

DC Inverter Ductless Split Air Conditioning

9,000 - 24,000 BTU

APPLICATION:

Ductless split units are ideal for applications like home additions, small offices and multi-family condominiums where ductwork and large cooling systems are not practical.

PERFORMANCE:

- Efficiency rating of 18-22 SEER
- Cooling capacities from 9,000 to 24,000 BTU

WARRANTY:

- Limited 2-year warranty on all parts
- Limited 5-year warranty on sealed system

FEATURES:

- Inverter technology
- Energy Star
- Whisper-quiet operation
- Electronic controls with remote
- 24-hour programmable timer
- 3 cooling & 3 fan speeds with full-function LCD remote
- Oscillating or stationary air direction
- Dehumidifying mode
- Dry anti-mold control design
- Healthy filters (photo catalytic, active carbon static fiber)
- Quick-access, washable air filter
- Intelligent preheating
- Corrosion resistant cabinet
- Requires no window space for installation



All product specifications reflect available information at the printing of this brochure.
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Product Specifications – Fedders Ductless Split Heat Pump

Model Number	9K Btu/h	12K Btu/h	18K Btu/h	24K Btu/h
Indoor Unit	FESI-HHD009-H15D	FESI-HHD012-H15D	FESI-HHD018-H12D	FESI-HHD024-H12D
Outdoor Unit	FEAU-YHD009-H15D	FEAU-YHD012-H15D	FEAU-YHD018-H12D	FEAU-YHD024-H12D
Voltage/Phase/Frequency	115V / 1Ph / 60 Hz	115V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz
Frequency Cooling (Hz)	15~70	15~80	15~70	15~80
Frequency Heating (Hz)	15~63	15~75	15~100	15~100
Performance Data	9K Btu/h	12K Btu/h	18K Btu/h	24K Btu/h
Cooling Capacity (Btu/H) (Standard)	9,000	12,000	18,000	21,500
Cooling Capacity Range (Btu/H)	4,435~10,600	4,500~14,000	6,000~22,350	9,600~25,000
Heating Capacity (Btu/H) (Standard)	9,500	13,000	25,000	26,000
Heating Capacity Range (Btu/H)	3,200~11,100	3,250~14,500	4,100~25,000	4,300~26,000
SEER/HSPF	22.8 / 9.8	20.6 / 9.6	18.0 / 8.8	18.0 / 8.8
EER / C.O.P	13.6 / 13.6	11.9 / 10.9	11.9 / 9.2	11.9 / 9.5
Cooling Amps/Watts (High)	14.0 / 1,050.0	14.0 / 1,000.0	12.0 / 2,650.0	12.0 / 2,650.0
Heating Amps/Watts (High)	15.0 / 1,100.0	15.0 / 1,500.0	12.6 / 2,750.0	12.5 / 2,750.0
Max Fuse/Breaker (A) Indoor/Outdoor	15 / 25	15 / 25	15 / 25	15 / 25
Moisture Removal (Liter/H)	0.8	1.2	2.0	2.5
Air Circulation Range (CFM)	218~330	218~300	324~500	353~559
Indoor Sound Level Range (dba)	36~44	36~46	45~56	45~58
Refrigerant System	9K Btu/h	12K Btu/h	18K Btu/h	24K Btu
Refrigerant Type	R-410A	R-410A	R-410A	R-410A
Refrigerant Charge (oz)	42.3	45.9	51.1	63.5
Operating Range (°F) - Cooling	41~115	41~115	41~115	41~115
Operating Range (°F) - Heating	5~86	5~86	5~86	5~86
Connection Type	Flare	Flare	Flare	Flare
Liquid Line - OD	1/4"	1/4"	1/4"	1/4"
Suction Line - OD	3/8"	3/8"	1/2"	5/8"
Max Line Length	65.6'	65.6'	98.4'	98.4'
Max Height Difference	32.8'	32.8'	49.2'	49.2'
Dimensions and Weights	9K Btu/h	12K Btu/h	18K Btu/h	24K Btu/h
Indoor Unit Dimensions W" x H" x D"	33.27 x 10.83 x 7.09	33.27 x 10.83 x 7.09	37.01 x 11.73 x 7.87	39.69 x 12.40 x 8.62
Indoor Shipping Dimensions W" x H" x D"	36.02 x 13.98 x 10.04	36.02 x 13.98 x 10.04	39.76 x 14.96 x 11.22	42.24 x 15.55 x 12.32
Indoor Net Weight/Shipping Weight (lbs)	24/31	24/31	29/37	35/46
Outdoor Unit Dimensions W" x H" x D"	33.39 x 12.60 x 21.26	33.39 x 12.60 x 21.26	35.04 x 27.56 x 13.39	36.22 x 31.10 x 14.57
Outdoor Shipping Dimensions W" x H" x D"	34.57 x 14.17 x 22.83	34.57 x 14.17 x 22.83	40.55 x 18.11 x 28.94	41.93 x 19.09 x 33.07
Outdoor Net Weight/Shipping Weight (lbs)	79/90	88/97	110/121	119/132

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