



DFVE* (115V)



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

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R32

■ 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
- UL 60335 2-40 Compliant
- Factory installed R-32 sensor designed for the lifespan of the coil
- Optimized for use with R-32 refrigerant
- 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
- 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

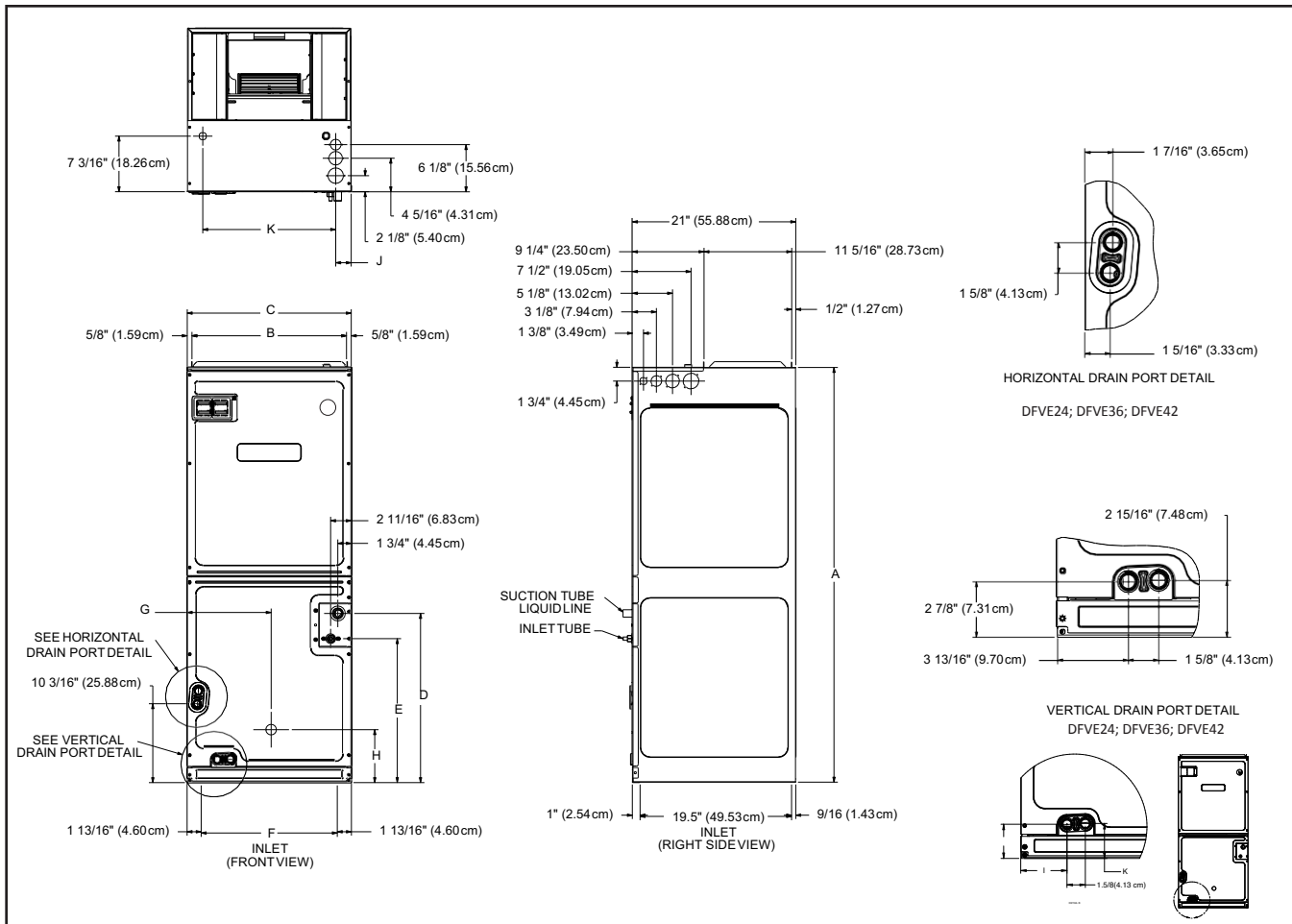


* Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Additional requirements for annual maintenance are required for the Unit Replacement Limited Warranty. 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	F	V	E	6,0	D	P	0	3	00	B	A	
	1	2	3	4	5,6	7	8	9	10	11,12	13	14	
MINOR REVISION													
BRAND													
A - CORPORATE AIR HANDLER													
D - DAIKIN AIR HANDLER													
MAJOR REVISION													
APPLICATION													
C - CEILING MOUNTED													
M - MULTI-POSITIONAL													
W - WALL MOUNTED													
F - FIT COMPATIBLE MULTI-POSITIONAL													
H - HORIZONTAL DISCHARGE COMPATIBLE													
MULTI-POSITIONAL													
FACTORY INSTALLED ELECTRIC HEAT KW													
00 -NO ELECTRIC HEAT													
REFRIGERANT													
3 - R-32													
MOTOR													
S - MS-ECM													
V - VS-ECM COMMUNICATING													
ELECTRICAL													
0-115V, 1PHASE 60HZ													
1 - 208/230V, 1 PHASE, 60 HZ													
CABINET													
N - UNCASED													
P - PAINTED													
U - UNPAINTED													
CABINET WIDTH													
AC* Series													
M - 43.25"													
L - 49.25"													
AM* Series													
B - 17.5"													
C -21.0"													
D - 24.5"													
AW* Series													
S - 20.2"													
L - 24.0"													
NOMINAL CAPACITY													
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												

MODEL	DFVE24 BP0300	DFVE36 CP0300	DFVE42 CP0300	DFVE48 CP0300	DFVE48 DP0300	DFVE60 DP0300
NOMINAL TONS	2.0Ton	3.0Ton	3.5Ton	4.0Ton	4.0Ton	5.0Ton
BLOWER						
Diameter	9½"	10⅝"	10⅝"	12"	12"	12"
Width	6"	10⅝"	10⅝"	10⅝"	10⅝"	10⅝"
TUBING CONNECTION						
Liquid - Refrigerant	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction - Refrigerant	¾"	⅞"	⅞"	⅞"	⅞"	⅞"
Coil Drain Connection (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
ELECTRICAL DATA						
Voltage - Phase	115-1	115-1	115-1	115-1	115-1	115-1
Min Circuit Ampacity	7.1	10.4	10.4	10.4	10.4	13.4
Max. Overcurrent Device (amps)	15	15	15	15	15	20
Minimum VAC	103	103	103	103	103	103
Maximum VAC	126	126	126	126	126	126
Blower Motor						
FLA	5.7	8.3	8.3	8.3	8.3	10.7
HP	½	¾	¾	¾	¾	1
SHIP WEIGHT (LBS.)	115	140	140	148	150	167

DIMENSIONS



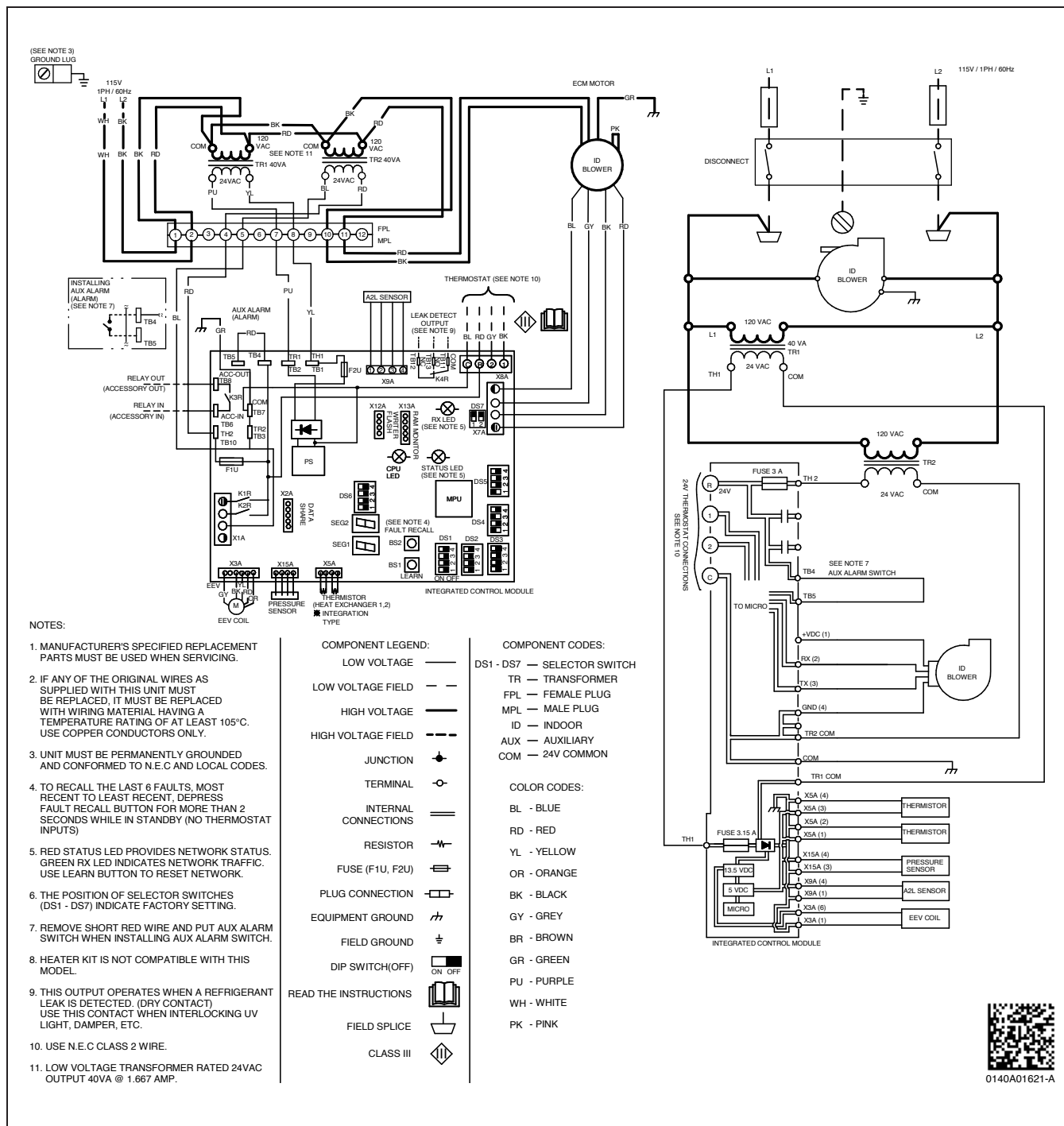
MODEL	A	B	C	D	E	F	G	H	I	J	K
DFVE24BP0300	45	16 ³ / ₈	17 ¹ / ₂	15 ⁵ / ₈	12	14 ¹ / ₈	9	12 ³ / ₄	3 ¹³ / ₁₆	2 ⁷ / ₈	2 ¹⁵ / ₁₆
DFVE36CP0300	53 ⁷ / ₁₆	19 ⁷ / ₈	21	21 ¹³ / ₁₆	18 ⁵ / ₈	17 ¹¹ / ₁₆	10 ¹³ / ₁₆	6 ¹³ / ₁₆	3 ¹³ / ₁₆	2 ⁷ / ₈	2 ¹⁵ / ₁₆
DFVE42CP0300	53 ⁷ / ₁₆	19 ⁷ / ₈	21	21 ¹³ / ₁₆	18 ⁵ / ₈	17 ¹¹ / ₁₆	10 ¹³ / ₁₆	6 ¹³ / ₁₆	3 ¹³ / ₁₆	2 ⁷ / ₈	2 ¹⁵ / ₁₆
DFVE48CP0300	58	19 ¹³ / ₁₆	21	26 ³ / ₁₆	22 ¹⁵ / ₁₆	14 ¹⁰ / ₁₆	10 ¹³ / ₁₆	6 ¹³ / ₁₆	3 ¹³ / ₁₆	2	17 ⁷ / ₈
DFVE48DP0300	53 ⁷ / ₁₆	23 ⁵ / ₁₆	24 ¹ / ₂	21 ¹ / ₂	18 ⁵ / ₁₆	21 ³ / ₁₆	12 ⁵ / ₈	6 ⁷ / ₈	4	3	3 ³ / ₃₂
DFVE60DP0300	58	23 ⁵ / ₁₆	24 ¹ / ₂	26 ³ / ₈	22 ⁷ / ₈	21 ³ / ₁₆	12 ⁵ / ₁₆	13 ³ / ₄	4	3	3 ³ / ₃₂

RATED INDOOR AIRFLOW RATE [SCFM]

		STATIC PRESSURE [WC]								
ID UNIT	OD UNIT	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
DFVE24BP0300	DH6VSA1810A*	610	610	610	610	610	610	610	610	610
	DH6VSA2410A*	800	800	800	800	800	800	800	800	800
DFVE36CP0300	DH7VSA2410A*	800	800	800	800	800	800	800	800	800
	DH6VSA3010A*	1010	1010	1010	1010	1010	1010	1010	1010	1010
	DH6VSA3610A*	1260	1260	1260	1260	1260	1260	1260	1260	1260
DFVE42CP0300	DH6VSA3610A* DH7VSA3610A*	1260	1260	1260	1260	1260	1260	1260	1260	1260
	DH6VSA4210A*	1320	1320	1320	1320	1320	1320	1320	1320	1320
DFVE48CP0300	DH7VSA3610A*	1260	1260	1260	1260	1260	1260	1260	1260	1260
	DH6VSA4210A*	1320	1320	1320	1320	1320	1320	1320	1320	1320
	DH6VSA4810A*	1380	1380	1380	1380	1380	1380	1380	1380	1380
DFVE48DP0300	DH7VSA3610A*	1260	1260	1260	1260	1260	1260	1260	1260	1260
	DH6VSA4210A*	1320	1320	1320	1320	1320	1320	1320	1320	1320
	DH6VSA4810A*	1380	1380	1380	1380	1380	1380	1380	1380	1380
DFVE60DP0300	DH7VSA3610A*	1260	1260	1260	1260	1260	1260	1260	1260	1260
	DH6VSA4210A* DH7VSA4210A*	1320	1320	1320	1320	1320	1320	1320	1320	1320
	DH6VSA4810A* DH7VSA4810A*	1380	1380	1380	1380	1380	1380	1380	1380	1380
	DH6VSA6010A*	1640	1640	1640	1640	1640	1640	1640	1640	1640

*The chart is for information only. For satisfactory operation, external static pressure must not exceed 0.5 wc.

*Unit may provide different SCFM during electrical heater operation. See IO manual for the airflow rate.



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



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
DFVE24BP0300
DFVE36CP0300
DFVE42CP0300
DFVE48CP0300
DFVE48DP0300
DFVE60DP0300

*CONDENSATE MANAGEMENT KITS**

CMK0015	CMK0016	CMK0017
DFVE24BP0300	DFVE36CP0300	DFVE48DP0300
	DFVE42CP0300	DFVE60DP0300
	DFVE48CP0300	

*For Horizontal application only.

HIGH HUMIDITY KITS

HHK0001	HHK0002	HHK0003	HHK0011
DFVE24BP0300	DFVE36CP0300	DFVE60DP0300	DFVE48CP0300
	DFVE42CP0300	DFVE48DP0300	

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"

15" SINGLE LAMP UV COIL PURIFIER

MODEL	LAMP	POWER MOD	REM CORD
UC18S15-24	UCP-16013	UCP-16015	UCP-16016
UC18S15-24B	UCP-16012	UCP-16014	UCP-16016

