

Haier

LIGHT COMMERCIAL

R410a



Haier Commercial Air Conditioning

Light Commercial-Duct Series

Commercial AC

Haier
Inspired Living

FEATURES

PRODUCT IMAGES

Smart Inverter Control:

- Smart DC Inverter Technology brings 30% energy saving compared to Fixed Speed.

(UVGI) Ultra Voilent Germicidal Irradiation Function:

- Kills bacteria, viruses & mold/fungus within seconds.

Super Comfort:

- High Air Flow with DC Fan Motor.
- 100% Air Flow in Long Ductwork.
- Multiple Choice of External Static Pressure & Air Flow.
- Better Dehumidification with 4-Rows Deep Coil Evaporator.

High Reliability:

- Super Reliability in 60°C Operation.
- 3-Ph Sequence Correction Technology.

Easy to Control:

- Group Control & Central Control option.



General Details		Unit	Inverter - Cooling Only		
Nominal Performance Data	Models	Indoor Unit	AD66HC1QRA	AD102HC1QRA	AD132HC1QRA
	Capacity - Cooling/Heating	Outdoor Unit	1U66NC1QRB	1U102PC1QRB	1U132WC1QRB
		TR (Nominal)	5.5	8.5	11
		Btu/h (Nominal)	66020	102000	132000
Power Supply	KW (Nominal)	19.35	29.89	38.69	
	Ph/V/Hz	3/380-415V/50	3/380-415V/50	3/380-415V/50	
Indoor Unit Specifications					
Performance	Air Flow	CFM	2207	3410	4413
	ESP	Pa	50/100	30-180 (10 Step)	40-220 (10 Step)
	Sound Pressure Level(H/M/L/SL)	dB(A)	49/46/42	49/46/43	49/46/43
Installation	External Dimensions(W/D/H)	mm	1197*650*360	1350*490*425	1330*895*500
	Net Weight	Kg	56	61	99
	Wired Controller	/	Standard	Standard	Standard
	Wireless Controller	/	Optional	Optional	Optional
No. of Row Deep Coils	Nos.	3	4	4	
UVGI Function	/	Optional	Optional	Optional	
Outdoor Unit Specifications					
Performance	Air Flow (H)	CFM	3234	4116	5880
	Sound Pressure Level	dB(A)	61	58	60
Installation	External Dimensions(W/D/H)	mm	950*370*965	950*370*1350	1050*400*1636
	Net Weight	Kg	86	108	168
	Refrigerant Type	/	R-410a	R-410a	R-410a
	Refrigerant Charge	/	Yes	Yes	Yes
	Refrigerant Liquid Pipe	mm	9.52	9.52	12.7
	Refrigerant Gas Pipe	mm	19.05	19.05	22.2
Maximum Operating Temperature	°C	60	60	60	
Special Coating on PCB (Insect Proof, Water Proof)	/	Yes	Yes	Yes	
Operating Voltage Range	V	300-460	300-460	300-460	
3-Ph Sequence Corrector	/	Yes	Yes	Yes	
18.8 mm Depth Corrugated Fin in Outdoor	/	Yes	Yes	Yes	
550 mm Dia Large Outdoor Fan	/	Yes	Yes	Yes	

Note: Due to our policy of innovations, some specification may be change without any prior information.



Light Commercial-Tower Series

Commercial AC

FEATURES

Smart Inverter Control:

- Smart DC Inverter Technology brings 30% energy saving compared to Fixed Speed.

Self Clean Technology Air:

- Innovative Self Clean Technology improves the air quality and ensure Clean & Healthy Environment.

(UVGI) Ultra Voilent Germicidal Irradiation Function:

- Kills bacteria, viruses & mold/fungus within seconds.

High Reliability:

- Super Reliability in 60°C Operation.
- 3-Ph Sequence Correction Technology.

Super Comfort:

- 3D Air Flow - Vertical & Horizontal auto swing (2-Swing Motors) combines with 160° wide angle air circulation.
- 50ft Long Distance Air Flow.

Easy to Control:

- Wi-Fi Control.
- Group Control & Central Control option.

PRODUCT IMAGES



General Details		Unit	Cooling Only			Heat Pump
Nominal Performance Data	Models	Indoor Unit	AP36KC1QRA	AP48KC1QRA	AP96FS1ERA	AP48KC1ERA
	Capacity - Cooling/Heating	Outdoor Unit	1U36NC1QRB	1U48NC1QRB	1U96WS1QRB	1U48C2ERB
		TR (Nominal)	3.0	4.0	8.0	4.0
		Btu/h (Nominal)	36200	48000	96000	48000
	KW (Nominal)	10.0	14.1	28.2	14.1	
	Power Supply		1/220-240V/50	3/380-415V/50	3/380-415V/50	3/380-415V/50
Indoor Unit Specifications						
Performance	Air Flow	CFM	1176	1176	2646	1180
	Sound Pressure Level(H/M/L/SL)	dB(A)	49/45/41	49/45/41	60/58/56/54	49/45/41
Installation	External Dimensions(W/D/H)	mm	600*350*1850	600*350*1850	1200*420*1880	600*350*1850
	Net Weight	Kg	59/68	59	140	59
	Wireless Controller	/	Standard	Standard	Standard	Standard
	Wired Controller	/	Optional	Optional	Optional	Optional
Self Clean Function	/	Yes	Yes	Yes	Yes	
Long Distance Air Flow	m	15	15	15	15	
Wide Angle Air Flow	°C	160	160	160	160	
3-D Air Flow	/	Yes	Yes	Yes	Yes	
Child Lock Function	/	Yes	Yes	Yes	Yes	
UVGI Function	/	Optional	Optional	Optional	Optional	
Outdoor Unit Specifications						
Performance	Air Flow (H)	CFM	2940	3234	5880	6000
	Sound Pressure Level	dB(A)	60	61	62	58
Installation	External Dimensions(W/D/H)	mm	950*370*965	950*370*965	1050*400*1636	948*340*1250
	Net Weight	Kg	83	86	155	96
	Refrigerant Type	/	R-410a	R-410a	R-410a	R-410a
	Refrigerant Charge	/	Yes	Yes	Yes	Yes
	Refrigerant Liquid Pipe	mm	9.52	9.52	12.7	9.52
	Refrigerant Gas Pipe	mm	19.05	19.05	22.2	19.05
Maximum Operating Temperature	Cooling	°C	60	60	60	50
	Heating	°C	/	/	/	-15
Special Coating on PCB (Insect Proof, Water Proof)	/	Yes	Yes	Yes	Yes	
Operating Voltage Range	V	150-300	300-460	300-460	300-460	
3-Ph Sequence Corrector	/	Yes	Yes	Yes	Yes	
18.8 mm Depth Corrugated Fin in Outdoor	/	Yes	Yes	Yes	Yes	
550 mm Dia Large Outdoor Fan	/	Yes	Yes	Yes	Yes	

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