

## 4.1.2 FAA

## Wall Mounted Type

Model	Indoor unit		FAA18AAVJU	FAA24AAVJU
	Outdoor unit		RZA18AAVJU	RZA24AAVJU
Power supply			1 phase, 208/230 V, 60 Hz	1 phase, 208/230 V, 60 Hz
Cooling capacity ★1, ★4		Btu/h (kW)	18,000 (5.3)	24,000 (7.0)
Heating capacity ★2, ★4		Btu/h (kW)	20,000 (5.9)	27,000 (7.9)
Heating capacity ★3, ★4		Btu/h (kW)	13,800 (4.0)	20,000 (5.9)
EER2 (rated)		Btu/h-W	12.8	11.4
SEER2 (rated)			17.8	18.2
HSPF2 (rated)			7.6	7.8
Indoor unit			FAA18AAVJU	FAA24AAVJU
Casing/Color			Fresh white (6.5Y9.5/0.5)	Fresh white (6.5Y9.5/0.5)
Dimensions	H × W × D	in. (mm)	11-5/8 × 44-1/8 × 9-3/4 (295 × 1,120 × 247)	11-5/8 × 44-1/8 × 9-3/4 (295 × 1,120 × 247)
Coil	Type		Cross fin coil	Cross fin coil
	Type		Cross flow fan	Cross flow fan
Fan	Motor output		W	58
	Airflow rate (H / M / L)	Cooling	cfm (m <sup>3</sup> /min)	512 / 423 / 353 (14.5 / 12.0 / 10.0)
		Heating	cfm (m <sup>3</sup> /min)	512 / 476 / 423 (14.5 / 13.5 / 12.0)
	External static pressure		in. H <sub>2</sub> O	—
Air filter			Resin net (washable)	Resin net (washable)
Weight		lbs (kg)	35.3 (16)	35.3 (16)
Piping connections	Liquid	in. (mm)	φ3/8 (φ9.5) (flare connection)	φ3/8 (φ9.5) (flare connection)
	Gas	in. (mm)	φ5/8 (φ15.9) (flare connection)	φ5/8 (φ15.9) (flare connection)
	Drain	in. (mm)	External Dia. φ5/8 (φ16)	External Dia. φ5/8 (φ16)
Remote controller (accessory)	Wired		BRC1NRV71	BRC1NRV71
	Wireless		—	—
Outdoor unit			RZA18AAVJU	RZA24AAVJU
Casing/color			Ivory white	Ivory white
Dimensions	H × W × D	in. (mm)	34-1/4 × 43-5/16 × 18-1/8 (870 × 1,100 × 460)	34-1/4 × 43-5/16 × 18-1/8 (870 × 1,100 × 460)
Coil	Type		Cross fin coil	Cross fin coil
	Type		Hermetically sealed swing type	Hermetically sealed swing type
Compressor	Motor output		kW	1.9
	Motor output		kW	2.4
Fan	Type		Propeller fan	Propeller fan
	Motor output		W	234
	Airflow rate		cfm (m <sup>3</sup> /min)	3,000 (85)
Weight		lbs (kg)	234 (106)	234 (106)
Piping connections	Liquid	in. (mm)	φ3/8 (φ9.5) (flare connection)	φ3/8 (φ9.5) (flare connection)
	Gas	in. (mm)	φ5/8 (φ15.9) (flare connection)	φ5/8 (φ15.9) (flare connection)
	Drain	in. (mm)	φ1 (φ26) (hole)	φ1 (φ26) (hole)
Safety devices			High pressure switch, Outdoor fan driver overload protector, Inverter overload protector, Fusible plug, Fuse, Bimetal thermostat (external overload relay)	High pressure switch, Outdoor fan driver overload protector, Inverter overload protector, Fusible plug, Fuse, Bimetal thermostat (external overload relay)
Capacity step		%	14 - 100	14 - 100
Refrigerant control			Electronic expansion valve	Electronic expansion valve
Ref. piping	Standard length		ft (m)	25 (7.6)
	Max. length		ft (m)	230 (70)
	Max. height difference		ft (m)	98 (30)
Refrigerant	Type		R32	R32
	Charge		lbs (kg)	7.5 (3.4)
Ref. oil	Type		DAPHNE FW68DE	DAPHNE FW68DE
	Charge		L	1.52

## Notes:

- ★1. Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / Outdoor temp.: 95°FDB (35.0°CDB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
- ★2. Indoor temp.: 70°FDB (21.1°CDB) / Outdoor temp.: 47°FDB (8.3°CDB), 43°FWB (6.1°CWB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
- ★3. Indoor temp.: 70°FDB (21.1°CDB) / Outdoor temp.: 17°FDB (-8.3°CDB), 15°FWB (-9.4°CWB) / Equivalent piping length: 25 ft. (7.6 m), height difference: 0 ft. (0 m).
- ★4. Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

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