



Hiwall **FIXED SPEED** SmartSaver Series B



Affordable comfort perfectly suited for your family



Indoor Model Number			CH413B-012-H3S1C	CH413B-018-H3S1C	CH413B-024-H3S1C	
Outdoor Model Number			CG413B-012PH3S1C	CG413B-018PH3S1C	CG413B-024PH3S1C	
Power supply			1Ph / 208-230V/60Hz	1Ph / 208-230V/60Hz	1Ph / 208-230V/60Hz	
Cooling (RTCA)	Capacity	BTU/hr	12011	17999	24001	
		W/hr	3520	5275	7034	
	Input	W	1200	1800	2400	
	Rated current	Amps	5.30	7.90	10.90	
	EER	W/W	2.93	2.93	2.93	
		BTU/W	10.00	10.00	10.00	
	SEER	BTU/W	13.00	13.30	13.90	
Max. input consumption		W	1650	2600	2400	
Max. current		Amps	7.90	12.40	14.50	
Indoor unit	Indoor fan motor	Model	YYK19-4-60	YYK25-4-60	YYK 50-4C-60	
		Brand	DONGFANG	DONGFANG	DONGFANG	
		Output Power	W	19	25	50
		Capacitor	uF	1.5	1.5	3.0
		Speed (Hi/Mi/Lo)	RPM	1200/1150/1100/1000	1300/1200/1100/1000	1300/1200/1100/1000
	Indoor coil	Fin spacing		1.4	1.5	1.5
		Fin material		Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
		Tube outside dia.and mate	mm	φ7, Inner Grooved	φ7, Inner Grooved	φ7, Inner Grooved
		Coil length x height x width	mm	602 X 252 X 12.7	652 X 315 X 25.4	738 X 336 X 25.4
	Indoor air flow (Hi/Mi/Lo)		m3/h	600/550/480	700/600/550	1050/950/800
	Rated input Power(cooling/heating)		W	35	50	80
	Rated current (cooling/heating)		Amps	0.2	0.25	0.35
	Moisture Removal		L/h	1.1	2	2.6
	Sound level(Hi/Mi/Lo)		dB(A)	39/37/34	45/42/39	49/47/45
	Unit dimension (W*H*D)		mm	800 X 292 X 190	850 X 190 X 292	970 X 310 X 230
	Packing (W*H*D)		mm	865 X 335 X 240	915 X 335 X 240	1035 X 380 X 310
	Net weight		kg	7.4	8.6	12.8
Gross weight		kg	8.5	9.8	15.6	
Outdoor unit	Compressor	Model	QXA-A109rT130U	ASF165N03UDTC	QXA-E22rH030	
		Brand / Type	GREE / Rotary	GMCC / Rotary	GREE / Rotary	
	Outdoor fan motor	Model	YDK25-6-60	YDK25-6-60	YDK2-80-6G	
		Brand	DONGFANG	DONGFANG	DONGFANG	
		Output Power	W	25	25	80
		Capacitor	uF	2.5	2.5	5
		Speed	RPM	1000±30	1000±30	900±30
	Outdoor coil	Fin spacing		1.3	1.5	1.2
		Fin material		Non-hydrophilic	Non-hydrophilic	Non-hydrophilic
		Tube outside dia.and mate	mm	φ5, Inner Grooved	φ5, Inner Grooved	φ5, Inner Grooved
		Coil length x height x width	mm	604 X 468 X 11.57	775 X 508 X 13.6	823 X 546 X 18.2
	Sound level		dB(A)	49	55	57
	Unit dimension (W*H*D)		mm	700 X 302 X 510	800 X 302 X 550	860 X 378 X 597
	Packing (W*H*D)		mm	765 X 345 X 550	870 X 355 X 595	945 X 670 X 430
	Net weight		kg	24	30.3	37
Gross weight		kg	25.4	32.3	41.6	
Refrigerant type			R410A	R410A	R410A	
Refrigerant charge		g	405	835	955	
Design pressure		MPa	4.5	4.5	4.5	
Refrigerant piping	Liquid pipe	mm	φ6.35	φ6.35	φ6.35	
	Gas pipe	mm	φ9.52	φ12.70	φ15.88	
	Max. refrigerant pipe length	M	10	10	15	
	Max. difference in level	M	5	5	10	
Operation temperature range		°C	16°C-43°C	16°C-43°C	16°C-43°C	
Ambient temperature range		°C	16°C-48°C	16°C-48°C	16°C-48°C	
Qty'per 40HQ		sets	330	280	183	