

TECHNICAL DATA

KFC		30	45	60	80	100	120
Total cooling capacity	kW	1.45	2.4	3.38	4	4.74	6.12
Sensitive cooling capacity	kW	1.17	1.88	2.55	3.14	3.75	4.82
Water capacity at cooling with Std battery	l/h	250	415	580	690	815	1055
Pressure drop	Kpa	9.5	18	18	23	30	28
2 pipes, H ₂ O - 70°C	Heating capacity	kW	3.75	5.7	7.49	9.3	11.7
	H ₂ O Flow rate Std bat.	l/h	310	490	645	800	1000
	Pressure Drop	Kpa	3	8.5	7	7	12
2 pipes, H ₂ O - 50°C	Heating capacity	kW	1.93	3.14	4.25	5.24	6.25
	H ₂ O Flow rate 3M bat.	l/h	250	415	580	690	815
	Pressure Drop	Kpa	5.1	18.5	14.1	19.7	24.5
Heating capacity with battery 1R(H ₂ O - 70°C)	kW	1.66	2.63	3.52	4.1	5.34	5.72
H ₂ O Flow rate extra battery 1R	l/h	145	225	305	355	460	490
Pressure drop	Kpa	4	11.5	3.5	4	7.5	10.5
Air flow	MAX speed	m ³ /h	300	450	600	780	980
	MID speed	m ³ /h	250	360	500	650	800
	MIN speed	m ³ /h	200	280	370	520	600
Noise level MAX/MID/MIN	dB(A)	39/36/30	42/40/34	40/37/31	45/43/35	46/44/37	53/50/46
Power of the electric engine	W	36	65	80	95	130	190
Hydraulic connections		1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Weight including Std battery	kg	15	19	22	23	27	36
Water content of Std battery	l	0.7	1.2	1.65	1.65	2.12	2.12

KFT		30	45	60	80	100
Total cooling capacity	kW	1.49	2.47	3.48	4.12	4.32
Sensitive cooling capacity	kW	1.21	1.88	2.61	3.21	3.53
Water capacity at cooling with Std battery	l/h	255	425	600	710	745
Pressure drop	Kpa	9.5	18	18	23	35
2 pipes, H ₂ O - 70°C	Heating capacity	kW	3.68	5.87	7.71	9.58
	H ₂ O Flow rate Std bat.	l/h	315	505	665	825
	Pressure drop	Kpa	10	18	17	25
2 pipes, H ₂ O - 50°C	Heating capacity	kW	2.04	3.14	4.34	5.36
	H ₂ O Flow rate Std bat.	l/h	255	425	600	710
	Pressure drop	Kpa	5.8	18.5	14.7	20.5
Heating capacity with battery 1R(H ₂ O - 70°C)	kW	1.71	2.71	3.63	4.22	5.49
H ₂ O Flow rate extra battery 1R	l/h	150	235	310	365	470
Pressure drop	Kpa	4.5	11.5	3.5	4	8.5
Air flow	MAX speed	m ³ /h	300	450	600	780
	MID speed	m ³ /h	250	360	500	650
	MIN speed	m ³ /h	200	280	370	520
Noise level MAX/MID/MIN	dB(A)	39/35/29	39/33/27	40/35/29	44/39/33	46/40/33
Power of the electric engine	W	29	38	47	55	72
Hydraulic connections		1/2"	1/2"	1/2"	1/2"	1/2"
Weight including Std battery	kg	16	20	23	24	28
Water content of Std battery	l	0.7	1.2	1.65	1.65	2.12

Measurement conditions:

Heating

Intake air temperature +20°C

2 pipes: Intake water temperature: 70°C

2 pipes: Intake water temperature: 50°C

Cooling

Intake water temperature +7°C

Outlet water temperature +12°C

Intake air temperature +27°C b.s./19°C b.u.

The given values are for maximum speed. The noise level applies to a room with a volume of 100 m³ and time of reverb for about 0.5 seconds.