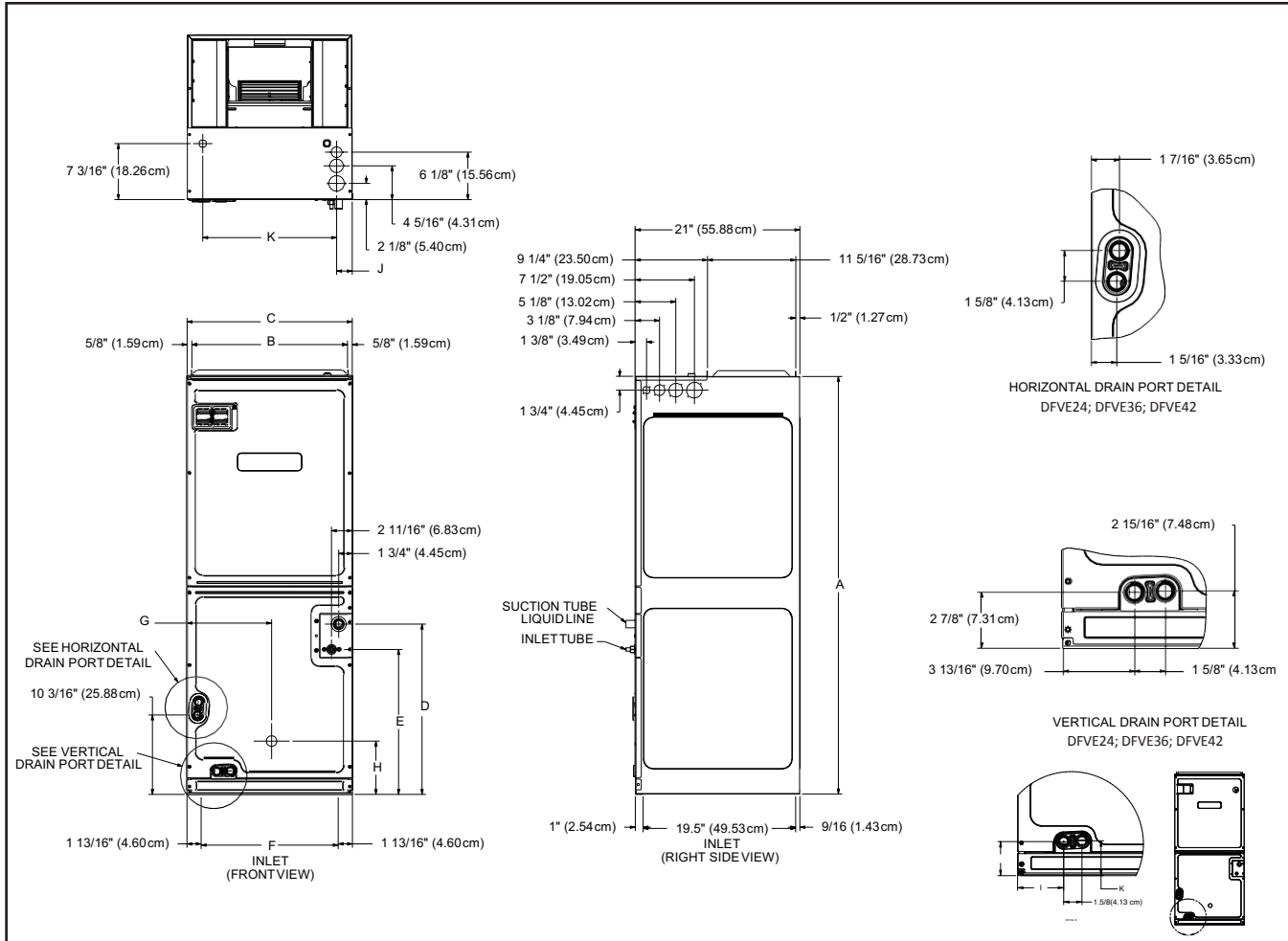
- Cabinet air leakage less than 2.0% at 1.0 inch H₂O when tested in accordance with ASHRAE standard 193
- Cabinet air leakage less than 1.4% at 0.5 inch H₂O when tested in accordance with ASHRAE standard 193
- 3 kW – 25 kW electric heater kits
- Horizontal or vertical configuration capabilities
- 21" 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



	D	F	V	E	36	B	P	1	4	00 **	A	A *	
	1	2	3	4	5,6	7	8	9	10	11,12	13	14	
Brand													Minor Rev
D - Daikin Air Handler													A
Unit Application													Major Rev
F - Fit Compatible Multi-Positional M - Multi-Positional													A
Motor													Electric Heat kW
V - VS-ECM Communicating													
Expansion Device													Refrigerant
E - Electronic Expansion Valve T - Thermal Expansion Valve													4 - R410A
Nominal Capacity Range													Electrical
12 - 1 Tons 36 - 3 Tons 18 - 1½ Tons 42 - 3½ Tons 24 - 2 Tons 48 - 4 Tons 30 - 2½ Tons 60 - 5 Tons													

MODEL	DFVE24 BP1400	DFVE36 CP1400	DFVE42 CP1400	DFVE48 DP1400	DFVE60 DP1400
NOMINAL TONS	2.0 Ton	3.0 Ton	3.5 Ton	4.0 Ton	5.0 Ton
BLOWER					
Diameter	9½"	10 ⅝"	10 ⅝"	12"	12"
Width	6"	10 ⅝"	10 ⅝"	10 ⅝"	10 ⅝"
TUBING CONNECTION					
Liquid - Refrigerant	⅜"	⅜"	⅜"	⅜"	⅜"
Suction - Refrigerant	¾"	⅞"	⅞"	⅞"	⅞"
Coil Drain Connection (NPT)	¾"	¾"	¾"	¾"	¾"
ELECTRICAL DATA					
Voltage - Phase	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Min Circuit Ampacity	4.9/4.9	6.5/6.5	6.5/6.5	6.5/6.5	6.5/6.5
Max. Overcurrent Device (amps)	15/15	15/15	15/15	15/15	15/15
Minimum VAC	197	197	197	197	197
Maximum VAC	253	253	253	253	253
Blower Motor					
FLA	3.9	5.2	5.2	5.2	5.2
HP	½	¾	¾	¾	¾
SHIP WEIGHT (LBS.)	115	140	140	150	167

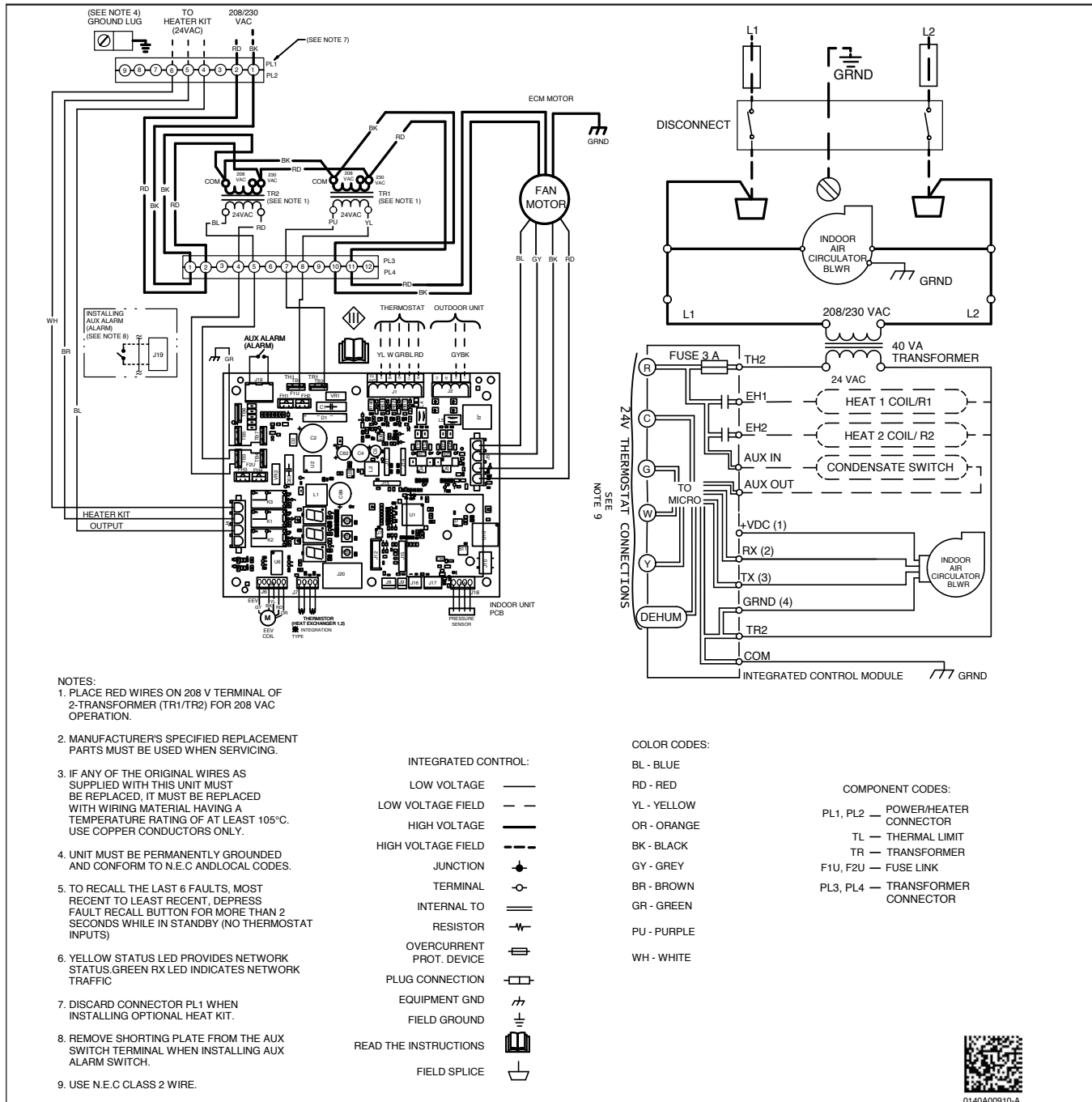
DIMENSIONS



MODEL	A	B	C	D	E	F	G	H	I	J	K
DFVE24BP1400	45	16 ³ / ₈	17 ¹ / ₂	15 ⁵ / ₈	12	14 ¹ / ₈	9	12 ³ / ₄	3 ¹³ / ₁₆	2 ⁷ / ₈	2 ¹⁵ / ₁₆
DFVE36CP1400	53 ⁷ / ₁₆	19 ⁷ / ₈	21	21 ¹³ / ₁₆	18 ⁵ / ₈	17 ¹¹ / ₁₆	10 ¹³ / ₁₆	6 ¹³ / ₁₆	3		

MODELS	CIRCUIT 1			CIRCUIT 2			SINGLE-POINT KIT	
	HEATER AMPS	MCA ¹	MOP ²	HEATER AMPS	MCA ¹	MOP ²	MCA ¹	MOP ²
DFVE24BP1400	0.0/0.0	4.9/4.9	15/15	---	---	---	---	---
HKS*03XC** (208V/240V)	10.8/12.5	18/21	20/25	---	---	---	---	---
HKS*05XC** (208V/240V)	17.3/20	27/29.9	30/30	---	---	---	---	---
HKS*06XC** (208V/240V)	21.7/25	32/36	35/40	---	---	---	---	---
HKS*08XC** (208V/240V)	28.9/33.3	41/47	45/50	---	---	---	---	---
HKS*10XC** (208V/240V)	34.7/40	48/55	50/60	---	---	---	---	---
DFVE36CP1400	0.0/0.0	6.5/6.5	15/15	---	---	---	---	---
HKS*05XC** (208V/240V)	17.3/20	28/32	30/35	---	---	---	---	---
HKS*06XC** (208V/240V)	21.7/25	34/38	35/40	---	---	---	---	---
HKS*08XC** (208V/240V)	28.9/33.3	43/48	45/50	---	---	---	---	---
HKS*10XC** (208V/240V)	34.7/40	50/57	50/60	---	---	---	---	---
HKS*15XF** (208V/240V) [^]	0.0/0.0	6.5/6.5	15/15	30/34.6	38/43	40/45	---	---
HKSC15XA** (208V)	34.7	49.8	50	17.3	21.7	25	71.5	80
HKSC15XB** (240V)	40	56.5	60	20	25	25	81.5	90
HKSC19CA** (208V)	34.7	49.8						

WIRING DIAGRAM



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

DOWNFLOW KIT

DFKE-02
DFVE24BP1400
DFVE36CP1400
DFVE42CP1400
DFVE48DP1400
DFVE60DP1400

CONDENSATE MANAGEMENT KITS*

CMK0015	CMK0016	CMK0017
DFVE24BP1400	DFVE36CP1400	DFVE60DP1400
	DFVE42CP1400	
	DFVE48DP1400	

*For Horizontal application only.

HIGH HUMIDITY KITS

HHK0001	HHK0002	HHK0003
DFVE24BP1400	DFVE36CP1400	DFVE60DP1400
	DFVE42CP1400	DFVE48DP1400

MERV 15 AIR CLEANERS

CHASSIS	DAIKIN PREMIUM AIR CLEANER	FILTER SIZE	REPLACEMENT FILTER PART #
B	DV15-2117-AB	21"x17"	0160M00013
C	DV15-2121-AC	21"x21"	0160M00014
D	DV15-2124-AD	21"x24"	0160M00015

PERMANENT 1" FILTERS

CHASSIS	PART#	SIZE
B	ALFH16201E	16.0" x 20.0"
C	ALFH1912201E	19.5" x 20.0"
D	ALFH20231E	23.0" x 20.0"

SINGLE POINT KIT **

MODEL	HKR-15C	HKR-20C	HKR-21C
SPW-01			

** Must be installed along with any of the above compatible heat kits. This kit will fit any DFVE air handler as long as a compatible heat kit is installed in the unit.

15" SINGLE LAMP UV COIL PURIFIER

