				FWL01DATN6V3/TV6V3	FWL02DATN6V3/TV6V3	FWL03DATN6V3/TV6V3	FWL04DATN6V3/TV6V3	FWL06DATN6V3/TV6V3	FWL08DATN6V3/TV6V3	FWL10DATN6V3/TV6V3
Water pressure drop	Cooling		kPa	13	13	11	12	14	12	19
	Heating		kPa	9	11	9	9	10	9	16
Sound power level	High		dBA	45	50	47	52	56	58	64
	Low		dBA	33	38	33	35	43	44	48
	Nom.		dBA	39	44	41	43	49	51	57
Air filter	Type			Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Dimensions	Unit	Width	mm	774	774	984	1,194	1,194	1,404	1,404
		Depth	mm	226	226	226	226	226	251	251
		Height	mm	564	564	564	564	564	564	564
Water connections	Std. heat exchanger		inch	1/2	1/2	1/2	1/2	1/2	3/4	3/4
Water flow	Heating		l/h	265	359	504	745	820	1,154	1,343
	Cooling		l/h	265	359	504	745	820	1,154	1,343
Casing	Colour			Plastic and metal RAL9010	Plastic and metal RAL9010	Plastic and metal RAL9010	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	Plastic + sheet metal	Plastic + sheet metal	Plastic + sheet metal
Fan motor	Speed		Steps	3 (high, medium, low)	3 (high, medium, low)	3 (high, medium, low)	3 (high, medium, low)	3 (high, medium, low)	3 (high, medium, low)	3 (high, medium, low)
	Model			Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out
Weight	Unit		kg	20	21	27	32	33	44	44
Fan	Air flow rate	Medium	m³/h	233	271	341	497	605	771	1,022
		Low	m³/h	178	211	241	361	470	570	642
		High	m³/h	319	344	442	706	785	1,011	1,393
	Quantity			1	1	2	2	2	2	2
	Type			Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction
Cooling capacity	Total capacity	Nom.	kW	1.24 (1)	1.81 (1)	2.38 (1)	3.27 (1)	3.87 (1)	5.27 (1)	6.24 (1)
		High	kW	1.54 (1)	2.09 (1)	2.93 (1)	4.33 (1)	4.77 (1)	6.71 (1)	8.02 (1)
		Low	kW	1.04 (1)	1.45 (1)	1.76 (1)	2.51 (1)	3.17 (1)	3.97 (1)	4.11 (1)
	Sensible capacity	Low	kW	0.79 (1)	1.05 (1)	1.26 (1)	1.80 (1)	2.32 (1)	2.84 (1)	3.05 (1)
		High	kW	1.20 (1)	1.51 (1)	2.11 (1)	3.15 (1)	3.65 (1)	4.91 (1)	5.96 (1)
		Nom.	kW	0.97 (1)	1.31 (1)	1.70 (1)	2.45 (1)	2.92 (1)	3.83 (1)	4.63 (1)
Heat exchanger	Water volume		l	0.5	0.7	1	1.4	1.4	2.1	2.1
	Rows		Quantity	2	3	3	3	3	3	3
	Face area		m²	0.086	0.086	0.138	0.191	0.191	0.292	0.292
	Fin pitch		mm	1.8	1.6	1.6	1.8	1.6	2.1	2.1
	Stages		Quantity	10	10	10	10	10	12	12
Heating capacity	2-Pipe	Low	kW	1.43 (2)	1.79 (2)	2.28 (2)	3.29 (2)	4.24 (2)	4.77 (2)	5.24 (2)
		Medium	kW	1.73 (2)	2.18 (2)	3.08 (2)	4.30 (2)	5.21 (2)	6.23 (2)	7.80 (2)
		High	kW	2.14 (2)	2.57 (2)	3.81 (2)	5.63 (2)	6.36 (2)	7.83 (2)	10.03 (2)
Power input	Nom.		W	28	36	43	61	68	104	130
	Low		W	21	24	29	38	47	76	90
	High		W	37	53	56	98	98	137	175
Vibration insulation				Rubber ring for fan motor	Rubber ring for fan motor	Rubber ring for fan motor	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	Class 1 self-extinguishing	Class 1 self-extinguishing	Class 1 self-extinguishing
Template				FCU	FCU	FCU	FCU	FCU	FCU	FCU
Current input	High		A	0.17	0.24	0.25	0.44	0.43	0.60	0.76
	Medium		A	0.13	0.16	0.20	0.29	0.31	0.46	0.58
	Low		A	0.10	0.11	0.14	0.19	0.22	0.34	0.41
Required wire section	mm²			1	1	1	1	1	1	1
Required fuses	A			0.5	0.5	0.5	0.5	0.5	1	2
Power supply	Frequency		Hz	50	50	50	50	50	50	50
	Voltage		V	230	230	230	230	230	230	230
	Phase			1~	1~	1~	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	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 70°C; leaving water 60°C	Heating: 2 pipe: air 20°CDB; entering water 70°C; leaving water 60°C	Heating: 2 pipe: air 20°CDB; entering water 70°C; leaving water 60°C	Heating: 2 pipe: air 20°CDB; entering water 70°C; leaving water 60°C	Heating: 2 pipe: air 20°CDB; entering water 70°C; leaving water 60°C	Heating: 2 pipe: air 20°CDB; entering water 70°C; leaving water 60°C	Heating: 2 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	Air flow at 0Pa ESP	Air flow at 0Pa ESP	Air flow at 0Pa ESP
				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.	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.

				FWL01DAFN6V3/FV6V3	FWL02DAFN6V3/FV6V3	FWL03DAFN6V3/FV6V3	FWL04DAFN6V3/FV6V3	FWL06DAFN6V3/FV6V3	FWL08DAFN6V3/FV6V3	FWL10DAFN6V3/FV6V3
Water pressure drop	Cooling		kPa	13	13	11	12	14	12	19
	Heating		kPa	7	8	5	10	10	8	9
Water flow	Heating		l/h	196	182	286	396	465	694	816
	Cooling		l/h	251	327	494	745	803	1,142	1,355
Fan motor	Speed		Fan motor-=-Speed-=-Fan motor speed steps	3 (high, medium, low)						
	Model			Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out	Closed induction, B class insulation, winding thermal cut-out
Cooling capacity	Total capacity	Nom.	kW	1.24 (1)	1.62 (1)	2.33 (1)	3.27 (1)	3.81 (1)	5.23 (1)	6.16 (1)
		High	kW	1.46 (1)	1.90 (1)	2.87 (1)	4.33 (1)	4.67 (1)	6.64 (1)	7.88 (1)
		Low	kW	0.99 (1)	1.35 (1)	1.73 (1)	2.48 (1)	3.11 (1)	3.93 (1)	4.07 (1)
	Sensible capacity	Low	kW	0.75 (1)	1.10 (1)	1.24 (1)	1.78 (1)	2.28 (1)	2.82 (1)	3.02 (1)
		High	kW	1.14 (1)	1.51 (1)	2.07 (1)	3.15 (1)	3.57 (1)	4.85 (1)	5.85 (1)
		Nom.	kW	0.97 (1)	1.25 (1)	1.66 (1)	2.45 (1)	2.87 (1)	3.80 (1)	4.57 (1)
Heat exchanger	Water volume		l	0.5	0.7	1	1.4	1.4	2.1	2.1
	Fin pitch		mm	1.8	1.6	1.6	1.8	1.6	2.1	2.1
	Stages		Quantity	10	10	10	10	10	12	12
	Rows		Quantity	2	3	3	3	3	3	3
	Face area		m²	0.086	0.086	0.138	0.191	0.191	0.292	0.292
Additional heat exchanger	Fin pitch		mm	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	Face area		m²	0.068	0.068	0.11	0.152	0.152	0.243	0.243
	Water volume		l	0.2	0.2	0.3	0.4	0.4	0.6	0.6
	Stages		Quantity	8	8	8	8	8	10	10
	Rows		Quantity	1	1	1	1	1	1	1
Power input	Nom.		W	28	36	43	61	68	104	130
	Low		W	21	24	29	38	47	76	90
	High		W	37	53	56	98	98	137	175
Sound power level	High		dBA	45	50	47	52	56	58	64
	Low		dBA	33	38	33	35	43	44	48
	Nom.		dBA	39	44	41	43	49	51	57
Air filter	Type			Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic
Dimensions	Unit	Width	mm	774	774	984	1,194	1,194	1,404	1,404
		Depth	mm	226	226	226	226	226	251	251
		Height	mm	564	564	564	564	564	564	564
Water connections	Std. heat exchanger		inch	1/2	1/2	1/2	1/2	1/2	3/4	3/4
Casing	Colour			Plastic and metal RAL9010	Plastic and metal RAL9010	Plastic and metal RAL9010	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	Plastic + sheet metal	Plastic + sheet metal	Plastic + sheet metal
Weight	Unit		kg	21	22	28	34	35	46	46
Fan	Air flow rate	Medium	m³/h	225	261	332	490	593	765	1,007
		Low	m³/h	174	205	238	356	460	565	636
		High	m³/h	307	327	431	690	763	998	1,362
	Quantity			1	1	2	2	2	2	2
	Type			Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction	Centrifugal multi-blade, double suction
Heating capacity	4-Pipe	High	kW	1.90 (2)	2.10 (2)	3.08 (2)	5.05 (2)	5.30 (2)	7.91 (2)	9.30 (2)
		Medium	kW	1.70 (2)	1.78 (2)	2.68 (2)	4.25 (2)	4.65 (2)	6.83 (2)	7.95 (2)
		Low	kW	1.50 (2)	1.56 (2)	2.18 (2)	3.60 (2)	4.04 (2)	5.69 (2)	6.12 (2)
Vibration insulation				Rubber ring for fan motor	Rubber ring for fan motor	Rubber ring for fan motor	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	Class 1 self-extinguishing	Class 1 self-extinguishing	Class 1 self-extinguishing
Template				FCU	FCU	FCU	FCU	FCU	FCU	FCU
Current input	High		A	0.17	0.24	0.25	0.44	0.43	0.60	0.76
	Medium		A	0.13	0.16	0.20	0.29	0.31	0.46	0.58
	Low		A	0.10	0.11	0.14	0.19	0.22	0.34	0.41
Required wire section	mm²			1	1	1	1	1	1	1
Required fuses	A			0.5	0.5	0.5	0.5	0.5	1	2
Power supply	Frequency		Hz	50	50	50	50	50	50	50
	Voltage		V	230	230	230	230	230	230	230
	Phase			1~	1~	1~	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	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	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	Air flow at 0Pa ESP	Air flow at 0Pa ESP	Air flow at 0Pa ESP
				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.	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.
Fan motor	Speed		Steps		3 (high, medium, low)	3 (high, medium, low)	3 (high, medium, low)	3 (high, medium, low)	3 (high, medium, low)	3 (high, medium, low)