



Fan Coil

Concealed Ceiling 2 Rows/ Standard Type											
Model			FP-34WA-K	FP-51WA-K	FP-68WA-K	FP-85WA-K	FP-102WA-K	FP-136WA-K	FP-170WA-K	FP-204WA-K	
Air flow volume(H/M/L)	CFM		200/146/125	300/232/155	400/291/194	500/375/250	600/464/309	800/644/429	1000/750/500	1200/926/618	
	ESP	Pa	12	12	12	12	12	12	12	12	
Capacity	Cooling/Heating	kW	1.8/3.05	2.8/4.4	3.6/5.5	4.5/7.0	5.5/8.9	7.35/11.0	9.2/14.0	11.0/17.0	
	Type	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
Power system	Input	W	37	45	62	70	96	120	145	185	
	Water system	Water flow volume	l/s	0.1	0.14	0.17	0.21	0.27	0.6	0.45	0.5
Pressure drop		kPa	12	21	16	23	36	38	38	38	40
		Ft·WG	4	7	5.3	7.7	12.0	12.7	12.7	13.3	
Sound pressure level		dB(A)	35	38	40	42	44	46	48	50	
Dimension (W×D×H)	Outline	mm	881×510×245	1011×510×245	1131×510×245	1211×510×245	1211×510×245	1761×510×245	1761×510×245	1761×510×245	
	Package	mm	900×560×275	1030×560×275	1150×560×275	1230×560×275	1230×560×275	1780×560×275	1780×560×275	1780×560×275	
Net weight/Gross weight		kg	14/17	15/19.5	16.5/21	18/22	19/24	28.5/35	34/39	35/40	
Connection pipe diameter	Water inlet & outlet (inner groove)	inch(mm)								ø 3/4	
	Condensed water drain (outer groove)	inch(mm)								ø 3/4	
Loading quantity	40'GP/40'HQ	set	448/490	447/482	344/386	316/355	316/355	220/247	220/247	220/247	
Optionals	Wired remote controller	—	Luxury wired controller: WK-010PA-K; LCD controller: WK-110PA0								
	Plenum with filter	—	HF31	HF32	HF33	HF34	HF34	HF36	HF36	HF36	
	Plenum without filter	—	HF41	HF42	HF43	HF44	HF44	HF46	HF46	HF46	

Concealed Ceiling 2 Rows/ High ESP Type											
Model			FP-34WAH-K	FP-51WAH-K	FP-68WAH-K	FP-85WAH-K	FP-102WAH-K	FP-136WAH-K	FP-170WAH-K	FP-204WAH-K	
Air flow volume(H/M/L)	CFM		200/146/125	300/232/155	400/291/194	500/375/250	600/464/309	800/644/429	1000/750/500	1200/926/618	
	ESP	Pa	30	30	30	30	30	30	30	30	
Capacity	Cooling/Heating	kW	1.8/3.05	2.8/4.4	3.6/5.5	4.5/7.0	5.5/8.9	7.35/11.0	9.2/14.0	11.0/17.0	
	Type	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
Power system	Input	W	42	55	68	80	102	140	158	195	
	Water system	Water flow volume	l/s	0.1	0.14	0.17	0.21	0.27	0.6	0.45	0.5
Pressure drop		kPa	12	21	16	23	36	38	38	38	40
		Ft·WG	4	7	5.3	7.7	12.0	12.7	12.7	13.3	
Sound pressure level		dB(A)	38	40	42	44	46	47	49	52	
Dimension (W×D×H)	Outline	mm	881×510×245	1011×510×245	1131×510×245	1211×510×245	1211×510×245	1761×510×245	1761×510×245	1761×510×245	
	Package	mm	900×560×275	1030×560×275	1150×560×275	1230×560×275	1230×560×275	1780×560×275	1780×560×275	1780×560×275	
Net weight/Gross weight		kg	14/17	15/19.5	16.5/21	18/22	19/24	28.5/35	34/39	35/40	
Connection pipe diameter	Water inlet outlet(inner groove)inch(mm)									ø 3/4	
	Condensed water drain (outer groove)	inch(mm)								ø 3/4	
Loading quantity	40'GP/40'HQ	set	448/490	447/482	344/386	316/355	316/355	220/247	220/247	220/247	
Optionals	Wired remote controller	—	Luxury wired controller: WK-010PA-K; LCD controller: WK-110PA0								
	Plenum with filter	—	HF31	HF32	HF33	HF34	HF34	HF36	HF36	HF36	
	Plenum without filter	—	HF41	HF42	HF43	HF44	HF44	HF46	HF46	HF46	



Fan Coil

Concealed Ceiling 3 Rows									
Model			FP-34WAS-R	FP-51WAS-R	FP-68WAS-R	FP-85WAS-R	FP-102WAS-R	FP-136WAS-R	
Air flow volume(H/M/L)	CFM		200/146/125	300/232/155	400/291/194	500/375/250	600/464/309	800/644/429	
ESP	Pa		30	30	30	30	30	30	
Capacity	Cooling/Heating	kW	2.19/3.29	3.37/5.06	4.28/6.42	5.04/7.56	6.46/9.7	8.17/10.9	
Power system	Type	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
	Input	W	44	59	72	87	108	156	
Water system	Water flow volume	l/s	0.11	0.17	0.22	0.25	0.32	0.37	
	Pressure drop	kPa	10	15	25	30	40	20	
		Ft·WG	3.3	5	8.4	10	13.3	6.7	
Sound pressure level		dB(A)	38	40	42	44	46	47	
Dimension (W×D×H)	Outline	mm	881×510×245	1011×510×245	1131×510×245	1211×510×245	1211×510×245	1761×510×245	
	Package	mm	900×560×275	1030×560×275	1150×560×275	1230×560×275	1230×560×275	1780×560×275	
Net weight/Gross weight		kg	15/19	16/20.5	18/23	19.5/24.5	21/26	30/35	
Connection pipe diameter	Water inlet&outlet(inner groove)	inch(mm)	ø 3/4						
	Condensed water drain (outer groove)	inch(mm)	ø 3/4						
Loading quantity	40'GP/40'HQ	set	448/490	392/434	344/386	316/355	268/301	220/247	
Optionals	Wired remote controller	—	Luxury wired controller: WK-010PA-K; LCD controller: WK-110PA0						
	Plenum with filter	—	HF31	HF32	HF33	HF34	HF35	HF36	
	Plenum without filter	—	HF41	HF42	HF43	HF44	HF45	HF46	

Concealed Ceiling 3 Rows									
Model			FP-170WAS-R	FP-204WAS-R	FP-238WAS-R	FP-272WAS-R	FP-306WAS-R	FP-340WAS-R	
Air flow volume(H/M/L)	CFM		1000/750/500	1200/926/618	1400/971/729	1600/1235/868	1800/1006/674	2000/1400/812	
ESP	Pa		30	30	30	30	30	30	
Capacity	Cooling/Heating	kW	11.4/18.2	12.2/18.6	12.4/19.5	13.5/21.3	16.0/24.8	17.0/26.1	
Power system	Type	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
	Input	W	174	212	380	475	535	640	
Water system	Water flow volume	l/s	0.55	0.57	0.57	0.64	0.74	0.79	
	Pressure drop	kPa	38	45	21.9	27.9	37.5	41.2	
		Ft·WG	12.7	15	7.3	9.3	12.5	13.7	
Sound pressure level		dB(A)	49	52	56	59	62	63	
Dimension (W×D×H)	Outline	mm	1921×510×245	1921×510×245	1671×595×345	1671×595×345	1921×595×354	1921×595×354	
	Package	mm	1940×560×275	1940×560×275	1750×650×380	1750×650×380	1950×650×380	1950×650×380	
Net weight/Gross weight		kg	33/38.5	24/39.5	48/55	48/55	52/60	52/60	
Connection pipe diameter	Water inlet&outlet(inner groove)	inch(mm)	ø 3/4						
	Condensed water drain (outer groove)	inch(mm)	ø 3/4						
Loading quantity	40'GP/40'HQ	set	196/220	196/220	140/166	140/166	130/153	130/153	
Optionals	Wired remote controller	—	Luxury wired controller: WK-010PA-K; LCD controller: WK-110PA0						
	Plenum with filter	—	HF37	HF37	HF28	HF28	HF29	HF29	
	Plenum without filter	—	HF47	HF47	HF48	HF48	HF49	HF49	



Fan Coil

Concealed Ceiling 4 Rows									
Model			FP-34WAF-R	FP-51WAF-R	FP-68WAF-R	FP-85WAF-R	FP-102WAF-R	FP-136WAF-R	
Air flow volume(H/M/L)		CFM	188/156/80	289/259/186	383/324/207	477/368/242	571/507/395	760/616/424	
ESP		Pa	30	30	30	30	30	30	
Capacity	Cooling/Heating	kW	2.11/3.7	3.82/5.7	4.85/7.2	5.71/8.5	7.32/10.9	9.26/13.8	
	Type	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
Power system	Input	W	44	59	80	87	108	156	
	Water flow volume	l/s	0.11	0.19	0.24	0.31	0.35	0.43	
Water system	Pressure drop	kPa	15	7.8	9.7	23.3	35.5	16.4	
		Ft-WG	5	2.6	3.2	7.8	11.8	5.5	
Sound pressure level		dB(A)	40	42	44	47	49	50	
Dimension (W×D×H)	Outline	mm	881×510×245	1011×510×245	1131×510×245	1211×510×245	1211×510×245	1761×510×245	
	Package	mm	900×560×275	1030×560×275	1150×560×275	1230×560×275	1230×560×275	1780×560×275	
Net weight/Gross weight		kg	14.4/18.9	17.2/21.9	19.2/24.1	20.5/25.6	23.2/28.7	34.2/40.5	
Connection pipe diameter	Water inlet&outlet(inner groove)	inch(mm)	ø 3/4						
	Condensed water drain (outer groove)	inch(mm)	ø 3/4						
Loading quantity	40'GP/40'HQ	set	448/490	392/434	344/386	316/355	268/301	220/247	
Optionals	Wired remote controller	—	Luxury wired controller: WK-010PA-K; LCD controller: WK-110PA0						
	Plenum with filter	—	HF31	HF32	HF33	HF34	HF35	HF36	
	Plenum without filter	—	HF41	HF42	HF43	HF44	HF45	HF46	

Concealed Ceiling 4 Rows									
Model			FP-170WAF-R	FP-204WAF-R	FP-238WAF-R	FP-272WAF-R	FP-306WAF-R	FP-340WAF-R	
Air flow volume(H/M/L)		CFM	1000/750/500	1200/926/618	1400/971/729	1600/1235/868	1800/1006/674	2000/1400/812	
ESP		Pa	30	30	30	30	30	30	
Capacity	Cooling/Heating	kW	11.4/18.2	12.2/18.6	14.2/21.4	16.0/24.0	18.7/28.1	19.8/29.7	
	Type	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	
Power system	Input	W	174	212	380	475	535	640	
	Water flow volume	l/s	0.51	0.58	0.78	0.89	1.02	1.13	
Water system	Pressure drop	kPa	23.9	31.5	29.2	21.7	26.2	32.5	
		Ft-WG	8	10.5	9.7	7.2	8.7	10.8	
Sound pressure level		dB(A)	51	52	56	58	60	61	
Dimension (W×D×H)	Outline	mm	1921×510×245	1921×510×245	1671×595×345	1671×595×345	1921×595×354	1921×595×3545	
	Package	mm	1940×560×275	1940×560×275	1750×650×380	1750×650×380	1950×650×380	1950×650×380	
Net weight/Gross weight		kg	37.5/44	37.5/44	52/60	52/605	59/66	59/66	
Connection pipe diameter	Water inlet&outlet(inner groove)	inch(mm)	ø 3/4						
	Condensed water drain (outer groove)	inch(mm)	ø 3/4						
Loading quantity	40'GP/40'HQ	set	196/220	196/220	140/166	140/166	130/153	130/153	
Optionals	Wired remote controller	—	Luxury wired controller: WK-010PA-K; LCD controller: WK-110PA0						
	Plenum with filter	—	HF37	HF37	HF28	HF28	HF29	HF29	
	Plenum without filter	—	HF47	HF47	HF48	HF48	HF49	HF49	



## Fan Coil

Concealed Ceiling 3+1 Rows								
Model			FP-34WAT-R	FP-51WAT-R	FP-68WAT-R	FP-85WAT-R	FP-102WAT-R	FP-136WAT-R
<b>Air flow volume(H/M/L)</b>		CFM	188/156/80	289/259/186	383/324/207	477/368/242	571/507/395	760/616/424
<b>ESP</b>		Pa	30	30	30	30	30	30
<b>Capacity</b>	Cooling/Heating	kW	1.95/1.76	3.07/2.49	3.88/3.17	4.55/3.83	5.82/4.85	7.35/6.69
	Type	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
<b>Power system</b>	Input	W	44	59	80	87	108	156
	Water flow volume	l/s	0.11	0.17	0.21	0.29	0.32	0.39
<b>Water system</b>	Pressure drop	kPa	10.6	23.3	18.2	38	56.5	16.8
		Ft-WG	3.5	7.8	6.1	12.7	18.8	5.6
<b>Sound pressure level</b>		dB(A)	40	42	44	47	49	50
<b>Dimension (WxDxH)</b>	Outline	mm	881×510×245	1011×510×245	1131×510×245	1211×510×245	1211×510×245	1761×510×245
	Package	mm	900×560×275	1030×560×275	1150×560×275	1230×560×275	1230×560×275	1780×560×275
<b>Net weight/Gross weight</b>		kg	14.4/18.9	17.2/21.9	19.2/24.1	20.5/25.6	23.2/28.7	34.2/40.5
<b>Connection pipe diameter</b>	Water inlet&outlet(inner groove)	inch(mm)	ø 3/4					
	Condensed water drain (outer groove)	inch(mm)	ø 3/4					
<b>Loading quantity</b>	40'GP/40'HQ	set	448/490	392/434	344/386	316/355	268/301	220/247
<b>Optionals</b>	Wired remote controller	—	Luxury wired controller: WK-010PA-K; LCD controller: WK-110PA0					
	Plenum with filter	—	HF31	HF32	HF33	HF34	HF35	HF36
	Plenum without filter	—	HF41	HF42	HF43	HF44	HF45	HF46

Concealed Ceiling 3+1 Rows								
Model			FP-170WAT-R	FP-204WAT-R	FP-238WAT-R	FP-272WAT-R	FP-306WAT-R	FP-340WAT-R
<b>Air flow volume(H/M/L)</b>		CFM	948/836/645	1043/786/754	1400/970/729	1600/1235/867	1800/1006/674	2000/1400/812
<b>ESP</b>		Pa	30	30	30	30	30	30
<b>Capacity</b>	Cooling/Heating	kW	9.65/7	10.96/8.85	12.35/12.97	13.49/14.165	15.67/16.46	16.53/17.36
	Type	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
<b>Power system</b>	Input	W	174	212	380	475	535	640
	Water flow volume	l/s	0.50	0.52	0.59	0.65	0.8	0.84
<b>Water system</b>	Pressure drop	kPa	28	29.4	21.8	26.6	42.1	46.4
		Ft-WG	9.3	9.8	7.3	8.9	14	15.5
<b>Sound pressure level</b>		dB(A)	51	52	56	58	60	61
<b>Dimension (WxDxH)</b>	Outline	mm	1921×510×245	1921×510×245	1671×595×345	1671×595×345	1921×595×354	1921×595×3545
	Package	mm	1940×560×275	1940×560×275	1750×650×380	1750×650×380	1950×650×380	1950×650×380
<b>Net weight/Gross weight</b>		kg	37.5/44	37.5/44	52/60	52/60	59/66	59/66
<b>Connection pipe diameter</b>	Water inlet&outlet(inner groove)	inch(mm)	ø 3/4					
	Condensed water drain (outer groove)	inch(mm)	ø 3/4					
<b>Loading quantity</b>	40'GP/40'HQ	set	196/220	196/220	140/166	140/166	130/153	130/153
<b>Optionals</b>	Wired remote controller	—	Luxury wired controller: WK-010PA-K; LCD controller: WK-110PA0					
	Plenum with filter	—	HF37	HF37	HF28	HF28	HF29	HF29
	Plenum without filter	—	HF47	HF47	HF48	HF48	HF49	HF49