

				FWR02AT	FWR03AT	FWR06AT	FWR08AT
Water pressure drop	Cooling		kPa	20 (4)	29 (4)	24 (4)	25 (4)
	Heating		kPa	16 (4)	23 (4)	19 (4)	20 (4)
Control systems	Wired remote control			FWEC3A	FWEC3A	FWEC3A	FWEC3A
Water flow	Heating		l/h	454 (4)	853 (4)	1,084 (4)	1,728 (4)
	Cooling		l/h	454 (4)	853 (4)	1,084 (4)	1,728 (4)
Fan motor	Model			Permanent magnet rotor, F class insulation, electronic overload protection	Permanent magnet rotor, F class insulation, electronic overload protection	Permanent magnet rotor, F class insulation, electronic overload protection	Permanent magnet rotor, F class insulation, electronic overload protection
Cooling capacity	Total capacity	Min.	kW	0.61 (1)	0.88 (1)	1.19 (1)	1.79 (1)
		Max.	kW	2.64 (1)	4.96 (1)	6.32 (1)	10.08 (1)
	Sensible capacity	Min.	kW	0.41 (1)	0.58 (1)	0.79 (1)	1.20 (1)
		Max.	kW	1.95 (1)	3.60 (1)	4.80 (1)	7.43 (1)
Heat exchanger	Water volume		l	0.7	1	1.4	2.1
	Fin pitch		mm	1.6	1.6	1.6	2.1
	Stages		Quantity	10	10	10	12
	Rows		Quantity	3	3	3	3
	Face area		m <sup>2</sup>	0.086	0.138	0.191	0.292
	Piping connections	Water		Outlet	1/2"	1/2"	1/2"
			Inlet	1/2"	1/2"	1/2"	3/4"
Power input	Min.		W	2.2	2.2	3.4	4.2
	Max.		W	57.4	82.7	101.4	147
Sound power level	Max.		dB(A)	62	70	64	71
	Min.		dB(A)	28	28	28	28
Air filter	Type			Plastic	Plastic	Plastic	Plastic
Dimensions	Unit	Width	mm	774	987	1,194	1,404
		Depth	mm	226	226	226	251
		Height	mm	564	564	564	564
Casing	Colour			Plastic and metal RAL9010	Plastic and metal RAL9010	Plastic and metal RAL9010	Plastic and metal RAL9010
	Material			Plastic + sheet metal	Plastic + sheet metal	Plastic + sheet metal	Plastic + sheet metal
Weight	Unit		kg	21	27	33	44
Fan	Air flow rate	Max.	m <sup>3</sup> /h	560 (3)	900 (3)	1,200 (3)	1,660 (3)
		Min.	m <sup>3</sup> /h	70 (3)	95 (3)	130 (3)	200 (3)
	Quantity			1	2	2	2
	Type			Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction
Heating capacity	2-Pipe	Max.	kW	3.47 (2)	6.40 (2)	7.51 (2)	11.18 (2)
		Min.	kW	0.69 (2)	0.95 (2)	1.29 (2)	1.92 (2)
Vibration insulation				Rubber ring for fan motor	Rubber ring for fan motor	Rubber ring for fan motor	Rubber ring for fan motor
Insulation material				Class 1 self-extinguishing	Class 1 self-extinguishing	Class 1 self-extinguishing	Class 1 self-extinguishing
Template				FCU	FCU	FCU	FCU
Current input	Min.		A	0.05	0.05	0.07	0.09
	Max.		A	0.50	0.72	0.88	1.27
Required wire section	mm <sup>2</sup>			1	1	1	1
Required fuses	A			1	1	2	2
Power supply	Frequency		Hz	50	50	50	50
	Voltage		V	230	230	230	230
	Phase			1~	1~	1~	1~
Notes				Cooling: 2 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C	Cooling: 2 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C	Cooling: 2 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C	Cooling: 2 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C
				Heating: 2 pipe: air 20°CDB, entering water 50°C, water flow as per cooling mode	Heating: 2 pipe: air 20°CDB, entering water 50°C, water flow as per cooling mode	Heating: 2 pipe: air 20°CDB, entering water 50°C, water flow as per cooling mode	Heating: 2 pipe: air 20°CDB, entering water 50°C, water flow as per cooling mode
				Air flow at 0Pa ESP	Air flow at 0Pa ESP	Air flow at 0Pa ESP	Air flow at 0Pa ESP
				Water flow rate values and water pressure drop values are at maximum speed	Water flow rate values and water pressure drop values are at maximum speed	Water flow rate values and water pressure drop values are at maximum speed	Water flow rate values and water pressure drop values are at maximum speed
				The power consumption for the valve motor is 5W (peak). This is only during opening.	The power consumption for the valve motor is 5W (peak). This is only during opening.	The power consumption for the valve motor is 5W (peak). This is only during opening.	The power consumption for the valve motor is 5W (peak). This is only during opening.

				FWR02AF	FWR03AF	FWR06AF	FWR08AF
Water pressure drop	Cooling		kPa	20 (4)	29 (4)	24 (4)	25 (4)
	Heating		kPa	11 (4)	9 (4)	14 (4)	45 (4)
Control systems	Wired remote control			FWEC3A	FWEC3A	FWEC3A	FWEC3A
Water flow	Heating		l/h	216 (4)	367 (4)	565 (4)	882 (4)
	Cooling		l/h	454 (4)	853 (4)	1,084 (4)	1,728 (4)
Fan motor	Model			Permanent magnet rotor, F class insulation, electronic overload protection	Permanent magnet rotor, F class insulation, electronic overload protection	Permanent magnet rotor, F class insulation, electronic overload protection	Permanent magnet rotor, F class insulation, electronic overload protection
Cooling capacity	Total capacity	Min.	kW	0.60 (1)	0.88 (1)	1.19 (1)	1.79 (1)
		Max.	kW	2.64 (1)	4.96 (1)	6.32 (1)	10.08 (1)
	Sensible capacity	Min.	kW	0.40 (1)	0.58 (1)	0.79 (1)	1.20 (1)
		Max.	kW	1.95 (1)	3.60 (1)	4.80 (1)	7.43 (1)
Heat exchanger	Water volume		l	0.7	1	1.4	2.1
	Fin pitch		mm	1.6	1.6	1.6	2.1
	Stages		Quantity	10	10	10	12
	Rows		Quantity	3	3	3	3
	Face area		m <sup>2</sup>	0.086	0.138	0.191	0.292
Additional heat exchanger	Fin pitch		mm	1.6	1.6	1.6	1.6
	Face area		m <sup>2</sup>	0.068	0.110	0.152	0.243
	Water volume		l	0.2	0.3	0.4	0.6
	Stages		Quantity	8	8	8	10
	Rows		Quantity	1	1	1	1
Piping connections	Water		Outlet	1/2"	1/2"	1/2"	3/4"
			Inlet	1/2"	1/2"	1/2"	3/4"
Power input	Min.		W	2.2	2.2	3.24	4.2
	Max.		W	57.4	82.7	101.4	147
Sound power level	Max.		dBA	62	70	64	71
	Min.		dBA	28	28	28	28
Air filter	Type			Plastic	Plastic	Plastic	Plastic
Dimensions	Unit	Width	mm	774	987	1,194	1,404
		Depth	mm	226	226	226	251
		Height	mm	564	564	564	564
Casing	Colour			Plastic and metal RAL9010	Plastic and metal RAL9010	Plastic and metal RAL9010	Plastic and metal RAL9010
	Material			Plastic + sheet metal	Plastic + sheet metal	Plastic + sheet metal	Plastic + sheet metal
Weight	Unit		kg	22	28	35	46
Fan	Air flow rate	Max.	m <sup>3</sup> /h	560 (3)	900 (3)	1,200 (3)	1,660 (3)
		Min.	m <sup>3</sup> /h	70 (3)	95 (3)	130 (3)	200 (3)
	Quantity			1	2	2	2
		Type			Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction
Heating capacity	4-Pipe	Max.	kW	2.46 (2)	4.19 (2)	6.45 (2)	10.06 (2)
		Min.	kW	0.82 (2)	1.18 (2)	1.76 (2)	2.83 (2)
Vibration insulation				Rubber ring for fan motor	Rubber ring for fan motor	Rubber ring for fan motor	Rubber ring for fan motor
Insulation material				Class 1 self-extinguishing	Class 1 self-extinguishing	Class 1 self-extinguishing	Class 1 self-extinguishing
Template				FCU	FCU	FCU	FCU
Current input	Min.		A	0.05	0.05	0.07	0.09
	Max.		A	0.50	0.72	0.88	1.27
Required wire section			mm <sup>2</sup>	1	1	1	1
Required fuses			A	1	1	2	2
Power supply	Frequency		Hz	50	50	50	50
	Voltage		V	230	230	230	230
	Phase			1~	1~	1~	1~

Notes				Cooling: 4 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C	Cooling: 4 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C	Cooling: 4 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C	Cooling: 4 pipe: air 27°CDB, 19°CWB; entering water 7°C; leaving water 12°C
				Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C	Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C	Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C	Heating: 4 pipe: air 20°CDB; entering water 70°C; leaving water 60°C
				Air flow at 0Pa ESP	Air flow at 0Pa ESP	Air flow at 0Pa ESP	Air flow at 0Pa ESP
				Water flow rate values and water pressure drop values are at maximum speed	Water flow rate values and water pressure drop values are at maximum speed	Water flow rate values and water pressure drop values are at maximum speed	Water flow rate values and water pressure drop values are at maximum speed
				The power consumption for the valve motor is 5W (peak). This is only during opening.	The power consumption for the valve motor is 5W (peak). This is only during opening.	The power consumption for the valve motor is 5W (peak). This is only during opening.	The power consumption for the valve motor is 5W (peak). This is only during opening.