

Terminal



GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

Add: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China 519070
Tel: (+86-756) 852 2218 Fax: (+86-756) 866 9426
Email: gree@gree.com.cn Http://www.gree.com

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED

Add: Unit 2612, 26/F, Mira Place Tower A, 132 Nathan Road, Tsimshatsui, Kowloon, Hong Kong
Tel: (852) 3165 8898 Fax: (852) 3165 1029

Note:

Gree is committed to continuously improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

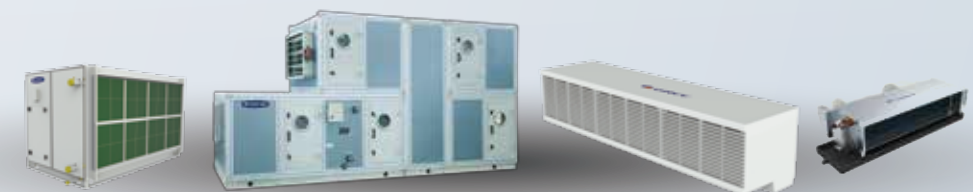
All features and specifications are subject to change without prior notice.

All images provided in this catalogue are used for illustration purposes only.
Copyright© Gree Electric Appliances, Inc. of Zhuhai. All rights reserved.

GC-1809-02



Distributor information



MADE IN CHINA
LOVED BY THE WORLD



Gree Electric Appliances, Inc. of Zhuhai, founded in 1991, is a diversified international industrial group, whose business covers residential air conditioners, central air conditioners, intelligent equipments, home appliances, air source water heaters, smart phones, refrigerators, etc.

- Since 2005, Gree has topped No.1 in production and sales volume of residential air conditioners for 13 consecutive years.
- 2015, Gree's sales revenue exceeded 15.08 billion USD.
- 2016, sales revenue exceeded 16.51 billion USD.
- 2017, sales revenue exceeded 22.21 billion USD.
- 2018, Gree entered into the list of Forbes Global 2000 again and ranked No. 294, moving up 70 places compared with the previous year.

Gree has paid some 14.26 billion USD in total tax, being the No.1 in terms of tax payment in the Chinese home appliances industry for 16 consecutive years.

Thanks to 300 million users' choices, Gree products are widely sold in more than 200 countries and regions. Today Gree's annual production capacity of RAC and CAC is more than 60 million and 5.5 million sets respectively.

Action makes the future and innovation makes achievement. Looking forward, Gree will press ahead with its business philosophy of passion, innovation and realization. We aim to build an air conditioning enterprise of some hundred year's standing, to create a better life for humankind.



CONTENTS

Fan Coil Unit

- 04 Features
- 06 Concealed Ceiling Type
- 14 Cassette Type
- 15 Floor Ceiling Type
- 16 Wall-mounted Type

Air Handling Unit

- 18 Features
- 19 Horizontal Mounted Packaged Unit
- 24 Vertical/Horizontal Mounted Packaged Unit

Hydronic Air Handling Unit

- 32 Features
- 36 Air Curtain
- 37 Control System Lineup



Fan Coil Unit

Gree fan coil units consist of cassette type, floor ceiling type, concealed ceiling type and wall mounted type, with air volume below 2500m³/h. The customer can select the models with high static pressure. This series adopts high-quality materials and features low noise, low power consumption, reliable operation and convenient maintenance.

Features

Fan coil units are widely adopted in public places. They have the following features:

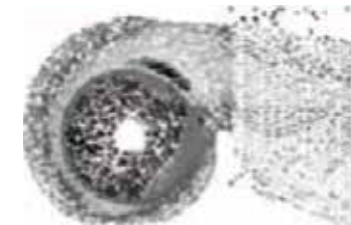
Adopting Plastic Fan (Not for cassette type)

- Low weight, providing bigger air volume under driving of the same motor;
- Good consistency between vane angle and volute cavity, achieving quiet effect;
- Flow passage and vane angle are optimized by CFD software, offering high efficiency;
- The volute is divided into upper part and lower part, convenient for removal.



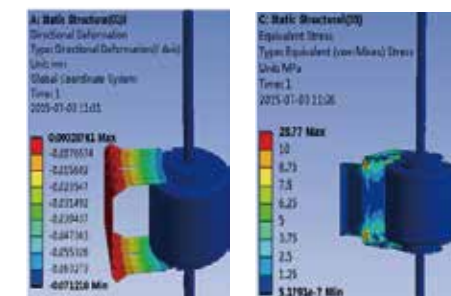
Quiet and Comfortable (Applicable to the concealed ceiling type)

- Unique design for the volute, fan blade and air passage, which leads to lower noise at each fan speed.
- For the conventional the fan volute, there would be local high air flow at the air passage, which would greatly increase aerodynamic noise; For GREE newly developed centrifugal fan volute, the tangential arc + helix structure is instead by the tangential arc + straight line + helix, which leads to more uniform air flow and then lower noise and better comfort.



High-qualified and Reliable (Applicable to the concealed ceiling type)

- After harmonic test, sweep check, winding temperature rise test etc.to the motor, also fall-down test, stacking test, vibration test etc. to the motor frame, the whole unit is approved to be of high reliability.



Old-structured Motor Frame Newly-structured Motor Frame

- After harmonic test, sweep check, winding temperature rise test etc.to the motor, also fall-down test, stacking test, vibration test etc. to the motor frame, the whole unit is approved to be of high reliability.



Flexible Structure (Applicable to the concealed ceiling type)

- The return air box can be integrated or separated with the unit. For the former, it can be delivered with the unit together.Both the low-noise fan and the metallic fan are optional for meeting different demands.



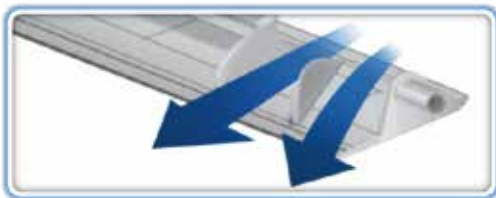
Easy Installation (Applicable to the concealed ceiling type)

- Fan mounting panel: its special design can meet downward return air or backward return air.
- Installation switchover: the left-hand or right-hand installation can be switched over on site quickly(The following operation is just applicable to the G series FCU).
- Specially designed electric box structure: the motor is separated with the capacitor. The external forked capacity can facilitate after-sales replacement and maintenance.



Comfortable and soft sense of air supply (Applicable to the cassette type)

- The optimized air deflector can realize eight-sided air distribution, for evener air supply and better comfort.



Comfortable and soft sense of air supply (Applicable to the cassette type)

- The optimized air deflector can realize eight-sided air distribution, for evener air supply and better comfort.The metallic electric and motor with sealed holes are used for high fire-proof performance and safer operation.



Smooth condensate drainage (Applicable to the cassette type)

- The condensate water pump with 1.2m pump head can successfully drain condensate in narrow space.

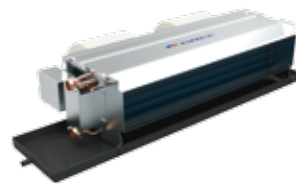
Smart Control (Applicable to the cassette type)

- The built-in micro-computer system equipped with the standard controller can display the ON/OFF timer, fan speed, operation mode (cooling, dehumidifying, fan and cooling) and temperature set points etc.

Concealed Ceiling Type

Fan Coil Unit

It is a kind of fan coil unit that is connected to the chillers to realize cooling/heating for civil or residential use.



Generation I



Generation II



Inner groove copper



Washable filter



Quiet function



Multi fan speed



Compact design

With small size, the installation of unit is flexible and convenient, occupying small space so as to coordinate the decoration;



Plastic fan with low weight is adopted, providing bigger air volume under driving of the same motor. The air distribution inside the unit is even with low flowing noise;

Standard series adopts small enthalpy difference design, suitable for the application with high comfort demand and high regulation precision;

Four rows series adopts big enthalpy difference design to meet the requirements of various application;

Four-pipe models (three rows for cooling and one row for heating) are applicable for the four-pipe air conditioning system. They can perform cooling and heating in different rooms to meet various demands.

Nominal test condition (temperature)				
Item	DB (°C)	WB (°C)	Inlet (°C)	Outlet (°C)
Cooling	27	19.5	7	12
Heating	21	—	60	—

Generation II G Series Horizontal Concealed FCU 50Hz (Standard, ESP: 12Pa)

Model			FP-34WA/G-K	FP-51WA/G-K	FP-68WA/G-K	FP-85WA/G-K	FP-102WA/G-K	FP-136WA/G-K	FP-170WA/G-K	FP-204WA/G-K	
Air flow volume(H/M/L)		m³/h	340/248/173	510/394/263	680/495/330	850/638/425	1020/788/525	1360/1095/730	1700/1275/850	2040/1575/1050	
		CFM	200/146/102	300/232/155	400/291/194	500/375/250	600/464/309	800/644/430	1000/750/500	1201/927/618	
ESP		Pa	12	12	12	12	12	12	12	12	
Capacity	Cooling/Heating	kW	1.85/3.05	2.80/4.62	3.60/5.94	4.50/7.40	5.50/9	7.35/12.10	9.20/15.10	11/18	
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	1/220~240/50	1/220~240/50	
	Input	W	34	52	62	76	96	134	152	189	
Water System	Water flow volume	l/s	0.09	0.14	0.17	0.21	0.27	0.35	0.5	0.55	
		Pressure drop	kPa	15	30	23	25	35	40	36	40
			Ft.WG	4.92	9.84	7.54	8.20	11.48	13.12	11.81	13.12
Sound prssure level		dB(A)	37	39	41	43	45	46	48	50	
Dimension (WxDxH)	Outline	mm	680×490×235	800×460×235	900×490×235	1000×490×235	1080×490×235	1380×490×235	1520×490×235	1620×490×235	
	Package	mm	788×258×570	908×258×570	1008×258×570	1108×258×570	1188×258×570	1488×258×570	1623×258×570	1728×258×570	
Net weight/Gross weight		kg	11.2/14.2	13/16.5	14.3/18	15.5/19.4	16.6/20.6	23/28	26.2/31.8	28.5/34	
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	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	
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0								

Generation II G Series Horizontal Concealed FCU 50Hz (Standard, 30Pa)

Model			FP-34WAH/G-K	FP-51WAH/G-K	FP-68WAH/G-K	FP-85WAH/G-K	FP-102WAH/G-K	FP-136WAH/G-K	FP-170WAH/G-K	FP-204WAH/G-K
Air flow volume(H/M/L)		m³/h	340/248/173	510/394/263	680/495/330	850/638/425	1020/788/525	1360/1095/730	1700/1275/850	2040/1575/1050
		CFM	200/146/102	300/232/155	400/291/194	500/375/250	600/464/309	800/644/430	1000/750/500	1201/927/618
ESP		Pa	30	30	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	1.85/3.05	2.80/4.62	3.60/5.94	4.50/7.40	5.50/9	7.35/12.10	9.20/15.10	11/18
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	1/220~240/50	1/220~240/50
	Input	W	42	53	64	87	108	148	174	212
Water System	Water flow volume	l/s	0.09	0.14	0.17	0.21	0.27	0.35	0.5	0.55
		kPa	15	30	23	25	35	40	36	40
	Pressure drop	Ft.WG	4.92	9.84	7.54	8.20	11.48	13.12	11.81	13.12
Sound prssure level		dB(A)	40	42	44	46	47	48	50	52
Dimension (WxDxH)	Outline	mm	680×490×235	800×460×235	900×490×235	1000×490×235	1080×490×235	1380×490×235	1520×490×235	1620×490×235
	Package	mm	788×258×570	908×258×570	1008×258×570	1108×258×570	1188×258×570	1488×258×570	1623×258×570	1728×258×570
Net weight/Gross weight		kg	11.2/14.2	13/16.5	14.3/18	15.5/19.4	16.6/20.6	23/28	26.2/31.8	28.5/34
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	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
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0							

Generation II G Series Horizontal Concealed FCU 50Hz (3 Rows/12Pa)

Model			FP-34WAS/G-K	FP-51WAS/G-K	FP-68WAS/G-K	FP-85WAS/G-K	FP-102WAS/G-K	FP-136WAS/G-K	FP-170WAS/G-K	FP-204WAS/G-K
Air flow volume(H/M/L)		m³/h	340/248/173	510/394/263	680/495/330	850/638/425	1020/788/525	1360/1095/730	1700/1275/850	2040/1575/1050
		CFM	200/146/102	300/232/155	400/291/194	500/375/250	600/464/309	800/644/430	1000/750/500	1201/927/618
ESP		Pa	12	12	12	12	12	12	12	12
Capacity	Cooling/Heating	kW	2.25/3.60	3.30/5.30	4.30/6.93	5/8.05	6.30/10.10	8.20/13.20	9.80/15.80	11.25/18.6
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	1/220~240/50	1/220~240/50
	Input	W	35	52	62	75	96	134	148	189
Water System	Water flow volume	l/s	0.09	0.14	0.17	0.21	0.27	0.4	0.5	0.55
		kPa	20	21	22	30	35	40	33	40
	Pressure drop	Ft.WG	6.56	6.89	7.22	9.84	11.48	13.12	10.82	13.12
Sound prssure level		dB(A)	37	39	41	43	45	46	46	50
Dimension (WxDxH)	Outline	mm	680×490×235	800×460×235	900×490×235	1000×490×235	1080×490×235	1380×490×235	1520×490×235	1620×490×235
	Package	mm	788×258×570	908×258×570	1008×258×570	1108×258×570	1188×258×570	1488×258×570	1623×258×570	1728×258×570
Net weight/Gross weight		kg	11.6/14.6	13.4/16.9	14.7/18.4	16/19.9	17.4/21.4	24/29	26.6/32.2	28.5/34
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	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
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0							

Generation II G Series Horizontal Concealed FCU 50Hz (3 Rows/30Pa)

Model			FP-34WAHS/G-K	FP-51WAHS/G-K	FP-68WAHS/G-K	FP-85WAHS/G-K	FP-102WAHS/G-K	FP-136WAHS/G-K	FP-170WAHS/G-K	FP-204WAHS/G-K
Air flow volume(H/M/L)		m³/h	340/248/173	510/394/263	680/495/330	850/638/425	1020/788/525	1360/1095/730	1700/1275/850	2040/1575/1050
		CFM	200/146/102	300/232/155	400/291/194	500/375/250	600/464/309	800/644/430	1000/750/500	1201/927/618
ESP		Pa	30	30	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	2.25/3.60	3.30/5.30	4.30/6.93	5/8.05	6.30/10.10	8.20/13.20	9.80/15.80	11.25/18.6
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	1/220~240/50	1/220~240/50
	Input	W	42	53	72	82	104	156	174	212
Water System	Water flow volume	l/s	0.09	0.14	0.17	0.21	0.27	0.4	0.5	0.55
		kPa	20	21	22	30	35	40	33	40
	Pressure drop	Ft.WG	6.56	6.89	7.22	9.84	11.48	13.12	10.82	13.12
Sound prssure level		dB(A)	40	42	44	46	47	48	48	52
Dimension (WxDxH)	Outline	mm	680×490×235	800×460×235	900×490×235	1000×490×235	1080×490×235	1380×490×235	1520×490×235	1620×490×235
	Package	mm	788×258×570	908×258×570	1008×258×570	1108×258×570	1188×258×570	1488×258×570	1623×258×570	1728×258×570
Net weight/Gross weight		kg	11.6/14.6	13.4/16.9	14.7/18.4	16/19.9	17.4/21.4	24/29	26.6/32.2	28.5/34
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	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
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0							

Generation II G Series Horizontal Concealed FCU 60Hz (Standard, ESP: 12Pa)

Model			FP-34WA/G-D	FP-51WA/G-D	FP-68WA/G-D	FP-85WA/G-D	FP-102WA/G-D	FP-136WA/G-D	FP-170WA/G-D	FP-204WA/G-D
Air flow volume(H/M/L)		m /h	340/248/173	510/394/263	680/495/330	850/638/425	1020/788/525	1360/1095/730	1700/1275/850	2040/1575/1050
		CFM	200/146/102	300/232/155	400/291/194	500/375/250	600/464/309	800/644/430	1000/750/500	1201/927/618
ESP		Pa	12	12	12	12	12	12	12	12
Capacity	Cooling/Heating	kW	1.90/3.05	3/5	3.60/5.9	4.70/7.70	5.70/9.35	7.35/12.10	9.50/15.80	11.50/18.80
Power System	Type	Ph/V/Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	36	57	70	104	105	164	180	228
Water System	Water flow volume	l/s	0.03	0.04	0.05	0.06	0.07	0.1	0.12	0.15
		kPa	15	30	23	25	35	40	36	40
	Pressure drop	Ft.WG	4.92	9.84	7.54	8.20	11.48	13.12	11.81	13.12
Sound prssure level		dB(A)	34.5	38	40	43	45	46	48	50
Dimension (WxDxH)	Outline	mm	680×490×235	800×460×235	900×490×235	1000×490×235	1080×490×235	1380×490×235	1520×490×235	1620×490×235
	Package	mm	788×258×570	908×258×570	1008×258×570	1108×258×570	1188×258×570	1488×258×570	1623×258×570	1728×258×570
Net weight/Gross weight		kg	11.2/14.2	13/16.5	14.3/18	15.5/19.4	16.6/20.6	23/28	26.2/31.8	28.5/34
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	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
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0							

Generation II G Series Horizontal Concealed FCU 60Hz (Standard, 30Pa)

Model			FP-34WAH/G-D	FP-51WAH/G-D	FP-68WAH/G-D	FP-85WAH/G-D	FP-102WAH/G-D	FP-136WAH/G-D	FP-170WAH/G-D	FP-204WAH/G-D
Air flow volume(H/M/L)		m³/h	340/248/173	510/394/263	680/495/330	850/638/425	1020/788/525	1360/1095/730	1700/1275/850	2040/1575/1050
		CFM	200/146/102	300/232/155	400/291/194	500/375/250	600/464/309	800/644/430	1000/750/500	1201/927/618
ESP		Pa	30	30	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	1.90/3.05	3/5	3.60/5.9	4.70/7.70	5.70/9.35	7.35/12.10	9.50/15.80	11.50/18.80
Power System	Type	Ph/V/Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	49	58	74	105	123	165	221	273
Water System	Water flow volume	l/s	0.03	0.04	0.05	0.06	0.07	0.1	0.12	0.15
		kPa	15	30	23	25	35	40	36	40
	Pressure drop	Ft.WG	4.92	9.84	7.54	8.20	11.48	13.12	11.81	13.12
Sound prssure level		dB(A)	36	39	42	46	47.5	48	50	52
Dimension (WxDxH)	Outline	mm	680×490×235	800×460×235	900×490×235	1000×490×235	1080×490×235	1380×490×235	1520×490×235	1620×490×235
	Package	mm	788×258×570	908×258×570	1008×258×570	1108×258×570	1188×258×570	1488×258×570	1623×258×570	1728×258×570
Net weight/Gross weight		kg	11.2/14.2	13/16.5	14.3/18	15.5/19.4	16.6/20.6	23/28	26.2/31.8	28.5/34
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	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
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0							

Generation II G Series Horizontal Concealed FCU 60Hz (3 Rows/12Pa)

Model			FP-34WAS/G-D	FP-51WAS/G-D	FP-68WAS/G-D	FP-85WAS/G-D	FP-102WAS/G-D	FP-136WAS/G-D	FP-170WAS/G-D	FP-204WAS/G-D
Air flow volume(H/M/L)		m³/h	340/248/173	510/394/263	680/495/330	850/638/425	1020/788/525	1360/1095/730	1700/1275/850	2040/1575/1050
		CFM	200/146/102	300/232/155	400/291/194	500/375/250	600/464/309	800/644/430	1000/750/500	1201/927/618
ESP		Pa	12	12	12	12	12	12	12	12
Capacity	Cooling/Heating	kW	2.25/3.70	3.30/5.40	4.40/7.35	5.20/8.50	6.60/10.65	8.30/13.50	10.20/17	12.20/20
Power System	Type	Ph/V/Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	36	63	70	104	114	182	180	228
Water System	Water flow volume	l/s	0.03	0.04	0.06	0.07	0.08	0.11	0.13	0.15
	Pressure drop	kPa	20	21	22	30	35	40	33	40
		Ft.WG	6.56	6.89	7.22	9.84	11.48	13.12	10.82	13.12
Sound prssure level		dB(A)	35	39	41	43	46	46	48	50
Dimension (WxDxH)	Outline	mm	680×490×235	800×460×235	900×490×235	1000×490×235	1080×490×235	1380×490×235	1520×490×235	1620×490×235
	Package	mm	788×258×570	908×258×570	1008×258×570	1108×258×570	1188×258×570	1488×258×570	1623×258×570	1728×258×570
Net weight/Gross weight		kg	11.6/14.6	13.4/16.9	14.7/18.4	16/19.9	17.4/21.4	24/29	26.6/32.2	28.5/34
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	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
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0							

Generation II G Series Horizontal Concealed FCU 60Hz (3 Rows/30Pa)

Model			FP-34WAHS/G-D	FP-51WAHS/G-D	FP-68WAHS/G-D	FP-85WAHS/G-D	FP-102WAHS/G-D	FP-136WAHS/G-D	FP-170WAHS/G-D	FP-204WAHS/G-D
Air flow volume(H/M/L)		m³/h	340/248/173	510/394/263	680/495/330	850/638/425	1020/788/525	1360/1095/730	1700/1275/850	2040/1575/1050
		CFM	200/146/102	300/232/155	400/291/194	500/375/250	600/464/309	800/644/430	1000/750/500	1201/927/618
ESP		Pa	30	30	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	2.25/3.70	3.30/5.40	4.40/7.35	5.20/8.50	6.60/10.65	8.30/13.50	10.20/17	12.20/20
Power System	Type	Ph/V/Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	49	64	74	105	123	183	221	273
Water System	Water flow volume	l/s	0.03	0.04	0.06	0.07	0.08	0.11	0.13	0.15
	Pressure drop	kPa	20	21	22	30	35	40	33	40
		Ft.WG	6.56	6.89	7.22	9.84	11.48	13.12	10.82	13.12
Sound prssure level		dB(A)	38	40	44	46	48	49	50	52
Dimension (WxDxH)	Outline	mm	680×490×235	800×460×235	900×490×235	1000×490×235	1080×490×235	1380×490×235	1520×490×235	1620×490×235
	Package	mm	788×258×570	908×258×570	1008×258×570	1108×258×570	1188×258×570	1488×258×570	1623×258×570	1728×258×570
Net weight/Gross weight		kg	11.6/14.6	13.4/16.9	14.7/18.4	16/19.9	17.4/21.4	24/29	26.6/32.2	28.5/34
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	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
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0							

Generation II G Series Horizontal Concealed FCU 50Hz (3 Rows/50Pa)

Model			FP-34WAUS/ G(T)-K*	FP-51WAUS/ G(T)-K*	FP-68WAUS/ G(T)-K*	FP-85WAUS/ G(T)-K*	FP-102WAUS/ G(T)-K*	FP-136WAUS/ G(T)-K*	FP-170WAUS/ G(T)-K*	FP-204WAUS/ G(T)-K*
Air flow volume(H/M/L)		m³/h	340/248/173	510/394/263	680/495/330	850/638/425	1020/788/525	1360/1095/730	1700/1275/850	2040/1575/1050
		CFM	200/146/102	300/232/155	400/291/194	500/375/250	600/464/309	800/644/430	1000/750/500	1201/927/618
ESP		Pa	50	50	50	50	50	50	50	50
Capacity	Cooling/Heating	kW	2.25/3.60	3.30/5.30	4.30/6.93	5/8.05	6.30/10.10	8.20/13.20	9.80/15.80	11.25/18.6
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	1/220~240/50	1/220~240/50
	Input	W	48	66	83	97	114	174	204	245
Water System	Water flow volume	l/s	0.09	0.14	0.17	0.21	0.27	0.4	0.5	0.55
	Pressure drop	kPa	20	21	22	30	35	40	36	40
		Ft.WG	6.56	6.89	7.22	9.84	11.48	13.12	11.81	13.12
Sound prssure level		dB(A)	42	43	44	46	47	48	52	53
Dimension (WxDxH)	Outline	mm	680×490×235	800×460×235	900×490×235	1000×490×235	1080×490×235	1380×490×235	1520×490×235	1620×490×235
	Package	mm	788×258×570	908×258×570	1008×258×570	1108×258×570	1188×258×570	1488×258×570	1623×258×570	1728×258×570
Net weight/Gross weight		kg	11.2/14.2	13/16.5	14.3/18	15.5/19.4	16.6/20.6	23/28	26.2/31.8	28.5/34
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	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
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0				Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0			

Generation I Horizontal Concealed FCU 50/60Hz (3Rows, ESP: 30Pa)

Model			FP-238WAS-R		FP-272WAS-R		FP-306WAS-R		FP-340WAS-R		
Air flow volume(H/M/L)			CFM	1400/971/729		1600/1235/868		1800/1006/674		2000/1400/812	
ESP			Pa	30		30		30		30	
Capacity	Cooling/Heating	kW	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, 1/208~230/60								
	Input	W	380		475		535		640		
Water system	Water flow volume	l/s	0.57		0.64		0.74		0.79		
	Pressure drop	kPa	21.9		27.9		37.5		41.2		
		Ft-WG	7.3		9.3		12.5		13.7		
Sound pressure level		dB(A)	56		59		62		63		
Dimension (W×D×H)	Outline	mm	1671×595×354		1671×595×354		1921×595×354		1921×595×354		
	Package	mm	1750×650×380		1750×650×380		1950×650×380		1950×650×380		
Net weight/Gross weight		kg	48/55		48/55		52/60		52/60		
Connection pipe diameter	Water inlet & outlet (inner groove)	inch(mm)	Rc1								
	Condensed water drain (outer groove)	inch(mm)	Rc1								
Loading quantity	40'GP/40'HQ	set	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	—	HF28		HF28		HF29		HF29		
	Plenum without filter	—	HF48		HF48		HF49		HF49		

Notes: As units stated above are in development, parameters listed above are estimated values and those on the nameplate always prevail.

Generation I Horizontal Concealed FCU 50Hz (3+1Rows, ESP: 30Pa)

Model			FP-34WAT-R	FP-51WAT-R	FP-68WAT-R	FP-85WAT-R	FP-102WAT-R	FP-136WAT-R
Air flow volume(H/M/L)		m³/h	340/255/170	600/450/300	680/510/340	850/637/425	1020/765/510	1450/1087/725
		CFM	200/150/100	353/265/177	401/300/200	501/375/250	601/451/300	854/640/427
ESP		Pa	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	2.3/2.1	3.6/3.35	4.35/4	5.4/4.6	6.7/5.35	8.1/7
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	43	59	70	84	105	151
Water System	Water flow volume	l/s	0.11	0.17	0.21	0.29	0.32	0.39
		kPa	11	23	18	38	57	17
	Pressure drop	Ft.WG	3.48	7.64	5.97	12.46	18.53	5.51
Sound prssure level		dB(A)	40	42	44	46	47	48
Dimension (W×D×H)	Outline	mm	881×510×245	1011×510×245	1131×510×245	1211×510×245	1371×510×245	1761×510×245
	Package	mm	900x560x275	1030x560x275	1150x560x275	1230x560x275	1390x560x275	1780x560x275
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
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"
	Condensed water drain(outer groove)	inch(mm)	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"
Loading quantity	40'GP/40'HQ	set	448/490	392/434	344/386	316/355	268/301	220/247
Standard controller	Wiredless remote	-	/					
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0					
Optionals	Plenum with filter	-	HF31	HF32	HF33	HF34	HF35	HF36
	Plenum without filter	-	HF41	FH42	FH43	HF44	HF45	FH46

Model			FP-170WAT-R	FP-204WAT-R	FP-238WAT-R	FP-272WAT-R	FP-306WAT-R	FP-340WAT-R
Air flow volume(H/M/L)		m³/h	1800/1350/900	2040/1530/1020	2380/1650/1240	2720/2100/1470	3060/1710/1140	3400/2380/1380
		CFM	1060/795/530	1202/901/601	1400/970/729	1600/1235/867	1800/1006/674	2000/1400/812
ESP		Pa	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	10.35/8.3	11/8.95	12.35/12.97	13.49/14.16	15.67/16.46	16.53/17.36
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	206	380	475	535	640
Water System	Water flow volume	l/s	0.50	0.52	0.59	0.65	0.8	0.84
		kPa	28	29	21.8	26.6	42.1	46.4
	Pressure drop	Ft.WG	9.18	9.64	7.3	8.9	14	15.5
Sound prssure level		dB(A)	50	52	56	58	60	61
Dimension (W×D×H)	Outline	mm	1921×510×245	1921×510×245	1671×595×354	1671×595×354	1921×595×354	1921×595×354
	Package	mm	1940x560x275	1940x560x275	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	52/60	59/66	59/66
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	Rc3/4"	Rc3/4"	Rc1	Rc1	Rc1	Rc1
	Condensed water drain(outer groove)	inch(mm)	Rc3/4"	Rc3/4"	Rc1	Rc1	Rc1	Rc1
Loading quantity	40'GP/40'HQ	set	196/220	196/220	140/166	140/166	130/153	130/153
Standard controller	Wiredless remote	-	/					
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0					
Optionals	Plenum with filter	-	HF37	HF37	HF28	HF28	HF29	HF29
	Plenum without filter	-	HF47	HF47	HF48	HF48	HF49	HF49

Generation I Horizontal Concealed FCU 50Hz (4Rows, ESP: 30Pa)

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)		m³/h	340/255/170	550/412/275	680/510/340	730/547/365	1020/765/510	1450/1087/725
		CFM	200/150/100	324/243/162	401/300/200	430/322/215	601/451/300	854/640/427
ESP		Pa	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	2.6/4.3	4/6.5	4.7/7.3	5.6/8.6	7.5/10.5	9.2/14.5
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	43	59	70	84	105	151
Water System	Water flow volume	l/s	0.11	0.19	0.24	0.31	0.35	0.43
	Pressure drop	kPa	15	8	10	23	36	16
		Ft.WG	4.92	2.56	3.18	7.64	11.64	5.38
Sound prssure level		dB(A)	40	42	44	46	47	48
Dimension (W×D×H)	Outline	mm	881×510×245	1011×510×245	1131×510×245	1211×510×245	1371×510×245	1761×510×245
	Package	mm	900x560x275	1030x560x275	1150x560x275	1230x560x275	1390x560x275	1780x560x275
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
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"
	Condensed water drain(outer groove)	inch(mm)	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"
Loading quantity	40'GP/40'HQ	set	448/490	392/434	344/386	316/355	268/301	220/247
Standard controller	Wiredless remote	-	/					
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0					
Optionals	Plenum with filter	-	HF31	HF32	HF33	HF34	HF35	HF36
	Plenum without filter	-	HF41	FH42	FH43	HF44	HF45	FH46

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)		m³/h	1800/1350/900	2040/1530/1020	2380/1650/1240	2720/2100/1470	3060/1710/1140	3400/2380/1380
		CFM	1060/795/530	1202/901/601	1400/970/729	1600/1235/867	1800/1006/674	2000/1400/812
ESP		Pa	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	11/18	12.2/20	14.2/21.4	16.0/24.0	18.7/28.1	19.8/29.7
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	206	380	475	535	640
Water System	Water flow volume	l/s	0.51	0.58	0.78	0.89	1.02	1.13
	Pressure drop	kPa	23.9	31.5	29.2	21.7	26.2	32.5
		Ft.WG	7.84	10.33	9.7	7.2	8.7	10.8
Sound prssure level		dB(A)	50	52	56	58	60	61
Dimension(W×D×H)	Outline	mm	1921×510×245	1921×510×245	1671×595×354	1671×595×354	1921×595×354	1921×595×354
	Package	mm	1940x560x275	1940x560x275	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	52/60	59/66	59/66
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"
	Condensed water drain(outer groove)	inch(mm)	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"
Loading quantity	40'GP/40'HQ	set	196/220	196/220	140/166	140/166	130/153	130/153
Standard controller	Wiredless remote	-	/					
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0					
Optionals	Plenum with filter	-	HF37	HF37	HF28	HF28	HF29	HF29
	Plenum without filter	-	HF47	HF47	HF48	HF48	HF49	HF49

Generation I Horizontal Concealed FCU 60Hz (3+1Rows, ESP: 30Pa)

Model			FP-34WAT-R	FP-51WAT-R	FP-68WAT-R	FP-85WAT-R	FP-102WAT-R	FP-136WAT-R
Air flow volume(H/M/L)		m³/h	360/270/180	630/473/315	690/518/345	890/668/445	1040/780/520	1490/1118/745
		CFM	212/159/106	371/278/186	406/305/203	524/393/262	613/459/306	878/658/439
ESP		Pa	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	2.35/2.15	3.8/3.4	4.4/4.1	5.6/4.7	6.8/5.6	8.2/7.2
Power System	Type	Ph/V/Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	49	80	82	112	140	192
Water System	Water flow volume	l/s	0.11	0.17	0.21	0.29	0.32	0.39
	Pressure drop	kPa	11	23	18	38	57	17
		Ft.WG	3.48	7.64	5.97	12.46	18.53	5.51
Sound prssure level		dB(A)	40	42	44	46	47	48
Dimension(W×D×H)	Outline	mm	881×510×245	1011×510×245	1131×510×245	1211×510×245	1371×510×245	1761×510×245
	Package	mm	900x560x275	1030x560x275	1150x560x275	1230x560x275	1390x560x275	1780x560x275
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
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Loading quantity	40'GP/40'HQ	set	448/490	392/434	344/386	316/355	268/301	220/247
Standard controller	Wiredless remote	-	/					
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0					
Optionals	Plenum with filter	-	HF31	HF32	HF33	HF34	HF35	HF36
	Plenum without filter	-	HF41	FH42	FH43	HF44	HF45	FH46

Model			FP-170WAT-R	FP-204WAT-R	FP-238WAT-R	FP-272WAT-R	FP-306WAT-R	FP-340WAT-R
Air flow volume(H/M/L)		m³/h	1850/1388/925	2160/1620/1080	2380/1650/1240	2720/2100/1470	3060/1710/1140	3400/2380/1380
		CFM	1090/817/545	1272/954/636	1400/970/729	1600/1235/867	1800/1006/674	2000/1400/812
ESP		Pa	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	10.5/8.4	11.2/9.1	12.35/12.97	13.49/14.16	15.67/16.46	16.53/17.36
Power System	Type	Ph/V/Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	217	277	380	475	535	640
Water System	Water flow volume	l/s	0.50	0.52	0.59	0.65	0.8	0.84
	Pressure drop	kPa	28	29	21.8	26.6	42.1	46.4
		Ft.WG	9.18	9.64	7.3	8.9	14	15.5
Sound prssure level		dB(A)	50	52	56	58	60	61
Dimension(W×D×H)	Outline	mm	1921×510×245	1921×510×245	1671×595×354	1671×595×354	1921×595×354	1921×595×354
	Package	mm	1940x560x275	1940x560x275	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	52/60	59/66	59/66
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	Rc1	Rc1	Rc1	Rc1
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	Rc1	Rc1	Rc1	Rc1
Loading quantity	40'GP/40'HQ	set	196/220	196/220	140/166	140/166	130/153	130/153
Standard controller	Wiredless remote	-	/					
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0					
Optionals	Plenum with filter	-	HF37	HF37	HF28	HF28	HF29	HF29
	Plenum without filter	-	HF47	HF47	HF48	HF48	HF49	HF49

Generation I Horizontal Concealed FCU 60Hz (4Rows, ESP: 30Pa)

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)		m ³ /h	360/270/180	590/443/295	690/518/345	820/615/410	1040/780/520	1490/1118/745
		CFM	212/159/106	348/261/174	406/305/203	483/362/241	613/459/306	878/658/439
ESP		Pa	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	2.65/4.35	4.08/6.55	4.8/7.4	5.8/8.8	7.6/11.5	9.3/14.7
Power System	Type	Ph/V/Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	49	80	82	103	140	192
Water System	Water flow volume	l/s	0.11	0.19	0.24	0.31	0.35	0.43
		kPa	15	8	10	23	36	16
	Pressure drop	Ft.WG	4.92	2.56	3.18	7.64	11.64	5.38
Sound prssure level		dB(A)	40	42	44	46	47	48
Dimension(W×D×H)	Outline	mm	881×510×245	1011×510×245	1131×510×245	1211×510×245	1371×510×245	1761×510×245
	Package	mm	900x560x275	1030x560x275	1150x560x275	1230x560x275	1390x560x275	1780x560x275
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
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Loading quantity	40'GP/40'HQ	set	448/490	392/434	344/386	316/355	268/301	220/247
Standard controller	Wireless remote	-	/					
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0					
Optionals	Plenum with filter	-	HF31	HF32	HF33	HF34	HF35	HF36
	Plenum without filter	-	HF41	FH42	FH43	HF44	HF45	FH46

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)		m ³ /h	1850/1388/925	2160/1620/1080	2380/1650/1240	2720/2100/1470	3060/1710/1140	3400/2380/1380
		CFM	1090/817/545	1272/954/636	1400/970/729	1600/1235/867	1800/1006/674	2000/1400/812
ESP		Pa	30	30	30	30	30	30
Capacity	Cooling/Heating	kW	11.2/18.2	12.5/20.8	14.2/21.4	16.0/24.0	18.7/28.1	19.8/29.7
Power System	Type	Ph/V/Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	217	277	380	475	535	640
Water System	Water flow volume	l/s	0.51	0.58	0.78	0.89	1.02	1.13
		kPa	23.9	31.5	29.2	21.7	26.2	32.5
	Pressure drop	Ft.WG	7.84	10.33	9.7	7.2	8.7	10.8
Sound prssure level		dB(A)	50	52	56	58	60	61
Dimension(W×D×H)	Outline	mm	1921×510×245	1921×510×245	1671×595×354	1671×595×354	1921×595×354	1921×595×354
	Package	mm	1940x560x275	1940x560x275	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	52/60	59/66	59/66
Connetion pipe diameter	Water inlet & outlet(inner groove)	inch(mm)	3/4"	3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"
	Condensed water drain(outer groove)	inch(mm)	3/4"	3/4"	Rc3/4"	Rc3/4"	Rc3/4"	Rc3/4"
Loading quantity	40'GP/40'HQ	set	196/220	196/220	140/166	140/166	130/153	130/153
Standard controller	Wireless remote	-	/					
Optional controller	Wired remote	-	Luxury wired controller:WK-010PA-K/LCD controller:WK-110PA0					
Optionals	Plenum with filter	-	HF37	HF37	HF28	HF28	HF29	HF29
	Plenum without filter	-	HF47	HF47	HF48	HF48	HF49	HF49

Cassette Type



Inner groove copper



Built-in drain pump



Washable filter



Anti-cold function



Quiet function



Multi fan speed



Compact design



Self-diagnosis

- Thanks to optimized air flue design that greatly improve the fan efficiency and lower the operation noise.
- Four directions airflow that makes an even temperature and humidity distribution.
- Evaporator moisture auto cleaning after power off to avoid mildew.
- Forced high speed fan operation under emergency condition.



Nominal test condition (temperature)				
Item	DB (°C)	WB (°C)	Inlet (°C)	Outlet (°C)
Cooling	27	19.5	7	12
Heating	21	—	60	—

2 Pipe Type 50/60Hz

Model		FP-85XD/B-T	FP-102XD/B-T	FP-125XD/B-T	FP-140XD/B-T	FP-160XD/B-T	FP-180XD/B-T	FP-200XD/B-T
Air flow volume (H/M/L)	CFM	471/382/324	600/559/529	694/588/529	824/735/676	912/824/765	1059/853/794	1176/1000/853
Capacity	Cooling/Heating	kW	4.50/5.60	5.00/6.50	6.00/7.80	8.00/9.00	8.70/10.00	9.50/11.00
Power system	Type	Ph/V/Hz	1/220~240/50, 1/208~230/60					
	Input	W	75	110	82	120	125	160
Water system	Water flow volume	l/s	0.21	0.24	0.29	0.38	0.42	0.45
		kPa	24	36	24	30	30	34
	Pressure drop	Ft.WG	7.872	11.871	7.872	9.840	9.840	11.221
Sound pressure level		dB(A)	39	49	43	50	51	50
Connection pipe size	Water inlet & outlet	inch(mm)	G3/4(26.4)	G3/4(26.4)	G3/4(26.4)	G3/4(26.4)	G3/4(26.4)	G3/4(26.4)
	Condensed water drain	mm	33	33	33	33	33	33
Body	Dimension (W×D×H)	Outline	mm	840×840×190	840×840×190	840×840×240	840×840×240	840×840×320
		Package	mm	960×960×257	960×960×257	960×960×310	960×960×310	960×960×394
	Net weight/Gross weight	kg	25/33	25/33	27/34	27/35	27/35	32/41
Panel	Dimension (W×D×H)	Outline	mm	950×950×85	950×950×85	950×950×85	950×950×85	950×950×85
		Package	mm	1030×1035×118	1030×1035×118	1030×1035×118	1030×1035×118	1030×1035×118
	Net weight/Gross weight	kg	7/11	7/11	7/11	7/11	7/11	7/11
Loading quantity	40'GP/40'HQ	set	131/147	131/147	117/133	117/133	117/133	98/112
Standard controller	Wireless remote	-	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)
Optional controller	Wired remote	-	Z4E351B	Z4E351B	Z4E351B	Z4E351B	Z4E351B	Z4E351B

Floor Ceiling Type



- Inner groove copper
- Washable filter
- Anti-cold function
- Quiet function
- Auto clean
- Multi fan speed
- Self-diagnosis
- Compact design

- Thanks to optimized air flue design that greatly improve the fan efficiency and lower the operation noise.
- The fan will be operated only if the chilled water inlet temperature is lower than the setting value to avoid warm air under cooling condition.



Item	Nominal test condition (temperature)			
	DB(°C)	DB(°C)	DB(°C)	DB(°C)
Cooling	27	19	7	12
Heating	21	—	70	60

50Hz

Model			FP-34ZD-K	FP-51ZD-K	FP-68ZD-K	FP-85ZD-K	FP-102ZD-K	FP-136ZD-K	FP-170ZD-K	FP-204ZD-K
Air flow volume (H/M/L)		m³/h	400/292/250	510/395/264	680/450/430	720/615/410	1020/765/510	1100/880/550	1800/1276/850	2040/1575/1051
		CFM	235/172/147	300/232/155	400/265/194	424/362/241	599/450/300	647/518/324	1059/751/500	1201/927/619
Capacity	Cooling	kW	2.0	2.8	3.6	4.2	5.4	6.35	8.9	9.9
	Heating	kW	5.0	7.2	8.5	9.5	11.5	13.7	19.0	21.0
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	1/220~240/50	1/220~240/50
	Input	W	45	58	72	80	86	78	150	200
Water system	Water flow volume	l/s	0.13	0.14	0.16	0.20	0.27	0.32	0.40	0.44
	Pressure drop	kPa	16.5	5	10	20	36	38	52	55
		Ft·WG	5.41	1.64	3.28	6.56	11.81	12.46	17.06	18.04
Sound pressure level		dB(A)	37	38	45	47	49	48	50	55
Connection pipe diameter	Water inlet & outlet	inch(mm)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)
	Condensed water drain	inch(mm)	φ5/8(15.60)	φ5/8(15.60)	φ5/8(15.60)	φ5/8(15.60)	φ5/8(15.60)	φ5/8(15.60)	φ5/8(15.60)	φ5/8(15.60)
Dimension (W×D×H)	Outline	mm	834×238×694	834×238×694	834×238×694	834×238×694	1300×188×600	1300×188×600	1590×238×695	1590×238×695
	Package	mm	963×333×845	963×333×845	963×333×845	963×333×845	1417×251×739	1417×251×739	1717×333×845	1717×333×845
Net weight/Gross weight		kg	26/33	26/33	27/34	27/34	34/40	34/40	48.5/57	48.5/57
Loading quantity		40'GP/40'HQ	set	224/267	224/267	224/267	220/267	220/244	220/244	111/117
Standard	Wireless remote controller		—	YB1FA	YB1FA	YB1FA	YB1FA	YB1FA	YB1FA	YB1FA
Optional	Wired remote controller		—	Z4E351B	Z4E351B	Z4E351B	Z4E351B	Z4E351B	Z4E351B	Z4E351B

60Hz

Model			FP-34WM-D	FP-51WM-D	FP-68WM-D	FP-85WM-D	FP-102WM-D	FP-136WM-D	FP-170WM-D	FP-204WM-D
Air flow volume(H/M/L)		m³/h	400/292/250	510/395/264	680/495/330	820/615/410	1020/765/510	1190/892/595	1700/1276/850	2040/1575/1051
		CFM	235/172/147	300/232/155	400/291/194	482/362/241	600/450/300	700/525/350	1000/751/500	1200/926/618
Capacity	Cooling	kW	2.93	3.32	4.3	5.17	5.68	7.05	9	9.7
	Heating	kW	5.36	5.76	6.95	8.1	9.2	10.6	14.5	15.9
Power system	Type	V-Ph-Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	47	49	69	81	100	100	170	220
Water system	Water flow volume	l/s	0.14	0.16	0.21	0.25	0.26	0.32	0.43	0.45
	Pressure drop	kPa	10	12	18	30	50	55	55	55
		Ft·WG	3.28	3.94	5.9	9.84	16.4	18.04	18.04	18.04
Sound pressure level		dB(A)	41	41	46	48	51	51	48	50
Connection pipe size	Water inlet & outlet	inch	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)
	Condensed water drain pipe	inch	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)	φ3/4(19.05)
Dimension (W x D x H)	Outline	mm	934x694x238	934x694x238	934x694x238	834X694X238	1300x600x188	1300x600x188	1590x695x238	1590x695x238
	Package	mm	960x830x330	960x830x330	960x830x330	960X830X330	1414x724x248	1414x724x248	1714x830x330	1714x830x330
Net weight/Gross weight		kg	26/35	26/35	26/35	34/38	34/38	34/38	48.5/57	48.5/57
Loading quantity		40'GP/40'HQ	set	224/267	224/267	224/267	224/267	220/224	220/224	111/117
Standard	Wireless remote controller		YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)
Optional	Wired remote controller		Z4B351B	Z4B351B	Z4B351B	Z4B351B	Z4B351B	Z4B351B	Z4B351B	Z4B351B

Wall-mounted Type



- Inner groove copper
- Washable filter
- Anti-cold function
- Quiet function
- Auto clean
- Multi fan speed
- Compact design

* 5 different panels for user's option choice.

- Thanks to optimized air flue design that greatly improve the fan efficiency and lower the operation noise.
- Reasonable airflow that makes an even temperature and humidity distribution.
- The unit is with air valve for more reliable operation.



Nominal test condition (temperature)				
Item	DB(°C)	WB(°C)	Inlet(°C)	Outlet(°C)
Cooling	27	19	7	12
Heating	21	—	60	—

50Hz

Model			FP-34BA2/D-K	FP-51BA2/D-K	FP-68BA2/D-K	FP-85BA2/D-K
Air flow volume	High	CFM	212	324	400	500
	Medium	CFM	189	243	348	417
	Low	CFM	166	216	313	363
ESP		Pa	0	0	0	0
Capacity	Cooling	kW	2	2.5	3.6	4.2
	Heating	kW	2.7	3.2	4.6	5.4
Power system	Type	Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Input	W	50	50	60	66
Water system	Water flow volume	l/s	0.111	0.125	0.167	0.195
	Pressure drop	kPa	20	36	53	70
		Ft·WG	6.56	11.81	17.38	22.96
Sound pressure level		dB(A)	35	40	43	48
Connection pipe diameter	Water inlet & outlet	inch(mm)	φ1/2(12.7)	φ1/2(12.7)	φ1/2(12.7)	φ1/2(12.7)
	Condensed water drain	inch(mm)	φ5/8(15.6)	φ5/8(15.6)	φ5/8(15.6)	φ5/8(15.6)
Dimension (W×D×H)	Outline	mm	845x180x275	845x180x275	940x200x298	940x200x298
	Package	mm	915x255x355	915x255x355	1010x285x380	1010x285x380
Net weight/Gross weight		kg	11/14	11/14	13/17	13/17
Loading quantity		40'GP/40'HQ	set	765/850	595/671	595/671
Standard	Wireless remote controller	—	YB1FA(XFAN)	YB1FA(XFAN)	YB1FA(XFAN)	YB1FA(XFAN)
Optional	Wired remote controller	—	Z4E351B	Z4E351B	Z4E351B	Z4E351B

60Hz

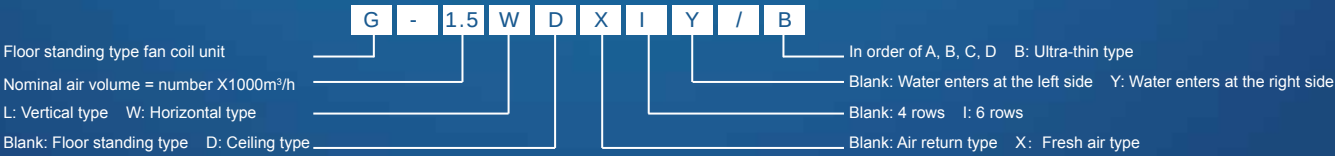
Model			FP-34BA2/B-D	FP-51BA2/B-D	FP-68BA2/B-D	FP-85BA2/B-D	FP-102BA2/B-D
Air flow volume	High	CFM	212	324	400	500	588
	Medium	CFM	189	242	347	416	493
	Low	CFM	166	215	312	362	423
Capacity	Cooling	kW	2.1	2.7	3.6	4.2	5.4
	Heating	kW	3.15	4.05	5.4	6.3	8.5
Power system	Type	V-Ph-Hz	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60	1/208~230/60
	Input	W	50	50	60	60	70
Water system	Water flow volume	l/s	0.11	0.13	0.18	0.22	0.25
		kPa	13	24	44	45	63
	Pressure drop	Ft-WG	4.3	7.9	14.5	14.8	20.7
Sound pressure level		dB(A)	35	40	43	48	49
Connection pipe size	Water inlet &outlet	inch	φ1/2(12.70)	φ1/2(12.70)	φ1/2(12.70)	φ1/2(12.70)	φ1/2(12.70)
	Condensed water drain pipe	inch	φ5/8(15.90)	φ5/8(15.90)	φ5/8(15.90)	φ5/8(15.90)	φ5/8(15.90)
Dimension (W x D x H)	Outline	mm	845x180x275	845x180x275	940x200x298	940x200x298	940x200x298
	Package	mm	915x255x355	915x255x355	1010x285x380	1010x285x380	1010x285x380
Net weight/Gross weight		kg	11/14	11/14	13/17	13/17	13/17
Loading quantity		set	765/850	765/850	595/671	595/671	595/671
Standard	Wireless remote controller		YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)	YB1FA(X-FAN)
Optional	Wired remote controller		Z4B351B	Z4B351B	Z4B351B	Z4B351B	Z4B351B



Air Handling Unit

This series is the air handling unit of central air conditioning system. The units of this series are made up of the cooling coil, fan, motor, filter and heat insulation cabinet etc. The units handle the indoor air through heat exchange between chilled (or hot) water and indoor circulating air (or outdoor fresh air) for cold (heat) exchange. The units will perform cooling (heating), dehumidifying and purifying etc. to the air according to the requirements, and distribute the processed air to each district by the duct.

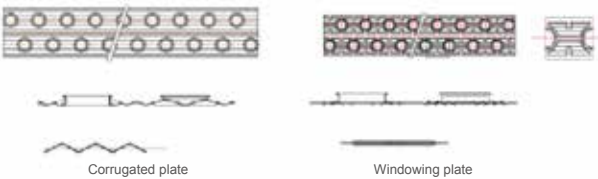
Product Naming Rules



Features

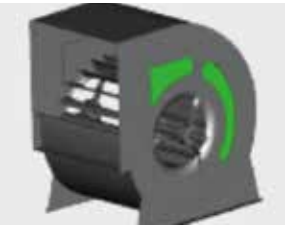
Highly Efficient Heat Exchanger

- The high-efficiency double flange of the aluminum fin made by imported special equipment and tooling proceed is closely combined with cooper pipe by mechanical expanding, cooperating with different cooling coil flow design and air flow speed design to ensure high efficiency of the whole unit.



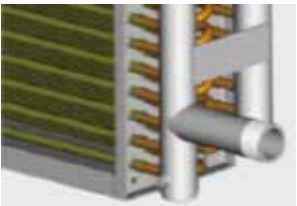
High-efficiency Motor and Fan

- The unit adopts high-quality motor and low-noise and high-efficiency centrifugal fan to make it work in the stable extent by optimized design.



Anti-freezing Cooling Coil

- The new type of high-efficiency and anti-freezing heat exchanger, makes use of gravitational and heat transfer principles to ensure higher heat exchange efficiency and meanwhile to prevent freezing in winter by draining the water fully.



Belt Transmission

- This series is endowed with the features of beautiful appearance, low weight, convenient installation, space saving, simple control and easy operation, which can be widely applied in hotels, shops and industrial
- air conditioning protects as fresh air unit or air return unit. It is easier to debug the project and reduce the cost.



Horizontal Mounted Packaged Unit *

It is a kind of fan coil unit that is connected to the chillers to realize cooling/heating for civil or industrial use.

B Series



E Series



Washable filter



Quiet function



Compact design



Easier maintainability

B Series

- Anti-freeze designed cooling coil.
- Anti-corrosion thanks to painted double-faced electro-galvanized or hot-electro-galvanized metal case.
- Easy maintenance thanks to detachable panel and adjustable motor base.
- Blue hydrophilic aluminum fin: The fin is anti-corrosion and easy clean, lower decreasing of performance after years of operation.
- Anti-frostcrack design for heat exchanger: With proper designed water discharge valve, complete water discharging is ensured, so that the copper tube will not be frost cracked during winter.
- The heat exchange stream is well optimized design, that the heat exchange performance of the heat exchanger can be maximum utilized.
- Slimmer body by maximum optimized design, can save more space and bring down the cost.

E Series

- Anti-freeze designed cooling coil.
- Anti-corrosion thanks to painted double-faced electro-galvanized or hot-electro-galvanized metal case.
- Easy maintenance thanks to detachable panel and adjustable motor base.
- Blue hydrophilic aluminum fin: The fin is anti-corrosion and easy clean, lower decreasing of performance after years of operation.
- Anti-frostcrack design for heat exchanger: With proper designed water discharge valve, complete water discharging is ensured, so that the copper tube will not be frost cracked during winter.
- The heat exchange stream is well optimized design, that the heat exchange performance of the heat exchanger can be maximum utilized.
- Slimmer body by maximum optimized design, can save more space and bring down the cost.

Nominal test condition (temperature)					
Item		DB (°C)	WB (°C)	Inlet (°C)	Outlet (°C)
Return air type	Cooling	27	19.5	7	12
	Heating	21	—	60	—
Fresh air type	Cooling	35	28	7	12
	Heating	7	—	60	—

*: These series models are basic models. They may not have the required certificate in your targeted market. For more information, please consult your regional sales manager.

B Series 50Hz/60Hz

Model			G-1.5WD(I)(Y)/B-M		G-1.5WDX(I)(Y)/B-M		G-2WD(I)(Y)/B-M		G-2WDX(I)(Y)/B-M		G-2.5WD(I)(Y)/B-M		G-2.5WDX(I)(Y)/B-M		
			G-1.5WD(I)(Y)/B-H		G-1.5WDX(I)(Y)/B-H		G-2WD(I)(Y)/B-H		G-2WDX(I)(Y)/B-H		G-2.5WD(I)(Y)/B-H		G-2.5WDX(I)(Y)/B-H		
			G-1.5WD(I)(Y)/B-F		G-1.5WDX(I)(Y)/B-F		G-2WD(I)(Y)/B-F		G-2WDX(I)(Y)/B-F		G-2.5WD(I)(Y)/B-F		G-2.5WDX(I)(Y)/B-F		
Airflow volume			m³/h	1500		1500		2000		2000		2500		2500	
			CFM	881		881		1174		1174		1468		1468	
Capacity (4/6 rows)	Cooling	kW	8.40/12.03		20.85/23.49		11.03/13.50		25.71/31.32		14.10/18.42		35.48/39.15		
	Heating	kW	13.7/17.28		22.58/26.19		17.96/19.58		28.26/33.21		22.27/27.02		37.64/42.91		
Water flow volume (4/6 rows)			l/s	0.41/0.57		1.00/1.25		0.53/0.65		1.23/1.59		0.67/0.88		1.69/2.05	
			Ft.WG	1.80/2.51		4.38/5.48		2.33/2.86		5.39/6.97		2.95/3.87		7.41/8.99	
Pressure drop (4/6 rows)			kPa	5/7		10.74/21.05		7/10		15.60/32.19		8/11		30.81/20.99	
			Ft.WG	1.67/2.34		3.58/7.02		2.34/3.33		5.2/10.73		2.67/3.67		10.27/7.0	
Esp.range(optional)			Pa	40-300		40-300		40-300		40-300		50-350		50-350	
			Ft.WG	0.013-0.098		0.013-0.098		0.013-0.098		0.013-0.098		0.016-0.115		0.016-0.115	
4 Rows	ESP range	ESP	Pa	40-300		40-300		40-300		40-300		50-210		50-210	
		Motor Input	kW	0.55		0.55		-		-		0.55		0.55	
	ESP range	ESP	Pa	-		-		-		-		210-350		210-350	
		Motor Input	kW	-		-		-		-		0.75		0.75	
	ESP range	ESP	Pa	-		-		-		-		-		-	
		Motor Input	kW	-		-		-		-		-		-	
6 Rows	ESP range	ESP	Pa	40-300		40-300		40-300		40-300		50-210		50-210	
		Motor Input	kW	0.55		0.55		-		-		0.55		0.55	
	ESP range	ESP	Pa	-		-		-		-		210-350		210-350	
		Motor Input	kW	-		-		0.75		0.75		0.75		0.75	
	ESP range	ESP	Pa	-		-		-		-		-		-	
		Motor Input	kW	-		-		-		-		-		-	
Net weight (4/6 rows)			kg	103/140		103/140		138/150		138/150		146/160		146/160	
Gross weight (4/6 rows)			kg	130/170		130/170		173/185		173/185		186/200		186/200	
Sound pressure level			dB(A)	53		53		55		55		56		56	
Connection pipe size	Water inlet & outlet		-	DN40		DN40		DN40		DN40		DN40		DN40	
	Condensed water drain		-	DN25		DN25		DN25		DN25		DN25		DN25	
Dimension (WxDxH)	Outline		mm	1100×1020×440		1100×1020×440		1100×1020×460		1100×1020×460		1400×1120×460		1400×1120×460	
	Package		mm	1280×1130×595		1280×1130×595		1280×1230×615		1280×1230×615		1580×1230×615		1580×1230×615	
Loading quantity	40'GP		set	54		54		54		54		44		44	
	40'HQ		set	54		54		54		54		44		44	

Model			G-3WD(I)(Y)/B-M	G-3WDX(I)(Y)/B-M	G-4WD(I)(Y)/B-M	G-4WDX(I)(Y)/B-M	G-5WD(I)(Y)/B-M	G-5WDX(I)(Y)/B-M	
			G-3WD(I)(Y)/B-H	G-3WDX(I)(Y)/B-H	G-4WD(I)(Y)/B-H	G-4WDX(I)(Y)/B-H	G-5WD(I)(Y)/B-H	G-5WDX(I)(Y)/B-H	
			G-3WD(I)(Y)/B-F	G-3WDX(I)(Y)/B-F	G-4WD(I)(Y)/B-F	G-4WDX(I)(Y)/B-F	G-5WD(I)(Y)/B-F	G-5WDX(I)(Y)/B-F	
Airflow volume		m³/h	3000	3000	4000	4000	5000	5000	
		CFM	1761	1761	2348	2348	2935	2935	
Capacity (4/6 rows)	Cooling	kW	17.11/21.53	40.6/46.99	22.50/28.78	48.74/62.64	28.69/36.19	60.87/78.31	
	Heating	kW	27.80/30.13	43.44/49.83	34.55/42.79	56.64/64.22	43.40/53.90	67.72/80.11	
Water flow volume (4/6 rows)		l/s	0.86/1.03	1.94/2.38	1.08/1.38	2.33/3.07	1.37/1.73	2.91/3.83	
		Ft.WG	3.78/4.53	8.51/10.4	4.75/6.07	10.2/13.46	6.03/7.61	12.76/16.80	
Pressure drop (4/6 rows)		kPa	11/15	39.15/27.45	13/16	6.50/13.40	16/19	10.10/20.70	
		Ft.WG	3.67/5	13.05/9.15	4.34/5.33	2.17/4.47	5.34/6.35	3.37/6.9	
Esp.range(optional)		Pa	50-350	50-350	65-350	65-350	65-350	65-350	
		Ft.WG	0.016-0.115	0.016-0.115	0.021-0.115	0.021-0.115	0.021-0.115	0.021-0.115	
4 Rows	ESP range	ESP	Pa	50-140	50-140	65-150	65-150	65-160	
		Motor Input	kW	0.55	0.55	0.75	0.75	1.1	
	ESP range	ESP	Pa	140-210	140-210	150-250	150-250	160-280	
		Motor Input	kW	0.75	0.75	1.1	1.1	1.5	
	ESP range	ESP	Pa	230-350	230-350	250-350	250-350	280-350	
		Motor Input	kW	1.1	1.1	1.5	1.5	2.2	
	6 Rows	ESP range	ESP	Pa	50-140	50-140	65-150	65-150	65-160
			Motor Input	kW	0.55	0.55	0.75	0.75	1.1
ESP range		ESP	Pa	140-230	140-230	150-250	150-250	160-280	
		Motor Input	kW	0.75	0.75	1.1	1.1	1.5	
ESP range		ESP	Pa	230-350	230-350	250-350	250-350	280-350	
		Motor Input	kW	1.1	1.1	1.5	1.5	2.2	
Net weight (4/6 rows)		kg	167/180	167/180	186/200	186/200	235/250	235/250	
Gross weight (4/6 rows)		kg	207/220	207/220	236/250	236/250	290/305	290/305	
Sound pressure level		dB(A)	58	58	59	59	60	60	
Connection pipe size	Water inlet & outlet	-	DN40	DN40	DN40	DN40	DN50	DN50	
	Condensed water drain	-	DN25	DN25	DN25	DN25	DN25	DN25	
Dimension (WxDxH)	Outline	mm	1680×1120×460	1680×1120×460	2080×1120×460	2080×1120×460	2180×1320×560	2180×1320×560	
	Package	mm	1780×1230×615	1780×1230×615	2180×1230×615	2180×1230×615	2280×1430×715	2280×1430×715	
Loading quantity	40'GP	set	44	44	18	18	18	18	
	40'HQ	set	44	44	18	18	18	18	

Model			G-6WD(I)(Y)/B-M		G-6WDX(I)(Y)/B-M		G-7WD(I)(Y)/B-M		G-7WDX(I)(Y)/B-M		G-8WD(I)(Y)/B-M		G-8WDX(I)(Y)/B-M		
			G-6WD(I)(Y)/B-H		G-6WDX(I)(Y)/B-H		G-7WD(I)(Y)/B-H		G-7WDX(I)(Y)/B-H		G-8WD(I)(Y)/B-H		G-8WDX(I)(Y)/B-H		
			G-6WD(I)(Y)/B-F		G-6WDX(I)(Y)/B-F		G-7WD(I)(Y)/B-F		G-7WDX(I)(Y)/B-F		G-8WD(I)(Y)/B-F		G-8WDX(I)(Y)/B-F		
Airflow volume			m³/h	6000		6000		7000		7000		8000		8000	
			CFM	3522		3522		4109		4109		4696		4696	
Capacity (4/6 rows)	Cooling	kW		33.47/43.52		73.21/93.97		39.04/53.22		91.62/109.63		44.62/59.70		100.82/125.29	
	Heating	kW		52.7/63.40		81.27/96.20		62.80/77.17		99.12/117.14		66.80/87.56		110.00/130.58	
Water flow volume (4/6 rows)			l/s	1.68/2.08		3.50/4.60		2.01/2.54		4.38/5.60		2.33/2.85		4.82/6.24	
			Ft.WG	7.39/9.15		15.35/20.1		8.84/11.18		19.2/24.56		10.25/12.54		21.1/27.37	
Pressure drop (4/6 rows)			kPa	16/21		10.10/20.70		17/21		16.40/32.40		18/22		19.40/39.30	
			Ft.WG	5.28/6.95		3.37/6.9		5.68/7.01		5.47/10.8		6.01/7.35		6.47/13.1	
Esp.range(optional)			Pa	75-400		75-400		75-400		75-400		90-450		90-450	
			Ft.WG	0.025-0.131		0.025-0.131		0.025-0.131		0.025-0.131		0.030-0.148		0.030-0.148	
4 Rows	ESP range	ESP	Pa	-		-		75-220		75-220		-		-	
		Motor Input	kW	-		-		1.5		1.5		-		-	
	ESP range	ESP	Pa	75-280		75-280		200-400		200-400		90-300		90-300	
		Motor Input	kW	1.5		1.5		2.2		2.2		2.2		2.2	
	ESP range	ESP	Pa	280-400		280-400		380-450		380-450		320-450		320-450	
		Motor Input	kW	2.2		2.2		3		3		3		3	
6 Rows	ESP range	ESP	Pa	-		-		75-200		75-200		-		-	
		Motor Input	kW	-		-		1.5		1.5		1.5		1.5	
	ESP range	ESP	Pa	75-280		75-280		200-400		200-400		90-300		90-300	
		Motor Input	kW	1.5		1.5		2.2		2.2		2.2		2.2	
	ESP range	ESP	Pa	280-400		280-400		-		-		320-450		320-450	
		Motor Input	kW	2.2		2.2		-		-		3		3	
Net weight (4/6 rows)			kg	235-250		235-250		280/300		280/300		325/350		325/350	
Gross weight (4/6 rows)			kg	290-305		290-305		340/360		340/360		390/415		390/415	
Sound pressure level			dB(A)	60		60		61		61		63		63	
Connection pipe size	Water inlet & outlet Condensed water drain		-	DN50		DN50		DN50		DN50		DN50		DN50	
			-	DN25		DN25		DN25		DN25		DN25		DN25	
Dimension (WxDxH)	Outline		mm	2180×1320×560		2180×1320×560		2380×1320×660		2380×1320×660		2380×1320×660		2380×1320×660	
	Package		mm	2280×1430×715		2280×1430×715		2480×1430×715		2480×1430×715		2480×1430×815		2480×1430×815	
Loading quantity	40'GP		set	18		18		18		18		18		18	
	40'HQ		set	18		18		18		18		18		18	

E Series* 50/60Hz

Model			G-1.5WD(I)(Y)/E-M	G-1.5WDX(I)(Y)/E-M	G-2WD(I)(Y)/E-M	G-2WDX(I)(Y)/E-M	G-2.5WD(I)(Y)/E-M	G-2.5WDX(I)(Y)/E-M	
			G-1.5WD(I)(Y)/E-H	G-1.5WDX(I)(Y)/E-H	G-2WD(I)(Y)/E-H	G-2WDX(I)(Y)/E-H	G-2.5WD(I)(Y)/E-H	G-2.5WDX(I)(Y)/E-H	
			G-1.5WD(I)(Y)/E-F	G-1.5WDX(I)(Y)/E-F	G-2WD(I)(Y)/E-F	G-2WDX(I)(Y)/E-F	G-2.5WD(I)(Y)/E-F	G-2.5WDX(I)(Y)/E-F	
Air flow volume		m³/h	1500	1500	2000	2000	2500	2500	
		CFM	881	881	1175	1175	1469	1469	
Capacity (4/grows)	Cooling	kW	9.8/11.96	20.6/25.8	12.5/14.26	27.5/33.5	15.6/19.2	33/41.6	
	Heating	kW	15.8/17.12	22.8/24.8	22.4/22.62	28.6/32.1	27.3/25.8	35.8/41.3	
Water flow volume(4/6rows)		l/s	0.43/0.57	0.99/1.25	0.53/0.65	1.28/1.6	0.66/0.88	1.57/2.1	
		GPM	1.89/2.51	4.36/5.50	2.33/2.86	5.63/7.04	2.9/3.87	6.97/9.24	
Pressure drop(4/6rows)		kPa	6.5/5.25	30.3/30.4	9.2/7.85	40.5/22.3	16.3/15.40	25.4/35.6	
		Ft-WG	2.17/1.75	10.12/10.15	3.07/2.62	13.53/7.45	5.44/5.14	8.48/11.89	
Esp.range(optional)		Pa	40-285/50-280	40-285/50-280	40-285/55-295	40-285/55-295	90-255/95-270	90-255/95-270	
		Ft-WG	0.013-0.093/0.016-0.092		0.013-0.093/0.018-0.097		0.030-0.084/0.031-0.089		
4 Rows	ESP range	ESP	Pa	40-285	40-285	40-285	40-285	90-222	90-222
		Motor Input	Kw	0.55	0.55	0.55	0.55	0.55	0.55
	ESP range	ESP	Pa	-	-	-	-	233-255	223-255
		Motor Input	Kw	-	-	-	-	0.75	0.75
	ESP range	ESP	Pa	-	-	-	-	-	-
		Motor Input	Kw	-	-	-	-	-	-
6 Rows	ESP range	ESP	Pa	50-280	50-280	50-295	55-295	95-233	95-233
		Motor Input	Kw	0.55	0.55	0.55	0.55	0.55	0.55
	ESP range	ESP	Pa	-	-	-	-	234-270	234-270
		Motor Input	Kw	-	-	-	-	0.75	0.75
	ESP range	ESP	Pa	-	-	-	-	-	-
		Motor Input	Kw	-	-	-	-	-	-
Net weight(4/6rows)		kg	98/104	98/104	98/104	98/104	107/115	107/115	
Gross weight(4/6rows)		kg	127/133	127/133	127/133	127/133	137/145	137/145	
Sound pressure level		dB(A)	≤53	≤53	≤55	≤55	≤56	≤56	
Connection pipe size	Water inlet & outlet	—	DN25	DN25	DN25	DN25	DN25	DN25	
	Condensed water drain	—	DN25	DN25	DN25	DN25	DN25	DN25	
Dimension (WxDxH)	Outline	mm	1070x1050x478	1070x1050x478	1070x1050x478	1070x1050x478	2570x1050x704	2570x1050x704	
	Package	mm	1370x1130x535	1370x1130x535	1370x1130x535	1370x1130x535	2770x1130x789	2770x1130x789	
Loading quantity	40'GP	set	32	32	32	32	28	28	
	40'HQ	set	32	32	32	32	28	28	

Model			G-3WD(I)(Y)/E-M		G-3WDX(I)(Y)/E-M		G-4WD(I)(Y)/E-M		G-4WDX(I)(Y)/E-M		G-5WD(I)(Y)/E-M		G-5WDX(I)(Y)/E-M		
			G-3WD(I)(Y)/E-H		G-3WDX(I)(Y)/E-H		G-4WD(I)(Y)/E-H		G-4WDX(I)(Y)/E-H		G-5WD(I)(Y)/E-H		G-5WDX(I)(Y)/E-H		
			G-3WD(I)(Y)/E-F		G-3WDX(I)(Y)/E-F		G-4WD(I)(Y)/E-F		G-4WDX(I)(Y)/E-F		G-5WD(I)(Y)/E-F		G-5WDX(I)(Y)/E-F		
Air flow volume			m³/h	3000		3000		4000		4000		5000		5000	
			CFM	1762		1762		2350		2350		2937		2937	
Capacity (4/6rows)	Cooling	kW	18.7/22.13		40.7/50.2		24.9/30.18		55.3/66.6		31/35.4		66.3/82.4		
	Heating	kW	33.5/33		42.5/49.8		43.2/44.2		55.9/64.3		56.1/53.1		68.9/81.1		
Water flow volume(4/6rows)			l/s	0.79/1.03		1.9/2.4		1.1/1.44		2.63/3.2		1.3/1.71		3.17/4.0	
			GPM	3.48/4.53		8.36/10.56		4.84/6.34		11.57/14.08		5.72/7.52		13.95/17.60	
Pressure drop(4/6rows)			kPa	26.2/19.92		46.6/42.5		20.1/24.60		30.8/50.8		35.3/34.00		56.9/35.6	
			Ft-WG	8.75/6.65		15.56/14.20		6.71/8.22		10.29/16.97		11.79/11.36		19/11.89	
Esp.range(optional)			Pa	75-400/90-345		75-400/90-345		60-400/120-400		60-400/120-400		95-400/135-390		95-400/135-390	
			Ft-WG	0.025-0.131/0.030-0.113		0.020-0.131/0.039-0.131		0.031-0.131/0.044-0.128							
4 Rows	ESP range	ESP	Pa	75-249		75-246		60-281		60-280		95-134		95-134	
		Motor Input	Kw	0.55		0.55		0.75		0.75		0.75		0.75	
	ESP range	ESP	Pa	250-343		250-343		282-400		282-400		135-400		135-400	
		Motor Input	Kw	0.75		0.75		1.1		1.1		1.1		1.1	
	ESP range	ESP	Pa	344-400		344-400		-		-		-		-	
		Motor Input	Kw	1.1		1.1		-		-		-		-	
6 Rows	ESP range	ESP	Pa	90-176		90-176		120-246		120-246		135-390		135-390	
		Motor Input	Kw	0.55		0.55		0.75		0.75		1.1		1.1	
	ESP range	ESP	Pa	177-271		177-271		247-400		247-400		-		-	
		Motor Input	Kw	0.75		0.75		1.1		1.1		-		-	
	ESP range	ESP	Pa	272-345		272-345		-		-		-		-	
		Motor Input	Kw	1.1		1.1		-		-		-		-	
Net weight(4/6rows)			kg	110/119		110/119		134/144		134/144		145/158		145/158	
Gross weight(4/6rows)			kg	139/148		139/148		165/175		165/175		175/188		175/188	
Sound pressure level			dB(A)	≤58		≤58		≤59		≤59		≤60		≤60	
Connection pipe size	Water inlet & outlet		—	DN25		DN25		DN32		DN32		DN32		DN32	
	Condensed water drain		—	DN25		DN25		DN25		DN25		DN25		DN25	
Dimension (WxDxH)	Outline		mm	1070×1050×651		1070×1050×651		1270×1050×651		1270×1050×651		1450×1050×651		1450×1050×651	
	Package		mm	1270×1130×690		1270×1130×690		1470×1130×710		1470×1130×710		1650×1130×710		1650×1130×710	
Loading quantity	40'GP		set	36		36		32		32		28		28	
	40'HQ		set	36		36		32		32		28		28	

*: The model is ended with E-M is for 50Hz only, while ended with E-H/E-F are for 60Hz.

Model			G-6WD(I)(Y)/E-M	G-6WDX(I)(Y)/E-M	G-7WD(I)(Y)/E-M	G-7WDX(I)(Y)/E-M	G-8WD(I)(Y)/E-M	G-8WDX(I)(Y)/E-M	
			G-6WD(I)(Y)/E-H	G-6WDX(I)(Y)/E-H	G-7WD(I)(Y)/E-H	G-7WDX(I)(Y)/E-H	G-8WD(I)(Y)/E-H	G-8WDX(I)(Y)/E-H	
			G-6WD(I)(Y)/E-F	G-6WDX(I)(Y)/E-F	G-7WD(I)(Y)/E-F	G-7WDX(I)(Y)/E-F	G-8WD(I)(Y)/E-F	G-8WDX(I)(Y)/E-F	
Air flow volume		m³/h	6000	6000	7000	7000	8000	8000	
		CFM	3525	3525	4112	4112	4699	4699	
Capacity (4/6rows)	Cooling	kW	37.4/44.1	79.6/98.8	43.6/50.8	92.9/112.3	49.8/62.5	106.3/129.7	
	Heating	kW	66.8/63.5	80.7/96.5	78.8/72.5	89.5/113.6	90.8/88.7	108.8/124.1	
Water flow volume(4/6rows)		l/s	1.6/2.1	3.8/4.7	1.83/2.43	4.43/5.4	2.1/2.85	5.1/6.1	
		GPM	7.04/9.24	16.72/20.68	8.05/10.69	19.49/23.76	9.24/12.54	22.44/26.84	
Pressure drop(4/6rows)		kPa	38.9/34.10	45.8/29.4	46.7/17.30	50.5/31.5	53.5/20.80	55.1/40.4	
		Ft-WG	12.99/11.39	15.30/9.82	15.60/5.78	16.87/10.52	17.87/6.95	18.40/13.49	
Esp.range(optional)		Pa	75-400/135-400	75-400/135-400	75-360/120-400	75-360/120-400	90-370/140-370	90-370/140-370	
		Ft-WG	0.025-0.131/0.044-0.131		0.025-0.118/0.039-0.131		0.030-0.121/0.046-0.121		
4 Rows	ESP range	ESP	Pa	72-146	75-146	75-257	75-257	90-182	90-182
		Motor Input	Kw	0.75	0.75	1.1	1.1	1.1	1.1
	ESP range	ESP	Pa	147-347	147-347	258-360	258-360	183-307	183-307
		Motor Input	Kw	1.1	1.1	1.5	1.5	1.5	1.5
	ESP range	ESP	Pa	348-400	348-400	-	-	308-370	308-370
		Motor Input	Kw	1.5	1.5	-	-	2.2	2.2
6 Rows	ESP range	ESP	Pa	135-280	135-280	120-254	120-254	140-175	140-175
		Motor Input	Kw	1.1	1.1	1.1	1.1	1.1	1.1
	ESP range	ESP	Pa	281-400	281-400	255-400	255-400	176-300	176-300
		Motor Input	Kw	1.5	1.5	1.5	1.5	1.5	1.5
	ESP range	ESP	Pa	-	-	-	-	301-370	301-370
		Motor Input	Kw	-	-	-	-	2.2	2.2
Net weight(4/6rows)		kg	163/179	163/179	179/197	179/197	209/229	209/229	
Gross weight(4/6rows)		kg	190/206	190/206	210/228	210/228	236/256	236/256	
Sound pressure level		dB(A)	≤60	≤60	≤61	≤61	≤63	≤63	
Connection pipe size	Water inlet & outlet	—	DN40	DN40	DN40	DN40	DN40	DN40	
	Condensed water drain	—	DN25	DN25	DN25	DN25	DN25	DN25	
Dimension (WxDxH)	Outline	mm	1500×1050×734	1500×1050×734	1670×1050×734	1670×1050×734	1870×1050×734	1870×1050×734	
	Package	mm	1700×1130X812	1700×1130X812	1870×1130X812	1870×1130X812	2070×1130X812	2070×1130X812	
Loading quantity	40'GP	set	24	24	24	24	20	20	
	40'HQ	set	24	24	24	24	20	20	

Model			G-9WD(I)(Y)/E-M	G-9WDX(I)(Y)/E-M	G-10WD(I)(Y)/E-M	G-10WDX(I)(Y)/E-M	G-12WD(I)(Y)/E-M	G-12WDX(I)(Y)/E-M	
			G-9WD(I)(Y)/E-H	G-9WDX(I)(Y)/E-H	G-10WD(I)(Y)/E-H	G-10WDX(I)(Y)/E-H	G-12WD(I)(Y)/E-H	G-12WDX(I)(Y)/E-H	
			G-9WD(I)(Y)/E-F	G-9WDX(I)(Y)/E-F	G-10WD(I)(Y)/E-F	G-10WDX(I)(Y)/E-F	G-12WD(I)(Y)/E-F	G-12WDX(I)(Y)/E-F	
Air flow volume		m³/h	9000	9000	10000	10000	12000	12000	
		CFM	5287	5287	5874	5874	7049	7049	
Capacity (4/6rows)	Cooling	kW	56/67.8	119.5/148.9	62.4/80.8	134.9/165.2	74.8/95.9	159.3/198.8	
	Heating	kW	96.3/99.8	121.4/142.6	115.8/110.5	138.6/164.5	135.6/137.6	160.9/197.1	
Water flow volume(4/6rows)		l/s	2.4/3.10	5.7/7.3	2.6/3.88	6.4/8.4	3.2/4.65	7.6/9.5	
		GPM	10.56/13.64	25.08/32.12	11.44/17.07	28.16/36.96	14.08/20.46	33.44/41.80	
Pressure drop(4/6rows)		kPa	34/14.30	45.2/42.5	48.9/16.50	47.4/46.8	37.3/25.60	50.8/48.7	
		Ft-WG	11.36/4.78	15.10/14.20	16.33/5.51	15.83/15.63	12.46/8.55	16.97/16.27	
Esp.range(optional)		Pa	95-450	95-450	130-450	130-450	125-500	125-500	
		Ft-WG	0.031-0.148	0.031-0.148	0.043-0.148	0.043-0.148	0.041-0.164	0.041-0.164	
4 Rows	ESP range	ESP	Pa	95-265	95-265	130-343	130-343	125-180	125-180
		Motor Input	Kw	1.5	1.5	2.2	2.2	2.2	2.2
	ESP range	ESP	Pa	266-450	266-450	344-450	344-450	181-377	181-377
		Motor Input	Kw	2.2	2.2	3.0	3.0	3.0	3.0
	ESP range	ESP	Pa	-	-	-	-	378-500	378-500
		Motor Input	Kw	-	-	-	-	4.0	4.0
6 Rows	ESP range	ESP	Pa	95-167	95-167	130-222	130-222	125-180	125-180
		Motor Input	Kw	1.5	1.5	2.2	2.2	2.2	2.2
	ESP range	ESP	Pa	168-407	168-407	223-450	223-450	181-347	181-347
		Motor Input	Kw	2.2	2.2	3.0	3.0	3.0	3.0
	ESP range	ESP	Pa	408-450	408-450	-	-	348-500	348-500
		Motor Input	Kw	3.0	3.0	-	-	4.0	4.0
Net weight(4/6rows)		kg	259/271	259/271	271/284	271/284	318/333	318/333	
Gross weight(4/6rows)		kg	315/327	315/327	321/334	321/334	371/386	371/386	
Sound pressure level		dB(A)	≤64	≤64	≤65	≤65	≤66	≤66	
Connection pipe size	Water inlet & outlet	—	DN50	DN50	DN50	DN50	DN50	DN50	
	Condensed water drain	—	DN25	DN25	DN25	DN25	DN25	DN25	
Dimension (WxDxH)	Outline	mm	2050×1050×690	2050×1050×690	2220×1050×704	2220×1050×704	2570×1050×704	2570×1050×704	
	Package	mm	2250×1130×789	2250×1130×789	2420×1130×789	2420×1130×789	2770×1130×789	2770×1130×789	
Loading quantity	40'GP	set	20	20	16	16	16	16	
	40'HQ	set	20	20	16	16	16	16	

Note：

1. The specification is base on 100% return air. 100% fresh air model is also available for the same range.
2. The power input of motor is subjected to the external static pressure, please refer to the brand for the accurate value.
3. 60Hz units can be developed according to specified orders.

Vertical/Horizontal Mounted Packaged Unit *

It is a kind of fan coil unit that is connected to the chillers to realize cooling/heating for civil or industrial use.



Vertical type



Horizontal type



Washable filter



Quiet function



Compact design



Easier maintainability

- Anti-corrosion thanks to painted double-faced electro-galvanized or hot-electro-galvanized metal case.
- Easy maintenance thanks to detachable panel and adjustable motor base.
- Anti-frostcrack design for heat exchanger: With proper designed water discharge valve, complete water discharging is ensured, so that the copper tube will not be frost cracked during winter.
- The heat exchange stream is well optimized design, that the heat exchange performance of the heat exchanger can be maximum utilized.

Nominal test condition (temperature)					
Item		DB (°C)	WB (°C)	Inlet (°C)	Outlet (°C)
Return air type	Cooling	27	19.5	7	12
	Heating	21	—	60	—
Fresh air type	Cooling	35	28	7	12
	Heating	7	—	60	—

50Hz/60Hz

Model		G-3L(I)(Y)/A-M	G-3LX(I)(Y)/A-M	G-4L(I)(Y)/A-M	G-4LX(I)(Y)/A-M	G-5L(I)(Y)/A-M	G-5LX(I)(Y)/A-M
		G-3L(I)(Y)/A-H	G-3LX(I)(Y)/A-H	G-4L(I)(Y)/A-H	G-4LX(I)(Y)/A-H	G-5L(I)(Y)/A-H	G-5LX(I)(Y)/A-H
Air flow volume		m³/h	3000	3000	4000	4000	5000
		CFM	1762	1762	2350	2350	2937
Capacity (4/6rows)	Cooling	kw	17.7/21.3	45.2/47.8	23.6/27.9	63.0/61.6	29.5/34.7
	Heating	kw	31.5/33.2	46.7/49.3	43.7/51.1	62.9/64.9	53.5/63.5
Water flow volume(4/6rows)		L/s	0.91/0.94	1.98/2.09	1.29/1.21	2.76/2.69	1.54/1.49
		GPM	14.42/14.9	31.38/33.13	20.44/19.18	43.75/42.64	24.41/23.61
Pressure drop(4/6rows)		kPa	40/19	28.2/18	47.8/20.8	64.2/25.8	30.6/17.4
		Ft-WG	13.38/6.35	9.43/6.02	15.99/6.95	21.47/8.63	10.23/5.82
Esp.range(optional)		Pa	120 ~ 520	120 ~ 520	120 ~ 570	120 ~ 570	120 ~ 570
		Ft-WG	0.04 ~ 0.174	0.04 ~ 0.174	0.04 ~ 0.191	0.04 ~ 0.191	0.04 ~ 0.191
Net weight(4/6rows)		kg	150/180	150/180	185/215	185/215	215/245
Gross weight(4/6rows)		kg	156/186	156/186	191/221	191/221	221/251
Sound pressure level		dB(A)	≤58	≤58	≤59	≤59	≤60
Connection pipe size	water inlet/outlet	—	DN25/DN25	DN32/DN32	DN25/DN25	DN40/DN40	DN32/DN32
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	930×610×1230	930×610×1230	1130×610×1230	1130×610×1230	1030×610×1530
	Package	mm	1230×910×1530	1230×910×1530	1430×910×1530	1430×910×1530	1330×910×1830
Loading quantity	40'GP	set	22	22	16	16	21
	40'HQ	set	22	22	16	16	21

*: These series models are basic models. They may not have the required certificate in your targeted market. For more information, please consult your regional sales manager.

Model			G-6L(I)(Y)/A-M	G-6LX(I)(Y)/A-M	G-8L(I)(Y)/A-M	G-8LX(I)(Y)/A-M	G-10L(I)(Y)/A-M	G-10LX(I)(Y)/A-M
			G-6L(I)(Y)/A-H	G-6LX(I)(Y)/A-H	G-8L(I)(Y)/A-H	G-8LX(I)(Y)/A-H	G-10L(I)(Y)/A-H	G-10LX(I)(Y)/A-H
			G-6L(I)(Y)/A-F	G-6LX(I)(Y)/A-F	G-8L(I)(Y)/A-F	G-8LX(I)(Y)/A-F	G-10L(I)(Y)/A-F	G-10LX(I)(Y)/A-F
Air flow volume		m³/h	6000	6000	8000	8000	10000	10000
		CFM	3525	3525	4699	4699	5874	5874
Capacity (4/6rows)	Cooling	kw	35.4/43.0	96.0/92.8	47.2/59.3	130.0/127.3	59.0/71.9	147.0/163.4
	Heating	kw	64.9/77.1	95.5/97.3	85.8/103.8	127.8/131.4	108.7/126.0	154.5/165.6
Water flow volume(4/6rows)		L/s	1.92/1.85	4.21/4.04	2.43/2.55	5.7/5.55	3.2/3.12	4.11/7.14
		GPM	30.43/29.32	66.73/64.04	38.52/40.42	90.35/87.97	50.72/49.45	65.15/113.18
Pressure drop(4/6rows)		kPa	54/29.6	70.7/29.2	23.8/65	60.8/41.7	49.1/18.5	43.4/24.5
		Ft-WG	18.06/9.9	23.65/9.76	7.96/21.74	20.34/13.95	16.42/6.18	14.51/8.19
Esp.range(optional)		Pa	120 ~ 570	120 ~ 570	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620
		Ft-WG	0.04 ~ 0.191	0.04 ~ 0.191	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207
Net weight(4/6rows)		kg	240/270	240/270	350/380	350/380	400/430	400/430
Gross weight(4/6rows)		kg	246/276	246/276	356/386	356/386	406/436	406/436
Sound pressure level		dB(A)	≤60	≤60	≤63	≤63	≤65	≤65
Connection pipe size	water inlet/outlet	—	DN32/DN32	DN50/DN50	DN40/DN40	DN50/DN50	DN40/DN40	DN65/DN65
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	1230×710×1630	1230×710×1630	1330×710×1830	1330×710×1830	1630×710×1730	1630×710×1730
	Package	mm	1530×1010×1930	1530×1010×1930	1630×1010×2130	1630×1010×2130	1930×1010×2030	1930×1010×2030
Loading quantity	40' GP	set	15	15	14	14	12	12
	40' HQ	set	15	15	14	14	12	12

Model			G-12L(I)(Y)/A-M	G-12LX(I)(Y)/A-M	G-14L(I)(Y)/A-M	G-14LX(I)(Y)/A-M	G-16L(I)(Y)/A-M	G-16LX(I)(Y)/A-M
			G-12L(I)(Y)/A-H	G-12LX(I)(Y)/A-H	G-14L(I)(Y)/A-H	G-14LX(I)(Y)/A-H	G-16L(I)(Y)/A-H	G-16LX(I)(Y)/A-H
			G-12L(I)(Y)/A-F	G-12LX(I)(Y)/A-F	G-14L(I)(Y)/A-F	G-14LX(I)(Y)/A-F	G-16L(I)(Y)/A-F	G-16LX(I)(Y)/A-F
Air flow volume		m³/h	12000	12000	14000	14000	16000	16000
		CFM	7049	7049	8224	8224	9399	9399
Capacity (4/6rows)	Cooling	kw	68.7/88.0	152.4/198.9	82.1/105.1	181.3/220.0	95.6/121.2	211.2/254.7
	Heating	kw	113.9/135.4	168.0/201.0	134.3/159.1	197.3/230.5	154.9/182.6	226.9/264.2
Water flow volume(4/6rows)		L/s	2.99/3.83	6.56/8.69	3.59/4.57	7.83/6.85	4.17/5.31	9.12/7.94
		GPM	47.39/60.71	103.98/137.75	56.9/72.44	124.12/108.58	66.1/84.17	144.57/125.86
Pressure drop(4/6rows)		kPa	25.5/20.7	37.5/46.4	40.2/32.3	58.6/65.6	59.3/47.3	51.9/55.9
		Ft-WG	8.53/6.92	12.54/15.52	13.44/10.8	19.6/21.94	19.83/15.82	17.36/18.7
Esp.range(optional)		Pa	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620
		Ft-WG	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207
Net weight(4/6rows)		kg	450/480	450/480	500/530	500/530	550/580	550/580
Gross weight(4/6rows)		kg	456/486	456/486	506/536	506/536	556/586	556/586
Sound pressure level		dB(A)	≤66	≤66	≤67	≤67	≤68	≤68
Connection pipe size	water inlet/outlet	—	DN40/DN50	DN65/DN65	DN40/DN50	DN65/DN65	DN50/DN50	DN65/DN65
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	1630×710×1830	1630×710×1830	1930×710×1830	1930×710×1830	2130×810×1930	2130×810×1930
	Package	mm	1930×1010×2130	1930×1010×2130	2230×1010×2130	2230×1010×2130	2430×1110×2230	2430×1110×2230
Loading quantity	40' GP	set	12	12	11	11	8	8
	40' HQ	set	12	12	11	11	8	8

Model			G-18L(I)(Y)/A-M	G-18LX(I)(Y)/A-M	G-20L(I)(Y)/A-M	G-20LX(I)(Y)/A-M	G-22L(I)(Y)/A-M	G-22LX(I)(Y)/A-M
			G-18L(I)(Y)/A-H	G-18LX(I)(Y)/A-H	G-20L(I)(Y)/A-H	G-20LX(I)(Y)/A-H	G-22L(I)(Y)/A-H	G-22LX(I)(Y)/A-H
			G-18L(I)(Y)/A-F	G-18LX(I)(Y)/A-F	G-20L(I)(Y)/A-F	G-20LX(I)(Y)/A-F	G-22L(I)(Y)/A-F	G-22LX(I)(Y)/A-F
Air flow volume		m³/h	18000	18000	20000	20000	22000	22000
		CFM	10574	10574	11748	11748	12923	12923
Capacity (4/6rows)	Cooling	kw	107.6/137.0	236.9/286.5	120.8/154.0	268.6/314.4	132.9/169.4	295.5/344.2
	Heating	kw	173.9/205.2	254.2/296.8	195.0/229.5	284.5/328.3	214.3/252.5	314.4/361.3
Water flow volume(4/6rows)		L/s	4.71/5.98	10.23/8.93	5.31/6.71	11.58/8.53	5.84/7.37	12.77/9.38
		GPM	74.66/94.79	162.16/141.55	84.17/106.36	183.56/135.21	92.57/116.82	202.43/148.69
Pressure drop(4/6rows)		kPa	70.4/53.3	57.5/63.1	58.5/72.5	79/64.6	50.8/67.2	73.6/59.8
		Ft-WG	23.55/17.83	19.23/21.11	19.57/24.25	26.42/21.61	16.99/22.48	24.62/20
Esp.range(optional)		Pa	120 ~ 620	120 ~ 620	120 ~ 620	26.42/21.61	120 ~ 620	120 ~ 620
		Ft-WG	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207
Net weight(4/6rows)		kg	600/630	600/630	650/700	650/700	700/750	700/750
Gross weight(4/6rows)		kg	606/636	606/636	656/706	656/706	706/756	706/756
Sound pressure level		dB(A)	≤69	≤69	≤69	≤69	≤70	≤70
Connection pipe size	water inlet/outlet	—	DN50/DN65	DN80/DN65	DN65/DN65	DN65/DN65	DN50/DN65	DN65/DN65
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	2130×810×2030	2130×810×2030	1730×1300×1730	1730×1300×1730	1930×1300×1730	1930×1300×1730
	Package	mm	2430×1110×2330	2430×1110×2330	2030×1600×2030	2030×1600×2030	2230×1600×2030	2230×1600×2030
Loading quantity	40' GP	set	8	8	7	7	7	7
	40' HQ	set	8	8	7	7	7	7

Model			G-25L(I)(Y)/A-M	G-25LX(I)(Y)/A-M	G-30L(I)(Y)/A-M	G-30LX(I)(Y)/A-M	G-35L(I)(Y)/A-M	G-35LX(I)(Y)/A-M
			G-25L(I)(Y)/A-H	G-25LX(I)(Y)/A-H	G-30L(I)(Y)/A-H	G-30LX(I)(Y)/A-H	G-35L(I)(Y)/A-H	G-35LX(I)(Y)/A-H
			G-25L(I)(Y)/A-F	G-25LX(I)(Y)/A-F	G-30L(I)(Y)/A-F	G-30LX(I)(Y)/A-F	G-35L(I)(Y)/A-F	G-35LX(I)(Y)/A-F
Air flow volume		m³/h	25000	25000	30000	30000	35000	35000
		CFM	14686	14686	17623	17623	20560	20560
Capacity (4/6rows)	Cooling	kw	144.3/186.0	315.1/390.5	174.3/223.8	379.3/469.6	202.7/259.9	440.0/545.5
	Heating	kw	238.3/282.6	354.1/410.3	287.1/339.5	425.4/492.7	334.3/394.8	494.0/573.1
Water flow volume(4/6rows)		L/s	6.3/8.09	13.59/12.16	7.59/9.74	16.36/14.63	8.85/11.30	18.97/16.99
		GPM	99.86/128.24	215.42/192.76	120.31/154.39	259.33/231.91	140.29/179.12	300.71/269.32
Pressure drop(4/6rows)		kPa	40.1/28.6	20.9/58.1	42.2/30.3	22.2/61.5	43/30.8	22.5/62.5
		Ft-WG	13.41/9.56	6.99/19.43	14.11/10.13	7.42/20.57	14.38/10.3	7.52/20.9
Esp.range(optional)		Pa	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620
		Ft-WG	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207
Net weight(4/6rows)		kg	750/800	750/800	900/950	900/950	1000/1050	1000/1050
Gross weight(4/6rows)		kg	756/806	756/806	910/960	910/960	1010/1060	1010/1060
Sound pressure level		dB(A)	≤71	≤71	≤72	≤72	≤73	≤73
Connection pipe size	water inlet/outlet	—	DN50/DN65	DN65/DN65	DN40/DN50	DN50/DN50	DN50/DN65	DN65/DN65
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	2130×1300×1730	2130×1300×1730	2130×1400×2130	2130×1400×2130	2530×1400×2130	2530×1400×2130
	Package	mm	2430×1600×2030	2430×1600×2030	2430×1700×2430	2430×1700×2430	2830×1700×2430	2830×1700×2430
Loading quantity	40' GP	set	4	4	0	0	0	0
	40' HQ	set	4	4	4	4	4	4

Model			G-40L(I)(Y)/A-M	G-40LX(I)(Y)/A-M	G-45L(I)(Y)/A-M	G-45LX(I)(Y)/A-M	G-50L(I)(Y)/A-M	G-50LX(I)(Y)/A-M
			G-40L(I)(Y)/A-H	G-40LX(I)(Y)/A-H	G-45L(I)(Y)/A-H	G-45LX(I)(Y)/A-H	G-50L(I)(Y)/A-H	G-50LX(I)(Y)/A-H
			G-40L(I)(Y)/A-F	G-40LX(I)(Y)/A-F	G-45L(I)(Y)/A-F	G-45LX(I)(Y)/A-F	G-50L(I)(Y)/A-F	G-50LX(I)(Y)/A-F
Air flow volume		m³/h	40000	40000	45000	45000	50000	50000
		CFM	23497	23497	26434	26434	29371	29371
Capacity (4/6rows)	Cooling	kw	228.0/297.0	502.9/623.4	258.3/332.1	568.1/704.6	285.8/364.6	627.6/774.3
	Heating	kw	375.8/450.0	562.4/653.4	422.0/504.9	630.3/734.3	466.8/557.6	696.0/809.4
Water flow volume(4/6rows)		L/s	9.91/12.87	21.6/19.34	11.24/14.45	24.51/21.95	12.44/15.92	27.07/24.10
		GPM	157.09/204.01	342.4/306.57	178.17/229.06	388.53/347.95	197.19/252.36	429.11/382.03
Pressure drop(4/6rows)		kPa	43.6/31.2	22.7/63.4	50.8/35.8	26.7/74.7	54.2/37.9	28.6/78
		Ft-WG	14.58/10.43	7.59/21.21	16.99/11.97	8.93/24.99	18.13/12.67	9.56/26.09
Esp.range(optional)		Pa	120 ~ 620	120 ~ 620	120 ~ 720	120 ~ 720	120 ~ 720	120 ~ 720
		Ft-WG	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.241	0.04 ~ 0.241	0.04 ~ 0.241	0.04 ~ 0.241
Net weight(4/6rows)		kg	1100/1150	1100/1150	1250/1300	1250/1300	1340/1390	1340/1390
Gross weight(4/6rows)		kg	1110/1160	1110/1160	1260/1310	1260/1310	1350/1400	1350/1400
Sound pressure level		dB(A)	≤73	≤73	≤75	≤75	≤76	≤76
Connection pipe size	water inlet/outlet	—	DN65/DN80	DN80/DN80	DN65/DN80	DN80/DN80	DN65/DN80	DN80/DN80
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	2630×1500×2130	2630×1500×2130	2830×1600×2130	2830×1600×2130	2830×1600×2230	2830×1600×2230
	Package	mm	2930×1800×2430	2930×1800×2430	3130×1900×2430	3130×1900×2430	3130×1900×2530	3130×1900×2530
Loading quantity	40`GP	set	0	0	0	0	0	0
	40`HQ	set	4	4	3	3	3	3

Model			G-3W(I)(Y)/A-M	G-3WX(I)(Y)/A-M	G-4W(I)(Y)/A-M	G-4WX(I)(Y)/A-M	G-5W(I)(Y)/A-M	G-5WX(I)(Y)/A-M
			G-3W(I)(Y)/A-H	G-3WX(I)(Y)/A-H	G-4W(I)(Y)/A-H	G-4WX(I)(Y)/A-H	G-5W(I)(Y)/A-H	G-5WX(I)(Y)/A-H
			G-3W(I)(Y)/A-F	G-3WX(I)(Y)/A-F	G-4W(I)(Y)/A-F	G-4WX(I)(Y)/A-F	G-5W(I)(Y)/A-F	G-5WX(I)(Y)/A-F
Air flow volume		m³/h	3000	3000	4000	4000	5000	5000
		CFM	1762	1762	2350	2350	2937	2937
Capacity (4/6rows)	Cooling	kw	17.7/21.3	45.2/47.8	23.6/27.9	63.0/61.6	29.5/34.7	78.0/75.0
	Heating	kw	31.5/33.2	46.7/49.3	43.7/51.1	62.9/64.9	53.5/63.5	79.1/80.4
Water flow volume(4/6rows)		L/s	0.91/0.94	1.98/2.09	1.29/1.21	2.76/2.69	1.54/1.49	3.42/3.26
		GPM	14.42/14.9	31.38/33.13	20.44/19.18	43.75/42.64	24.41/23.61	54.21/51.67
Pressure drop(4/6rows)		kPa	40/19	28.2/18	47.8/20.8	64.2/25.8	30.6/17.4	42.2/17.2
		Ft-WG	13.38/6.35	9.43/6.02	15.99/6.95	21.47/8.63	10.23/5.82	14.11/5.75
Esp.range(optional)		Pa	120 ~ 520	120 ~ 520	120 ~ 570	120 ~ 570	120 ~ 570	120 ~ 570
		Ft-WG	0.04 ~ 0.174	0.04 ~ 0.174	0.04 ~ 0.191	0.04 ~ 0.191	0.04 ~ 0.191	0.04 ~ 0.191
Net weight(4/6rows)		kg	150/180	150/180	185/215	185/215	215/245	215/245
Gross weight(4/6rows)		kg	156/186	156/186	191/221	191/221	221/251	221/251
Sound pressure level		dB(A)	≤58	≤58	≤59	≤59	≤60	≤60
Connection pipe size	water inlet/outlet	—	DN25/DN25	DN32/DN32	DN25/DN25	DN40/DN40	DN32/DN32	DN40/DN40
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	930×900×730	930×900×730	1130×1000×730	1130×1000×730	1030×1000×930	1030×1000×930
	Package	mm	1230×1200×1030	1230×1200×1030	1430×1300×1030	1430×1300×1030	1330×1300×1230	1330×1300×1230
Loading quantity	40`GP	set	18	18	18	18	9	9
	40`HQ	set	18	18	18	18	18	18

Model			G-6W(I)(Y)/A-M	G-6WX(I)(Y)/A-M	G-8W(I)(Y)/A-M	G-8WX(I)(Y)/A-M	G-10W(I)(Y)/A-M	G-10WX(I)(Y)/A-M
			G-6W(I)(Y)/A-H	G-6WX(I)(Y)/A-H	G-8W(I)(Y)/A-H	G-8WX(I)(Y)/A-H	G-10W(I)(Y)/A-H	G-10WX(I)(Y)/A-H
			G-6W(I)(Y)/A-F	G-6WX(I)(Y)/A-F	G-8W(I)(Y)/A-F	G-8WX(I)(Y)/A-F	G-10W(I)(Y)/A-F	G-10WX(I)(Y)/A-F
Air flow volume		m³/h	6000	6000	8000	8000	10000	10000
		CFM	3525	3525	4699	4699	5874	5874
Capacity (4/6rows)	Cooling	kw	35.4/43.0	96.0/92.8	47.2/59.3	130.0/127.3	59.0/71.9	147.0/163.4
	Heating	kw	64.9/77.1	95.5/97.3	85.8/103.8	127.8/131.4	108.7/126.0	154.5/165.6
Water flow volume(4/6rows)		L/s	1.92/1.85	4.21/4.04	2.43/2.55	5.7/5.55	3.2/3.12	4.11/7.14
		GPM	30.43/29.32	66.73/64.04	38.52/40.42	90.35/87.97	50.72/49.45	65.15/113.18
Pressure drop(4/6rows)		kPa	54/29.6	70.7/29.2	23.8/65	60.8/41.7	49.1/18.5	43.4/24.5
		Ft-WG	18.06/9.9	23.65/9.76	7.96/21.74	20.34/13.95	16.42/6.18	14.51/8.19
Esp.range(optional)		Pa	120 ~ 570	120 ~ 570	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620
		Ft-WG	0.04 ~ 0.191	0.04 ~ 0.191	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207
Net weight(4/6rows)		kg	240/270	240/270	350/380	350/380	400/430	400/430
Gross weight(4/6rows)		kg	246/276	246/276	356/386	356/386	406/436	406/436
Sound pressure level		dB(A)	≤60	≤60	≤63	≤63	≤65	≤65
Connection pipe size	water inlet/outlet	—	DN32/DN32	DN50/DN50	DN40/DN40	DN50/DN50	DN40/DN40	DN65/DN65
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	1230×1100×930	1230×1100×930	1330×1200×1030	1330×1200×1030	1630×1100×1130	1630×1100×1130
	Package	mm	1530×1400×1330	1530×1400×1330	1630×1500×1330	1630×1500×1330	1930×1400×1330	1930×1400×1330
Loading quantity	40`GP	set	8	8	7	7	8	8
	40`HQ	set	8	8	7	7	8	8

Model			G-12W(I)(Y)/A-M	G-12WX(I)(Y)/A-M	G-14W(I)(Y)/A-M	G-14WX(I)(Y)/A-M	G-16W(I)(Y)/A-M	G-16WX(I)(Y)/A-M
			G-12W(I)(Y)/A-H	G-12WX(I)(Y)/A-H	G-14W(I)(Y)/A-H	G-14WX(I)(Y)/A-H	G-16W(I)(Y)/A-H	G-16WX(I)(Y)/A-H
			G-12W(I)(Y)/A-F	G-12WX(I)(Y)/A-F	G-14W(I)(Y)/A-F	G-14WX(I)(Y)/A-F	G-16W(I)(Y)/A-F	G-16WX(I)(Y)/A-F
Air flow volume		m³/h	12000	12000	14000	14000	16000	16000
		CFM	7049	7049	8224	8224	9399	9399
Capacity (4/6rows)	Cooling	kw	68.7/88.0	152.4/198.9	82.1/105.1	181.3/220.0	95.6/121.2	211.2/254.7
	Heating	kw	113.9/135.4	168.0/201.0	134.3/159.1	197.3/230.5	154.9/182.6	226.9/264.2
Water flow volume(4/6rows)		L/s	2.99/3.83	6.56/8.69	3.59/4.57	7.83/6.85	4.17/5.31	9.12/7.94
		GPM	47.39/60.71	103.98/137.75	56.9/72.44	124.12/108.58	66.1/84.17	144.57/125.86
Pressure drop(4/6rows)		kPa	25.5/20.7	37.5/46.4	40.2/32.3	58.6/65.6	59.3/47.3	51.9/55.9
		Ft-WG	8.53/6.92	12.54/15.52	13.44/10.8	19.6/21.94	19.83/15.82	17.36/18.7
Esp.range(optional)		Pa	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620
		Ft-WG	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207
Net weight(4/6rows)		kg	450/480	450/480	500/530	500/530	550/580	550/580
Gross weight(4/6rows)		kg	456/486	456/486	506/536	506/536	556/586	556/586
Sound pressure level		dB(A)	≤66	≤66	≤67	≤67	≤68	≤68
Connection pipe size	water inlet/outlet	—	DN40/DN50	DN65/DN65	DN40/DN50	DN65/DN65	DN50/DN50	DN65/DN65
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	1630×1100×1130	1630×1100×1130	1930×1100×1130	1930×1100×1130	2030×1200×1130	2030×1200×1130
	Package	mm	1930×1400×1430	1930×1400×1430	2230×1400×1430	2230×1400×1430	2330×1500×1430	2330×1500×1430
Loading quantity	40`GP	set	8	8	8	8	5	5
	40`HQ	set	8	8	8	8	5	5

Model			G-18W(I)(Y)/A-M	G-18WX(I)(Y)/A-M	G-20W(I)(Y)/A-M	G-20WX(I)(Y)/A-M	G-22W(I)(Y)/A-M	G-22WX(I)(Y)/A-M
			G-18W(I)(Y)/A-H	G-18WX(I)(Y)/A-H	G-20W(I)(Y)/A-H	G-20WX(I)(Y)/A-H	G-22W(I)(Y)/A-H	G-22WX(I)(Y)/A-H
			G-18W(I)(Y)/A-F	G-18WX(I)(Y)/A-F	G-20W(I)(Y)/A-F	G-20WX(I)(Y)/A-F	G-22W(I)(Y)/A-F	G-22WX(I)(Y)/A-F
Air flow volume		m³/h	18000	18000	20000	20000	22000	22000
		CFM	10574	10574	11748	11748	12923	12923
Capacity (4/6rows)	Cooling	kw	107.6/137.0	236.9/286.5	120.8/154.0	268.6/314.4	132.9/169.4	295.5/344.2
	Heating	kw	173.9/205.2	254.2/296.8	195.0/229.5	284.5/328.3	214.3/252.5	314.4/361.3
Water flow volume(4/6rows)		L/s	4.71/5.98	10.23/8.93	5.31/6.71	11.58/8.53	5.84/7.37	12.77/9.38
		GPM	74.66/94.79	162.16/141.55	84.17/106.36	183.56/135.21	92.57/116.82	202.43/148.69
Pressure drop(4/6rows)		kPa	70.4/53.3	57.5/63.1	58.5/72.5	79/64.6	50.8/67.2	73.6/59.8
		Ft-WG	23.55/17.83	19.23/21.11	19.57/24.25	26.42/21.61	16.99/22.48	24.62/20
Esp.range(optional)		Pa	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620
		Ft-WG	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207
Net weight(4/6rows)		kg	600/630	600/630	650/700	650/700	700/750	700/750
Gross weight(4/6rows)		kg	606/636	606/636	656/706	656/706	706/756	706/756
Sound pressure level		dB(A)	≤69	≤69	≤69	≤69	≤70	≤70
Connection pipe size	water inlet/outlet	—	DN50/DN65	DN80/DN65	DN65/DN65	DN65/DN65	DN50/DN65	DN65/DN65
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	2130×1200×1230	2130×1200×1230	2330×1300×1230	2330×1300×1230	2330×1300×1330	2330×1300×1330
	Package	mm	2430×1500×1530	2430×1500×1530	2630×1600×1530	2630×1600×1530	2630×1600×1630	2630×1600×1630
Loading quantity	40' GP	set	4	4	4	4	4	4
	40' HQ	set	4	4	4	4	4	4

Model			G-25W(I)(Y)/A-M	G-25WX(I)(Y)/A-M	G-30W(I)(Y)/A-M	G-30WX(I)(Y)/A-M	G-35W(I)(Y)/A-M	G-35WX(I)(Y)/A-M
			G-25W(I)(Y)/A-H	G-25WX(I)(Y)/A-H	G-30W(I)(Y)/A-H	G-30WX(I)(Y)/A-H	G-35W(I)(Y)/A-H	G-35WX(I)(Y)/A-H
			G-25W(I)(Y)/A-F	G-25WX(I)(Y)/A-F	G-30W(I)(Y)/A-F	G-30WX(I)(Y)/A-F	G-35W(I)(Y)/A-F	G-35WX(I)(Y)/A-F
Air flow volume		m³/h	25000	25000	30000	30000	35000	35000
		CFM	14686	14686	17623	17623	20560	20560
Capacity (4/6rows)	Cooling	kw	144.3/186.0	315.1/390.5	174.3/223.8	379.3/469.6	202.7/259.9	440.0/545.5
	Heating	kw	238.3/282.6	354.1/410.3	287.1/339.5	425.4/492.7	334.3/394.8	494.0/573.1
Water flow volume(4/6rows)		L/s	6.3/8.09	13.59/12.16	7.59/9.74	16.36/14.63	8.85/11.30	18.97/16.99
		GPM	99.86/128.24	215.42/192.76	120.31/154.39	259.33/231.91	140.29/179.12	300.71/269.32
Pressure drop(4/6rows)		kPa	40.1/28.6	20.9/58.1	42.2/30.3	22.2/61.5	43/30.8	22.5/62.5
		Ft-WG	13.41/9.56	6.99/19.43	14.11/10.13	7.42/20.57	14.38/10.3	7.52/20.9
Esp.range(optional)		Pa	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620	120 ~ 620
		Ft-WG	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.207
Net weight(4/6rows)		kg	750/800	750/800	900/950	900/950	1000/1050	1000/1050
Gross weight(4/6rows)		kg	756/806	756/806	910/960	910/960	1010/1060	1010/1060
Sound pressure level		dB(A)	≤71	≤71	≤72	≤72	≤73	≤73
Connection pipe size	water inlet/outlet	—	DN50/DN65	DN65/DN65	DN40/DN50	DN50/DN50	DN50/DN65	DN65/DN65
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	2630×1300×1330	2630×1300×1330	2630×1400×1530	2630×1400×1530	2630×1400×1730	2630×1400×1730
	Package	mm	2930×1600×1630	2930×1600×1630	2930×1700×1830	2930×1700×1830	2930×1700×2030	2930×1700×2030
Loading quantity	40' GP	set	4	4	4	4	4	4
	40' HQ	set	4	4	4	4	4	4

Model			G-40W(I)(Y)/A-M	G-40WX(I)(Y)/A-M	G-45W(I)(Y)/A-M	G-45WX(I)(Y)/A-M	G-50W(I)(Y)/A-M	G-50WX(I)(Y)/A-M
			G-40W(I)(Y)/A-H	G-40WX(I)(Y)/A-H	G-45W(I)(Y)/A-H	G-45WX(I)(Y)/A-H	G-50W(I)(Y)/A-H	G-50WX(I)(Y)/A-H
			G-40W(I)(Y)/A-F	G-40WX(I)(Y)/A-F	G-45W(I)(Y)/A-F	G-45WX(I)(Y)/A-F	G-50W(I)(Y)/A-F	G-50WX(I)(Y)/A-F
Air flow volume		m³/h	40000	40000	45000	45000	50000	50000
		CFM	23497	23497	26434	26434	29371	29371
Capacity (4/6rows)	Cooling	kw	228.0/297.0	502.9/623.4	258.3/332.1	568.1/704.6	285.8/364.6	627.6/774.3
	Heating	kw	375.8/450.0	562.4/653.4	422.0/504.9	630.3/734.3	466.8/557.6	696.0/809.4
Water flow volume(4/6rows)		L/s	9.91/12.87	21.6/19.34	11.24/14.45	24.51/21.95	12.44/15.92	27.07/24.10
		GPM	157.09/204.01	342.4/306.57	178.17/229.06	388.53/347.95	197.19/252.36	429.11/382.03
Pressure drop(4/6rows)		kPa	43.6/31.2	22.7/63.4	50.8/35.8	26.7/74.7	54.2/37.9	28.6/78
		Ft-WG	14.58/10.43	7.59/21.21	16.99/11.97	8.93/24.99	18.13/12.67	9.56/26.09
Esp.range(optional)		Pa	120 ~ 620	120 ~ 620	120 ~ 720	120 ~ 720	120 ~ 720	120 ~ 720
		Ft-WG	0.04 ~ 0.207	0.04 ~ 0.207	0.04 ~ 0.241	0.04 ~ 0.241	0.04 ~ 0.241	0.04 ~ 0.241
Net weight(4/6rows)		kg	1100/1150	1100/1150	1250/1300	1250/1300	1340/1390	1340/1390
Gross weight(4/6rows)		kg	1110/1160	1110/1160	1260/1310	1260/1310	1350/1400	1350/1400
Sound pressure level		dB(A)	≤73	≤73	≤75	≤75	≤76	≤76
Connection pipe size	water inlet/outlet	—	DN65/DN80	DN80/DN80	DN65/DN80	DN80/DN80	DN65/DN80	DN80/DN80
	Condensed water drain	—	DN32	DN32	DN32	DN32	DN32	DN32
Dimension	Outline	mm	2630×1500×2130	2630×1500×2130	2830×1600×2130	2830×1600×2130	2830×1600×2230	2830×1600×2230
	Package	mm	2930×1800×2430	2930×1800×2430	3130×1900×2430	3130×1900×2430	3130×1900×2530	3130×1900×2530
Loading quantity	40' GP	set	0	0	0	0	0	0
	40' HQ	set	4	4	3	3	3	3

Note:

- 1. The specification is base on 100% return air. 100% fresh air model is also available for the same range.
- 2. The power input of motor is subjected to the external static pressure, please refer to the brand for the accurate value.
- 3. These series models are basic models. They may not have the required certificate in your targeted market. For more information, please consult your regional sales manager.



Hydronic Air Handling Unit

Gree Hydronic Air Handling Unit is a new kind of air handling unit developed by Gree. It features beautiful appearance, compact structure, convenient installation and maintenance, high rigidity and low leakage rate, etc. It can provide multiple function section combination, which can be widely applied in the industrial air conditioning places, commercial air conditioning places and public air conditioning places.

Features

Beautiful Appearance and Long Lifespan

- Special painted steel plate: The outer surface of unit adopts high-quality painted steel plate (color steel plate is optional) for effective anti-corrosion.
- Anodized aluminium extruded section frame: The surface of the frame is anodized to provide good anti-corrosion performance and beautiful appearance.



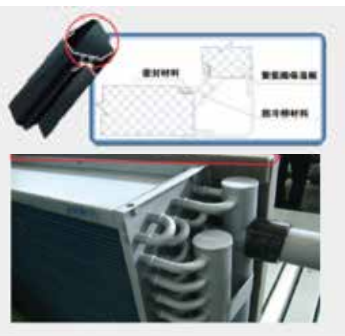
High-intensity Case

- The close frame is made up of 2mm aluminium extruded section and 3D glass fiber angle brace. Its strength is much bigger than normal open frame, which can reduce torsional deflection in max design wind pressure and ensure stable performance in various bad environments.



Good Airtightness and Anti-cold Bridge Design

- The case adopts unique anti-cold bridge aluminum alloy with high-pressure polyurethane in the double-layer panel. In addition to the neoprene and PVC double-layer sealing structure, it can prevent cold bridge completely and ensure the leakage rate of case within 1%.
- All parts connected with cooling coils are insulated with insulation materials to avoid condensation water.



High-quality Coil Design with Better Performance

- The coil adopts hyperbolic corrugated fin and connects with cooper pipe by mechanical expanding. The corrugated fin of cooling coil adopts hydrophilic materials. Water drainage valve is set at the lowest point of coil loop to avoid freezing of coil in winter by draining the water inside pipe completely. Discharge valve is set at the highest point of coil to avoid blockage, which may affect heat exchange.
- The water tray can be made by galvanized steel plate or stainless steel to form a groove shaped structure. So that the drainage water can be accumulated and discharge easily to avoid generation of microbes and bacteria, etc.



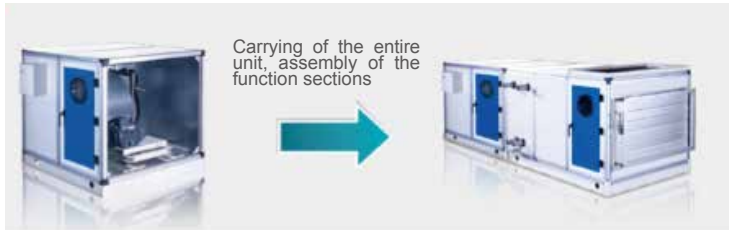
Excellent Soundproof Performance

- The double-layer high-density foaming box board is with excellent soundproof performance, which can effectively reduce noise.
Soundproof performance sheet of box board:

Center frequency		Hz	125	250	500	1000	2000	4000
Sound-insulation value	25mm	dB(A)	14	20	28	42	34	39
	50mm	dB(A)	23	24	31	47	40	43

Convenient for Transportation and Installation

- Gree Hydronic Air Handling Unit adopts simple modular structure, which can be carried wholly or in parts or function sections to be assembled on the spot according to the requirements.



- Gree Hydronic Air Handling Unit can be transported and supplied in sections. Sealing pads and connection clamping fittings are provided for quick assembly on the spot.

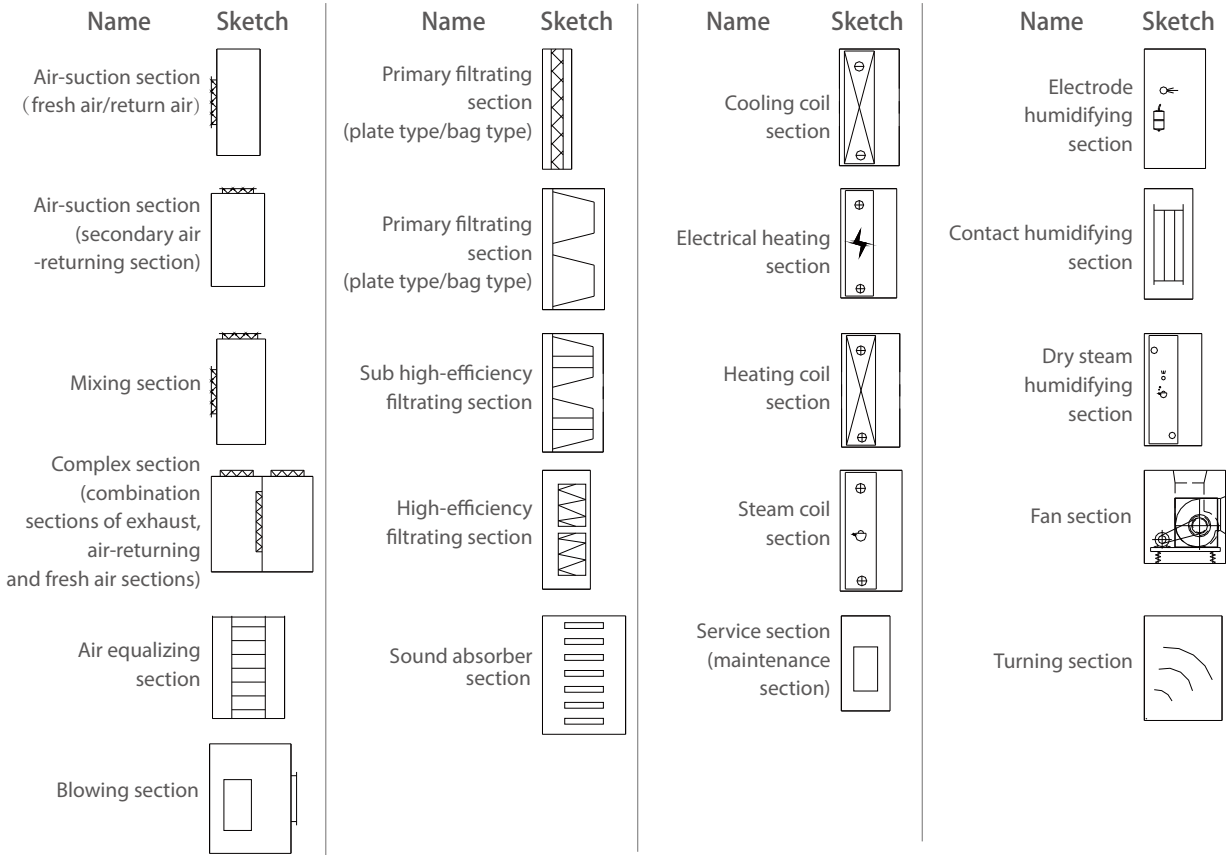


Item	Nominal test condition (temperature)			
	DB(°C)	DB(°C)	DB(°C)	DB(°C)
Cooling	27	19.5	7	12
Heating	21	—	60	—

Spec.	Section dimension		Airflow volume against air velocity					Cooling capacity under air return condition	Cooling capacity under fresh air condition	Air supply total pressure	
GZK*	W(mm)	H(mm)	Unit	2(m/s)	2.25(m/s)	2.5(m/s)	2.75(m/s)	3(m/s)	kW	kW	Pa
0804	850	450	m³/h	1128	1269	1410	1552	1693	7-12	19-26	400~1200
			CFM	663	746	829	911	994			
0806	850	650	m³/h	1975	2221	2468	2715	2962	13-21	33-45	400~1200
			CFM	1160	1305	1450	1595	1740			
0808	850	850	m³/h	2821	3174	3526	3879	4231	18-30	48-65	400~1200
			CFM	1657	1864	2071	2278	2486			
1008	1050	850	m³/h	3735	4202	4669	5136	5603	24-38	61-87	400~1200
			CFM	2194	2468	2743	3017	3291			
1208	1250	850	m³/h	4650	5231	5812	6393	6975	30-48	61-87	400~1200
			CFM	2731	3073	3414	3756	4097			
1608	1650	850	m³/h	6479	7288	8098	8908	-	44-69	109-149	400~1200
			CFM	3806	4281	4757	5233	-			
1010	1050	1050	m³/h	4856	5463	6070	6677	7284	31-49	79-114	400~1500
			CFM	2852	3209	3566	3922	4279			
1210	1250	1050	m³/h	6045	6800	7556	8311	9067	39-62	99-138	400~1500
			CFM	3551	3995	4438	4882	5326			
1610	1650	1050	m³/h	8351	9395	10438	11482	12526	56-89	140-192	400~1500
			CFM	4905	5519	6132	6745	7358			
2010	2050	1050	m³/h	10728	12069	13410	14751	16092	75-108	169-233	400~1500
			CFM	6302	7090	7877	8665	9453			
1212	1250	1250	m³/h	7811	8788	9764	10740	11717	50-80	128-179	400~1500
			CFM	4588	5162	5736	6309	6883			
1612	1650	1250	m³/h	10920	12285	13650	15015	16380	74-116	183-251	400~1500
			CFM	6415	7217	8018	8820	9622			
2012	2050	1250	m³/h	13905	15643	17381	19119	20857	97-140	219-302	400~1500
			CFM	8168	9189	10210	11231	12252			
1616	1650	1650	m³/h	14606	16432	18258	20083	21909	98-155	245-336	400~1500
			CFM	8580	9652	10725	11797	12870			
1816	1850	1650	m³/h	16709	18798	20887	22975	25064	121-179	255-387	400~1500
			CFM	9815	11042	12269	13496	14723			
2016	2050	1650	m³/h	18812	21164	23516	25867	28219	139-190	279-408	400~1500
			CFM	11051	12432	13813	15195	16576			
2020	2050	2050	m³/h	23107	25995	28884	31772	34660	170-233	365-502	400~2000
			CFM	13573	15270	16967	18664	20360			

*: These series models are basic models. They may not have the required certificate in your targeted market. For more information, please consult your regional sales manager.

Optionl Funtion Section



Air Curtain

It is a kind of fan coil unit that is connected to the chillers to realize cooling/heating for civil or residential use.



Inner groove copper



Washable filter



Quiet function



Multi fan speed



Compact design

- Thanks to optimized air flue design that greatly improve the fan efficiency and lower the operation noise.
- Flexible air inlet/outlet directions, meet different installation requirements.
- Washable filter is optional when equiped with air return box.
- Thanks to optimized air flue design that greatly improve the fan efficiency and lower the operation noise.
- Flexible air inlet/outlet directions, meet different installation requirements.
- Washable filter is optional when equiped with air return box.
- Washable filter is optional when equiped with air return box.
- Usable for both 50/60Hz units.



Nominal test condition (temperature)		
Item	DB (°C)	WB (°C)
Cooling	27	19.5
Heating	21	—

Model			FM-1.25-9-K	FM-1.25-12-K
Power supply	V/Hz		220-240/50-60	220-240/50-60
Power input	W		110	140
Air flow volume	m³/h		1200	1650
Sound pressure level	dB(A)		59	61
Dimension(WxDxH)	Outline	mm	900x225x220	1200x225x220
	Package	mm	1015x270x256	1315x270x256
Net weight/gross weight	kg		16/18	20/22
Loading quantity	40'GP	set	848	660
	40'HQ	set	954	746
Setting height	m		2.3~3	2.3~3
Standard	Wired remote controller		ZY611(MC)	ZY611(MC)

Note

Control system		Product series		Concealed ceiling type	Cassette type	Floor ceiling type	Wall mounted type	Air curtain
								
Wireless controller		YB1FA						
		ZY611(MC)						
Wired controller		Z4E3S1B						
Long distance monitoring software	Gree AC Eudemon 2009*1	FE30-0G/A(M)						
BMS accessories	Communication module (modbus)	ME30-17/E2(M)						
		DQ34*2						
		ZJ0212						
Other modules	Optoelectronic isolated converter	RS232-RS422-485						
	Optoelectronic isolated signal multiplier	RS-422*485						

Note:

● means standard, ○ means optional.

*1 If long-distance monitoring software Gree Eudemon 2009 is selected, the communication module ME30-17/L2(M) shall be selected also.
The selection shall refer to actual models.

*2 DQ34 including wired remote controller Z4E3511B and Communication module ZJ0212, so if DQ34 is selected, the wired remote controller Z54352A1 is not necessary to be selected. ME30-17/E2(M) is not necessary also.

ISO 9001 Quality System Certificate	ISO 14001 Environment Management System Certificate	ISO 18001 Occupation Healthy Safety System Certificate	Canadian CSA Certificate	German TÜV Certificate
European Communities CE Certificate	American UL Certificate	Russian Safety Certificate	EOM	SASO Certificate
German GS Certificate	European EMC Certificate	Argentina Safe Certificate	China EMC Certificate	Hongkong Energy-saving Certificate
Australian SAA Safe Certificate	Australia SAA Certificate	CQC Certificate	America ETL Certificate	Canadian ETL Certificate
			Thailand TIS Certificate	