

## Technical parameters model: FAD-12

Heating capacity (A7/W35)	kW	32,8
Heating power input (A7/W35)	kW	6,99
COP (A7/W35)		4,69
Heating capacity (A7/W55)	kW	27,8
Heating power input (A7/W55)	kW	10,1
COP (A7/W55)		2,75
Heating capacity (A2/W35)	kW	29,2
Heating power input (A2/W35)	kW	6,83
COP (A2/W35)		4,28
Heating capacity (A2/W55)	kW	26,2
Heating power input (A2/W55)	kW	9,69
COP (A2/W55)		2,70
Heating capacity (A-7/W35)	kW	23,6
Heating power input (A-7/W35)	kW	6,64
COP (A-7/W35)		3,55
Heating capacity (A-7/W55)	kW	19,6
Heating power input (A-7/W55)	kW	9,78
COP (A-7/W55)		2,00
Heating capacity (A-15/W35)	kW	19,1
Heating power input (A-15/W35)	kW	6,85
COP (A-15/W35)		2,79
Heating capacity (A-15/W55)	kW	17,7
Heating power input (A-15/W55)	kW	10,38
COP (A-15/W55)		1,71
Cooling capacity (A35/W7)	kW	27,1
Cooling power input (A35/W7)	kW	8,38
EER (A35/W7)		3,23
Operating ambient temperature		.+43 ~ --25
Max. water temp.	°C	4,30

Rated water temp.	°C	34
water flow	m3/h	210
pressure drop	Kpa	230
Net weight	kg	58
Gross weight	kg	230
Noise	dB(A)	58
Pipe connection	mm	1-1/4 inch
Power supply		380V/3PH/50Hz
Net size	mm	1300*480*1400
Package size	mm	1390*550*1540
Compressor	brand	Mitsubishi
	quantity	1
Condenser		plate heat exchanger
Evaporator		Louverd & hydrophilic fin-tubes
4-way valve		Yes
Flow switch		Yes
Circulation pump		Built-in energy clasee A water pump
Expansion valve		Electionic expansion valve
DC Fan motor		170W * 2
High pressure switch		4.2/3.6MPa
Low pressure switch		0.02/0.15MPa
Working mode		cooling, heating, hot water, cooling + hot water, heating + hot water
Refrigerant		R32/ R410A