D(P)CH cooling / heating specifications

R-410A

Model DPCH: Cooling and Heating				DP14HH364A	DP14HH484A
Tonnage				3	4
Cooling Capacity	Nom.		Btu/h	36,000	48,000
Heating Capacity	Nom.		Btu/h	31,000	42,000
Power Input	Nom.	Cooling	Watts	2,880	3,840
EER	Nom.	Cooling	Btuh / W	12.50	12.50
Evaporator	Air Flow Rate	Cooling	Cfm	1,200	1,600
External Static Pressure			inch H_2O	0.1 - 0.8	
			Pa	25 - 200	
Condensation drain size		OD	inch	¾"	
Dimensions		H x L x D	mm	889 x 1,682 x 865	984 x 1,682 x 865
Shipping Weight			kg	175	189
Casing	Colour/ Material			Nickel Gray Powder Coat / HG Galvanized Steel	
Operation range		Cooling	°CDB	16 to 52c	
Sound Power level	Nom.		dB	80	
Power Supply	Voltage/Phase/Frequency		V / Ph / Hz	208/230-1/60	208/230-1/60

Model DCH: Cooling / Heating				DCH048*6D*B	DCH060*6D*B	DCH072*6D*B
Tonnage				4	5	6
Cooling Capacity	Nom.		Btu/h	46,000	60,000	70,500
Heating Capacity	Nom.		Btu/h	45,000	56,000	67,000
Power Input	Nom.	Cooling	Watts	3,801	5,042	6,295
EER	Nom.	Cooling	Btuh / W	12.10	11.90	11.20
Evaporator	Air Flow Rate	Cooling	Cfm	1,600	2,000	2,150
External Static Pressure			inch H_2O	0.1 - 0.9	0.1 - 0.9	0.1 - 1
			Pa	25 - 225	25 - 225	25 - 250
Condensation drain size		OD	inch	¾"		
Dimensions		H x L x D	mm	987x1,881x1,227	987x1,881x1,227	1,088x1,881x1,227
Shipping Weight			kg	280	307	307
Casing	Colour/ Material			UV Resistant Powder / HG Galvanized Steel		
Operation range		Cooling	°CDB	2 to 52c		
Sound Power level	Nom.		dB	78		
Power Supply	Voltage/Phase/Frequency		V / Ph / Hz	400/3/60		

				DCH090*6B*A	DCH102*6B*A	DCH120*6B*A	DCH150*6B*A
Tonnage				7.5	8.5	10	12.5
Cooling Capacity	Nom.		Btu/h	90,000	101,000	115,000	137,000
Heating Capacity	Nom.		Btu/h	92,000	112,000	120,000	142,000
Power Input	Nom.	Cooling	Watts	7,826	8,938	10,000	13,173
EER	Nom.	Cooling	Btuh / W	11.50	11.30	11.50	10.40
Evaporator	Air Flow Rate	Cooling	Cfm	3,000	3,550	3,500	3,900
External Static Pressure			inch H_2O	0.1 - 1.1	0.1 - 1.1	0.2 - 1.4	0.2-1.4
			Pa	25 - 275	25 - 275	50 - 350	50 - 350
Condensation drain size		OD	inch	¾"			
Dimensions		H x L x D	mm	1,355x2,539x1,568	1,355x2,539x1,568	1,355x2,539x1,568	1,495x2,539x1,568
Shipping Weight			kg	534	595	595	614
Casing	Colour/ Material			UV Resistant Powder / HG Galvanized Steel			
Operation range		Cooling	°CDB	2 to 52c			
Sound Power level	Nom.		dB	83			
Power Supply	Voltage/Phase/Frequency		V / Ph / Hz	400/3/60			

D(P)CC cooling specifications

R-410A

Model DPCC: Cooling				DP14CH364A	DP14CH484A
Tonnage				3	4
Cooling Capacity	Nom.		Btu/h	36,000	47,000
Power Input	Nom.	Cooling	Watts	2,975	3,852
EER	Nom.	Cooling	Btuh / W	12.10	12.20
Evaporator	Air Flow Rate	Cooling	Cfm	1,200	1,600
External Static Pressure			inch H_2O	0.1 - 0.8	
			Pa	25 - 200	
Condensation drain size		OD	inch	¾"	
Dimensions		H x L x D	mm	889 x 1,682 x 865	984 x 1,682 x 865
Shipping Weight			kg	170	173
Casing	Colour/ Material			Nickel Gray Powder Coat / HG Galvanized Steel	
Operation range		Cooling	°CDB	16 to 52c	
Sound Power level	Nom.		dB	80	
Power Supply	Voltage/Phase/Frequency		V / Ph / Hz	208/230-1/60	208/230-1/60

Model DCC: Cooling				DCC048*6D*B	DCC060*6D*B	DCC072*6D*B
Tonnage				4	5	6
Cooling Capacity	Nom.		Btu/h	47,000	62,000	72,000
Power Input	Nom.	Cooling	Watts	3,852	5,124	6,261
EER	Nom.	Cooling	Btuh / W	12.20	12.10	11.50
Evaporator	Air Flow Rate	Cooling	Cfm	1,600	2,050	2,350
External Static Pressure			inch H_2O	0.1 - 0.9	0.1 - 0.9	0.1 - 1
			Pa	25 - 225	25 - 225	25 - 250
Condensation drain size		OD	inch	¾"		
Dimensions		H x L x D	mm	987x1,881x1,227	987x1,881x1,227	1,088x1,881x1,227
Shipping Weight			kg	270	295	295
Casing	Colour/ Material			Nickel Gray Powder Coat / HG Galvanized Steel		
Operation range		Cooling	°CDB	2 to 52c		
Sound Power level	Nom.		dB	78		
Power Supply	Voltage/Phase/Frequency		V / Ph / Hz	400/3/60		

				DCC090*6B*A	DCC102*6B*A	DCC120*6B*A	DCC150*6B*A	DCC180*6B*A	DCC240*6B*A	DCC300*6B*A
Tonnage				7,5	8,5	10	12,5	15	20	25
Cooling Capacity	Nom.		Btu/h	90,000	101,000	118,000	146,000	180,000	240,000	290,000
Power Input	Nom.	Cooling	Watts	7,826	8,783	10,261	14,898	15,570	23,170	27,570
EER	Nom.	Cooling	Btuh / W	11.50	11.50	11.50	9.80	11.20	10.2	10.4
Evaporator	Air Flow Rate	Cooling	Cfm	3,000	3,300	3,750	4,850	5,875	7,000	8,000
External Static Pressure			inch H_2O	0.1 - 1.1	0.1 - 1.1	0.2 - 1.4	0.2-1.4	0.2-1.2	0.2 - 1.2	0.2 - 1.2
			Pa	25 - 275	25 - 275	50 - 350	50 - 350	50 - 300	50 - 300	50 - 300
Condensation drain size		OD	mm	¾"	¾"	¾"	¾"	1"		
Dimensions		H x L x D	mm	1,355x2,539x1,568	1,355x2,539x1,568	1,355x2,539x1,568	1,495x2,539x1,568	1,289x3,397x2,239	1,289x3,397x2,239	1,289 x 3,397 x 2,239
Shipping Weight			kg	493	511	511	568	894	945	959
Casing	Colour/ Material			Nickel Gray Powder Coat / HG Galvanized Steel				Nickel Gray Powder Coat / HG Galvanized Steel		
Operation range		Cooling	°CDB	2-52°C				2-52°C		
Sound Power level	Nom.		dB	82	83			88	92	92
Power Supply	Voltage/Phase/Frequency		V/ / Hz	400/3/60	400/3/60	400/3/60	400/3/60	400/3/60	400/3/60	400/3/60

Daikin Airconditioning Saudi Arabia

Riyadh - King Abdulaziz Road - Al Sahafa Area - Al Sheeha Center

After Kingdom Hospital - Sheeha Commercial Center

P.O. Box 14949, Riyadh 11434 | Tel: +966 11 510 8500 | Fax: +966 11 510 8502

Toll Free: 800 11 10909 | info@daikin-ksa.com | www.daikin-ksa.com

DAIKIN Middle East & Africa | DAIKIN Middle East & Africa | DAIKIN_MEA | www.daikin-ksa.com

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Rooftop Unit | DP-DC Series

SASO UL **R-410A**

PRELIMINARY

DP-DC rooftop units

DAIKIN DP-DC air conditioner rooftop units

Comfort for life Global Number 1

DAIKIN is a global leader for indoor comfort, with millions of systems installed throughout the world. Today, millions and millions of people trust DAIKIN to deliver comfort for life to families and businesses alike.

Corrosion Protection

Ultra Gold fin Condenser coil is standard on all units for superior corrosion protection even in the harshest environment especially in coastal areas.

Electric Heat Kits

Heaters can be easily installed inside rooftop (in a special compartment) unit. No need to install heaters in ducting (outside the units). Kits to be ordered seperatly as an accessory.

Dependable compressor

One of the most critical components of a rooftop air conditioner is the compressor.

DAIKIN DCC Packaged Air Conditioners boast high-performance, high- efficiency compressors which operate in tandem with our high efficiency coil. The coil is made of refrigeration-grade copper tubing and aluminum fins in a design that maximizes surface area. These high-quality components together cool effectively. This exceptional construction offers one of our best levels of reliability, durability, and efficiency you'll find in a compressor.

Outstanding warranty* protection

R-410A Refrigerant

Compared to packaged units using R-22 refrigerant, your new DAIKIN rooftop Unit will not only provide you with energy-saving performance for many years, but it also features R-410A refrigerant. This refrigerant does not contain chlorine.

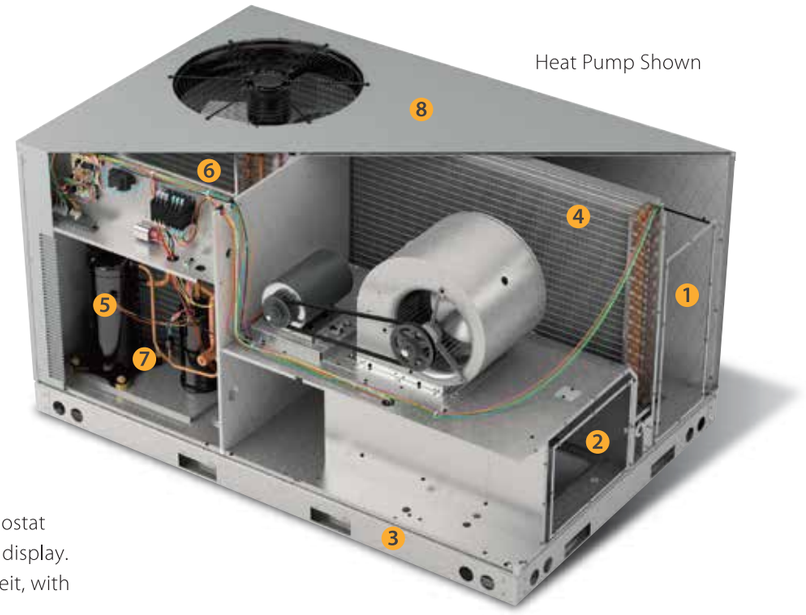
Digital Thermostat

Electronic wall mounted 4-wire thermostat is included with all rooftops with LCD display. Operates in both Celsius and Fahrenheit, with Auto Cool and Heat function.

SMARTCOIL™

Our 4, 5, 6, 7½, 8.5, 12.5, 15, 20 and 25-ton DCC model rooftop units now feature our SmartCoil™ condensing coil, the most advanced and efficient 5mm copper tube and aluminum fin combination available.

Heat Pump Shown



Features

1. Built-in filter rack with standard 2" filters
2. 3- to12½-ton units are convertible for horizontal or downflow applications
3. Full-perimeter base rail; Footprint fits many existing curbs
4. Copper tube/ aluminum fin evaporator coil
5. High-efficiency scroll compressor
6. SmartCoil™ 5mm condenser coil (in selected models)
7. High-capacity, steel cased filter drier
8. A cabinet made of heavy-gauge galvanized steel

...and benefits

- Energy-efficient heating and cooling performance (Exceeds minimum ENERGY performance standards in SAUDI ARABIA)
- Chlorine-free R-410A refrigerant
- Heavy-gauge, galvanized steel cabinet with UV-resistant powder-paint finish resists weather and time.
- Air Conditioning, Heating were tested in accordance to Refrigeration Institute (AHRI)
- Low vibration and noise