				FWE02CT	FWE03CT	FWE04CT	FWE06CT	FWE07CT	FWE08CT	FWE10CT
Sound pressure level	Medium		dBA	26	39	28	36	37	40	39
	Super high		dBA	41	51	48	52	52	54	55
	Low		dBA	21	28	22	29	27	31	29
	High		dBA	39	46	38	45	47	48	49
Water pressure drop	Cooling		kPa	15.1	11.7	23.9	46.4	14.8	19.3	32.9
	Heating		kPa	6.1	4.9	9.7	17.9	6.6	8.4	13.7
Control systems	Wired remote control			FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A
Water flow	Heating		l/h	252	360	504	684	828	936	1,188
	Cooling		l/h	360	540	756	1,044	1,188	1,368	1,728
Fan motor	Output		W	10	16	20	30	26	40	60
	Speed		Fan motor-=-Speed-=-Fan motor speed steps	4	4	4	4	4	4	4
Cooling capacity	Total capacity	Nom.	kW	1.60	2.45	2.96	4.56	4.94	6.07	7.51
		High	kW	1.81	2.78	3.49	5.32	5.68	6.92	8.64
		Super high	kW	2.17	3.22	4.34	6.06	6.83	7.84	9.96
		Low	kW	0.90	1.40	1.80	2.80	3.10	3.90	4.90
	Sensible capacity	Low	kW	0.70	1.20	1.40	2.10	2.50	3.10	3.70
		Super high	kW	1.61	2.44	3.27	4.55	4.83	6.02	7.58
		High	kW	1.33	2.08	2.58	3.94	4.30	5.25	6.48
		Nom.	kW	1.16	1.82	2.16	3.34	3.71	4.56	5.57
Heat exchanger	Passes	Quantity	Heating	12	8	8	8	4	4	4
			Cooling	12	8	8	8	4	4	4
	Water volume		l	0.74	1.02	1.24	1.56	1.97	2.14	2.56
	Empty tubeplate hole		Quantity	0	0	0	0	0	0	0
	Fin pitch		mm	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	Stages		Quantity	2	3	3	3	6	6	6
			Heating	2	3	3	3	6	6	6
			Cooling	2	3	3	3	6	6	6
	Outside length	Heating	mm	493	668	798	998	1,248	1,348	1,608
		Cooling	mm	493	668	798	998	1,248	1,348	1,608
	Inside length	Cooling	mm	450	625	755	955	1,205	1,305	1,565
		Heating	mm	450	625	755	955	1,205	1,305	1,565
	Rows		Quantity	3	3	3	3	3	3	3
	Face area		m^2	6.0	8.4	10.1	12.8	16.2	17.3	21.0
	Face area - Dimensions	Cooling	m^2	6.0	8.4	10.1	12.8	16.2	17.3	21.0
		Heating	m^2	6.0	8.4	10.1	12.8	16.2	17.3	21.0

	Type			Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.
Piping connections	Drain	OD	mm	19.05	19.05	19.05	19.05	19.05	19.05	19.05
Power input	Nom.		W	34	47	50	73	105	117	145
	Super high		W	46	69	83	119	163	181	230
	Low		W	29	40	42	60	89	102	121
	High		W	39	54	59	93	128	145	180
Sound power level	High		dBA	49	56	48	55	57	58	60
	Super high		dBA	51	61	58	62	62	64	65
	Low		dBA	31	38	32	39	38	41	40
	Nom.		dBA	37	49	38	46	47	50	50
Air filter	Type			Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2
Allowed water temperature	Min.		°C	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	Max.		°C	70.00	70.00	70.00	70.00	70.00	70.00	70.00
Dimensions	Packed unit	Width	mm	605	605	605	605	605	605	605
		Height	mm	260	260	260	260	260	260	260
		Depth	mm	720	890	1,020	1,220	1,470	1,570	1,830
	Unit	Width	mm	590	590	590	590	590	590	590
		Depth	mm	705	875	1,005	1,205	1,455	1,555	1,815
		Height	mm	253	253	253	253	253	253	253
Water connections	Std. heat exchanger		inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Casing	Colour			Metal	Metal	Metal	Metal	Metal	Metal	Metal
	Material			Galvanised metal	Galvanised metal	Galvanised metal	Galvanised metal	Galvanised metal	Galvanised metal	Galvanised metal
Weight	Packed unit		kg	19	22	26	31	40	42	49
	Operation weight		kg	17	20	24	28	37	39	46
	Unit		kg	17	20	24	28	37	39	46
Fan	Air flow rate	Medium	m^3/h	238	385	413	630	851	1,016	1,202
		Low	m^3/h	150	256	284	426	569	688	808
		Super high	m^3/h	430	638	910	1,195	1,559	1,753	2,177
		High	m^3/h	311	518	619	926	1,188	1,413	1,735
	Quantity			1	1	2	2	3	3	4
	Type			Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)
Heating capacity	2-Pipe	Low	kW	1.20	2.00	2.30	3.40	4.40	5.30	6.30
		Medium	kW	2.04	3.22	3.74	5.63	6.59	7.98	9.57
		Super high	kW	2.79	4.28	5.61	7.66	9.26	10.50	13.00
		High	kW	2.31	3.67	4.44	6.65	7.62	9.18	11.10
Insulation material				Physical PE	Physical PE	Physical PE	Physical PE	Physical PE	Physical PE	Physical PE
Template				FCU	FCU	FCU	FCU	FCU	FCU	FCU
Current input	Super high		A	0.206	0.309	0.372	0.533	0.731	0.811	1.031

	High		A	0.174	0.243	0.265	0.430	0.575	0.648	0.780
	Medium		A	0.150	0.208	0.217	0.325	0.472	0.523	0.648
	Low		A	0.128	0.177	0.188	0.271	0.400	0.456	0.540
Required wire section	mm²			1.00	1.00	1.00	1.00	1.00	1.00	1.00
Required fuses	A			4	4	4	4	4	4	4
Power supply	Frequency		Hz	50	50	50	50	50	50	50
	Voltage		V	220-240	220-240	220-240	220-240	220-240	220-240	220-240
	Type			AC	AC	AC	AC	AC	AC	AC
	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 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	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
				All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"
				Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)
				Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan
				FWE02CF	**FWE03CF**	**FWE04CF**	**FWE06CF**	**FWE07CF**	**FWE08CF**	**FWE10CF**
Sound pressure level	Medium		dBA	26	39	28	36	37	40	39
	Super high		dBA	41	51	48	52	52	54	55
	Low		dBA	21	28	22	29	27	31	29
	High		dBA	39	46	38	45	47	48	49
Water pressure drop	Cooling		kPa	14.5	11.4	21.6	46.3	14.6	19.1	32.7
	Additional heat exchanger		kPa	3.6	8.8	15.6	31.8	58.6	74.6	123
Control systems	Wired remote control			FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A	FWEC1A, FWEC2A, FWEC3A
Water flow	Cooling		l/h	360	540	720	1,044	1,188	1,332	1,728
	Additional heat exchanger		l/h	108	180	216	324	432	468	576
Fan motor	Output		W	10	16	20	30	26	40	60
	Speed		Fan motor-=-Speed-=-Fan motor speed steps	4	4	4	4	4	4	4
Cooling capacity	Total capacity	Nom.	kW	1.56	2.36	2.70	4.47	4.91	5.98	7.49

		High	kW	1.76	2.69	3.22	5.20	5.61	6.79	8.61
		Super high	kW	2.10	3.16	3.98	6.05	6.78	7.79	9.91
		Low	kW	0.85	1.40	1.63	2.72	3.10	3.88	4.88
	Sensible capacity	Low	kW	0.66	1.18	1.35	2.02	2.47	3.05	3.65
		Super high	kW	1.55	2.37	3.19	4.49	5.16	5.91	7.45
		High	kW	1.28	1.99	2.53	3.81	4.20	5.09	6.39
		Nom.	kW	1.13	1.73	2.10	3.23	3.64	4.44	5.49
Heat exchanger	Passes	Quantity	Heating	12	8	8	8	4	4	4
			Cooling	12	8	8	8	4	4	4
	Water volume		l	0.74	1.02	1.24	1.56	1.97	2.14	2.56
	Empty tubeplate hole		Quantity	0	0	0	0	0	0	0
	Fin pitch		mm	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	Stages		Quantity	2	3	3	3	6	6	6
			Heating	2	3	3	3	6	6	6
			Cooling	2	3	3	3	6	6	6
	Outside length	Heating	mm	493	668	798	998	1,248	1,348	1,608
		Cooling	mm	493	668	798	998	1,248	1,348	1,608
	Inside length	Cooling	mm	450	625	755	955	1,205	1,305	1,565
		Heating	mm	450	625	755	955	1,205	1,305	1,565
	Rows		Quantity	3	3	3	3	3	3	3
	Face area		m²	6.0	8.4	10.1	12.8	16.2	17.3	21.0
	Face area - Dimensions	Cooling	m²	6.0	8.4	10.1	12.8	16.2	17.3	21.0
		Heating	m²	6.0	8.4	10.1	12.8	16.2	17.3	21.0
	Type			Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.	Seamless copper tubing, mechanically bonded to rippled and corrugated aluminium fins.
Additional heat exchanger	Fin pitch		mm	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	Face area		m²	2.01	2.79	3.38	4.27	5.39	5.76	7.01
	Water volume		l	0.25	0.34	0.41	0.52	0.66	0.71	0.85
	Stages		Quantity	1	1	1	1	1	1	1
	Rows		Quantity	1	1	1	1	1	1	1
Piping connections	Drain	OD	mm	19.05	19.05	19.05	19.05	19.05	19.05	19.05
Power input	Nom.		W	34	47	50	73	105	117	145
	Super high		W	46	69	83	119	163	181	230
	Low		W	29	40	42	60	89	102	121
	High		W	39	54	59	93	128	145	180
Sound power level	High		dBA	49	56	48	55	57	58	60
	Super high		dBA	51	61	58	62	62	64	65
	Low		dBA	31	38	32	39	38	41	40
	Nom.		dBA	37	49	38	46	47	50	50
Air filter	Type			Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2	Aluminium Frame Nylon Filter G2

Allowed water temperature	Min.		°C	3.00	3.00	3.00	3.00	3.00	3.00	3.00
	Max.		°C	70.00	70.00	70.00	70.00	70.00	70.00	70.00
Dimensions	Packed unit	Width	mm	605	605	605	605	605	605	605
		Height	mm	260	260	260	260	260	260	260
		Depth	mm	720	890	1,020	1,220	1,470	1,570	1,830
	Unit	Width	mm	590	590	590	590	590	590	590
		Depth	mm	705	875	1,005	1,205	1,455	1,555	1,815
		Height	mm	253	253	253	253	253	253	253
Water connections	Add. heat exchanger		inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4
	Std. heat exchanger		inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Casing	Colour			Metal	Metal	Metal	Metal	Metal	Metal	Metal
	Material			Galvanised metal	Galvanised metal	Galvanised metal	Galvanised metal	Galvanised metal	Galvanised metal	Galvanised metal
Weight	Packed unit		kg	20	24	28	33	43	45	53
	Operation weight		kg	18	22	25	30	40	41	49
	Unit		kg	18	22	25	30	40	41	49
Fan	Air flow rate	Medium	m^3/h	232.05	370.86	376.72	617.57	845.83	1,000.94	1,198.80
		Low	m^3/h	142	256	257.48	414.34	569	684.16	804.37
		Super high	m^3/h	416.13	626.11	834.52	1,193.03	1,547.59	1,741.82	2,166.07
		High	m^3/h	302.41	501.23	571.11	905.11	1,173.36	1,386.46	1,728.98
	Quantity			1	1	2	2	3	3	4
	Type			Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)	Centrifugal (Blade: Forward - curve)
Heating capacity	4-Pipe	High	kW	1.94	3.06	3.76	5.37	6.42	7.52	9.16
		Medium	kW	1.75	2.74	3.22	4.69	5.72	6.72	8.07
		Super high	kW	2.3	3.53	4.56	6.17	7.6	8.52	10.4
		Low	kW	1.02	1.72	2.03	2.88	3.92	4.59	5.42
Insulation material				Physical PE	Physical PE	Physical PE	Physical PE	Physical PE	Physical PE	Physical PE
Template				FCU	FCU	FCU	FCU	FCU	FCU	FCU
Current input	Super high		A	0.206	0.309	0.372	0.533	0.731	0.811	1.031
	High		A	0.174	0.243	0.265	0.430	0.575	0.648	0.780
	Medium		A	0.150	0.208	0.217	0.325	0.472	0.523	0.648
	Low		A	0.128	0.177	0.188	0.271	0.400	0.456	0.540
Required wire section	mm^2			1	1	1	1	1	1	1
Required fuses	A			4	4	4	4	4	4	4
Power supply	Frequency		Hz	50	50	50	50	50	50	50
	Voltage		V	220-240	220-240	220-240	220-240	220-240	220-240	220-240
	Type			AC	AC	AC	AC	AC	AC	AC
	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 50°C, leaving water 40°C	Heating: 4 pipe: air 20°CDB, entering water 50°C, leaving water 40°C	Heating: 4 pipe: air 20°CDB, entering water 50°C, leaving water 40°C	Heating: 4 pipe: air 20°CDB, entering water 50°C, leaving water 40°C	Heating: 4 pipe: air 20°CDB, entering water 50°C, leaving water 40°C	Heating: 4 pipe: air 20°CDB, entering water 50°C, leaving water 40°C	Heating: 4 pipe: air 20°CDB, entering water 50°C, leaving water 40°C
				All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"	All declared values are for ESP "0 Pa"
				Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)	Optional products (factory mounted kit) power consumption value is 2,5W (for each valves)
				Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan	Fan power output = power delivered to air by fan