

Haier

Inspired Living

World's No.1
Brand in Major Appliances



Light Commercial R410a



2022 Light Commercial Line-up Haier Commercial Air Conditioning

*Source: Euromonitor International Limited; Consumer Appliances 2022, % unit share, 2021 volume sales data.

Light Commercial-Cassette Series

Commercial AC

Haier
Inspired Living

FEATURES

- Smart Inverter Control:**
- Smart DC Inverter Technology brings 30% energy saving compared to Fixed Speed.
- Self Clean Technology:**
- Innovative Self Clean Technology improves the air quality and ensure Clean & Healthy Environment.
- UVGI Function:**
- Kills bacteria, viruses & mold/fungus within seconds.
- High Reliability:**
- Super Reliability in 60°C Operation.
 - 3-Ph Sequence Correction Technology.
- Super Fashion:**
- Stylish Spiral Design Panel with ABS Material "Piano White Colour".
 - Hidden LCD Display Design with High Stylish Appearance.
 - Individual Louvers Control Function.
- Super Comfort:**
- Round-Way Airflow with No Blind Spot.
 - Super Slim - 246mm height gives maximum living space.
- Easy to Control:**
- Group Control & Central Control option.

PRODUCT IMAGES



| General Details | | Unit | Inverter - Cooling Only | | | Inverter - Heat Pump | | Fixed Speed - Cooling Only |
|--|--------------------------------|-----------------|-------------------------|---------------|---------------|----------------------|---------------|----------------------------|
| Nominal Performance Data | Models | Indoor Unit | AB24GC1QRA | AB36KC1QRA | AB48KC1QRA | AB48HC1ERA | AB48HC1ERA | AB48KC1QRA |
| | | Outdoor Unit | 1U24JC1QRA | 1U36NC1QRB | 1U48NC1QRB | 1U36HC1ERA | 1U48IC1ERB | 1U48NC1QAB |
| | Capacity - Cooling/Heating | TR (Nominal) | 2.0 | 3.0 | 4.0 | 3.0 | 4.0 | 4.0 |
| | | Btu/h (Nominal) | 24400 | 34500 | 48000 | 36000 | 48000 | 48000 |
| | | KW (Nominal) | 7.1 | 10.0 | 14.1 | 10.6 | 14.1 | 14.1 |
| | Power Supply | Ph/V/Hz | 1/220-240V/50 | 3/380-415V/50 | 3/380-415V/50 | 1/220-240V/50 | 3/380-415V/50 | 3/380-415V/50 |
| | EER | W/W | / | / | / | / | / | 2.95 |
| | ISEER | W/W | 3.55 | 3.55 | 3.50 | 3.50 | 3.50 | / |
| Star Rating | / | ★★★ | / | / | / | / | / | |
| Indoor Unit Specifications | | | | | | | | |
| Performance | Air Flow | CFM | 850 | 1205 | 1205 | 1122 | 1122 | 1205 |
| | Sound Pressure Level(H/M/L/SL) | dB(A) | 46/44/41/38 | 46/44/41/38 | 46/44/41/38 | 48/46/42/37 | 48/46/42/37 | 48/46/42/37 |
| Installation | External Dimensions(W/D/H) | mm | 840*840*246 | 840*840*246 | 840*840*246 | 840*840*246 | 840*840*246 | 840*840*246 |
| | Net Weight | Kg | 31 | 31 | 31 | 33 | 33 | 33 |
| | Wireless Controller | / | Standard | Standard | Standard | Standard | Standard | Standard |
| | Wired Controller | / | Optional | Optional | Optional | Optional | Optional | Optional |
| Panel | Panel Model | Standard | PB-950KB | PB-950KB | PB-950KB | PB-950KB | PB-950KB | PB-950KB |
| | Move Eye Panel | Optional | PB-950MB | PB-950MB | PB-950MB | PB-950MB | PB-950MB | PB-950MB |
| | External Dimensions(W/D/H) | mm | 950*950*50 | 950*950*50 | 950*950*50 | 950*950*50 | 950*950*50 | 950*950*50 |
| | Net Weight | Kg | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 |
| Round Way Air Flow | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| Self Clean Function | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| High Lift Drain Pump | mm | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | |
| Individual Louver Control | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| Piano White Colour ABS Material Panel | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| Hidden Display | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| UVGI Function | / | Optional | Optional | Optional | Optional | Optional | Optional | |
| Outdoor Unit Specifications | | | | | | | | |
| Performance | Air Flow (H) | CFM | 5000 | 7650 | 8500 | 6800 | 10200 | 8500 |
| | Sound Pressure Level | dB(A) | 60 | 61 | 61 | 58 | 58 | 61 |
| Installation | External Dimensions(W/D/H) | mm | 950*370*965 | 950*370*965 | 950*370*965 | 948*340*840 | 948*340*1250 | 950*370*965 |
| | Net Weight | Kg | 83 | 86 | 86 | 70 | 94 | 86 |
| | Refrigerant Type | / | R-410a | R-410a | R-410a | R-410a | R-410a | R-410a |
| | Refrigerant Charge | / | Yes | Yes | Yes | Yes | Yes | Yes |
| | Refrigerant Liquid Pipe | mm | 9.52 | 9.52 | 9.52 | 9.52 | 9.52 | 9.52 |
| | Refrigerant Gas Pipe | mm | 12.7 | 15.88 | 19.05 | 15.88 | 19.05 | 19.05 |
| Maximum Operating Temperature | Cooling | °C | 60 | 55 | 60 | 50 | 50 | 53 |
| | Heating | °C | / | / | / | -15 | -15 | / |
| Special Coating on PCB (Insect Proof, Water Proof) | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| Operating Voltage Range | V | 150-300 | 300-460 | 300-460 | 150-300 | 300-460 | 300-460 | |
| 3-Ph Sequence Corrector | / | N/A | Yes | Yes | N/A | Yes | N/A | |
| 18.8 mm Depth Corrugated Fin in Outdoor | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| 550 mm Dia Large Outdoor Fan | / | Yes | Yes | Yes | 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

Haier
Inspired Living

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 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.
- 15m Long Distance Air Flow for Better Air Circulation.

Easy to Control:

- Wi-Fi Remote Control Technology, control AC from anywhere at your comfort.
- Group Control & Central Control option.

PRODUCT IMAGES



| General Details | | Unit | Inverter - Cooling Only | | | Inverter - Heat Pump | | Fixed Speed - Cooling Only |
|--|--------------------------------|---------------------|-------------------------|-------------------|-------------------|----------------------|-------------------|----------------------------|
| Nominal Performance Data | Models | Indoor Unit | AP36KC1QRA | AP48KC1QRA | AP96FS1ERA | AP36KC1ERA | AP48KC1ERA | AP48KC1QRA |
| | | Outdoor Unit | 1U36NC1QRB | 1U48NC1QRB | 1U96WS1QRB | 1U36HC1ERA | 1U48C2ERB | 1U48NC1QAB |
| | Capacity - Cooling/Heating | TR (Nominal) | 3.0 | 4.0 | 8.0 | 3.0 | 4.0 | 4.0 |
| | | Btu/h (Nominal) | 36200 | 48000 | 96000 | 36000 | 48000 | 48000 |
| | | KW (Nominal) | 10.0 | 14.1 | 28.2 | 10.6 | 14.1 | 14.1 |
| | Power Supply | | 3/380-415V/50 | 3/380-415V/50 | 3/380-415V/50 | 1/220-240V/50 | 3/380-415V/50 | 3/380-415V/50 |
| | EER | W/W | / | / | / | / | 2.95 | |
| | ISEER | W/W | 3.5 | 3.50 | 3.30 | 3.50 | 3.50 | |
| Indoor Unit Specifications | | | | | | | | |
| Performance | Air Flow | CFM | 1176 | 1176 | 2646 | 1032 | 1180 | 1176 |
| | Sound Pressure Level(H/M/L/SL) | dB(A) | 49/45/41 | 49/45/41 | 60/58/56/54 | 46/43/40 | 49/45/41 | 49/45/41 |
| Installation | External Dimensions(W/D/H) | mm | 600*350*1850 | 600*350*1850 | 1200*420*1880 | 600*350*1850 | 600*350*1850 | 600*350*1850 |
| | Net Weight | Kg | 59/68 | 59 | 140 | 59 | 59 | 59 |
| | Wireless Controller | / | Standard | Standard | Standard | Standard | Standard | Standard |
| | Wired Controller | / | Optional | Optional | Optional | Optional | Optional | Optional |
| Self Clean Function | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| Long Distance Air Flow | m | 15 | 15 | 15 | 15 | 15 | 15 | |
| Wide Angle Air Flow | °C | 160 | 160 | 160 | 160 | 160 | 160 | |
| 3-D Air Flow | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| Child Lock Function | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| UVGI Function | / | Optional | Optional | Inbuilt | Optional | Optional | Optional | |
| Outdoor Unit Specifications | | | | | | | | |
| Performance | Air Flow (H) | CFM | 2940 | 3234 | 5880 | 4000 | 6000 | 5000 |
| | Sound Pressure Level | dB(A) | 60 | 61 | 62 | 58 | 58 | 61 |
| Installation | External Dimensions(W/D/H) | mm | 950*370*965 | 950*370*965 | 1050*400*1636 | 948*340*840 | 948*340*1250 | 950*370*965 |
| | Net Weight | Kg | 83 | 86 | 155 | 65 | 96 | 86 |
| | Refrigerant Type | / | R-410a | R-410a | R-410a | R-410a | R-410a | R-410a |
| | Refrigerant Charge | / | Yes | Yes | Yes | Yes | Yes | Yes |
| Maximum Operating Temperature | Refrigerant Liquid Pipe | mm | 9.52 | 9.52 | 12.7 | 9.52 | 9.52 | 9.52 |
| | Refrigerant Gas Pipe | mm | 15.88 | 19.05 | 22.2 | 15.88 | 19.05 | 19.05 |
| | Cooling | °C | 55 | 60 | 60 | 50 | 50 | 53 |
| | Heating | °C | / | / | / | -15 | -15 | / |
| Special Coating on PCB (Insect Proof, Water Proof) | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| Operating Voltage Range | V | 150-300 | 300-460 | 300-460 | 150-300 | 300-460 | 300-460 | |
| 3-Ph Sequence Corrector | / | Yes | Yes | Yes | N/A | Yes | N/A | |
| 18.8 mm Depth Corrugated Fin in Outdoor | / | Yes | Yes | Yes | Yes | Yes | Yes | |
| 550 mm Dia Large Outdoor Fan | / | Yes | Yes | Yes | Yes | Yes | Yes | |


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



Light Commercial-Duct Series

Commercial AC

Haier
Inspired Living

| FEATURES | PRODUCT IMAGES |
|--|---|
| <p>Smart Inverter Control:</p> <ul style="list-style-type: none"> Smart DC Inverter Technology brings 30% energy saving compared to Fixed Speed. <p>UVGI Function:</p> <ul style="list-style-type: none"> Kills bacteria, viruses & mold/fungus within seconds. <p>Super Comfort:</p> <ul style="list-style-type: none"> 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. <p>High Reliability:</p> <ul style="list-style-type: none"> Super Reliability in 60°C Operation. 3-Ph Sequence Correction Technology. <p>Easy to Control:</p> <ul style="list-style-type: none"> Group Control & Central Control option. |  |

| General Details | | Unit | Inverter - Cooling Only | | |
|--|---------------------------------|---------------------|-------------------------|--------------------|--------------------|
| Nominal Performance Data | Models | Indoor Unit | AD66HC1QRA | AD102HC1QRA | AD132HC1QRA |
| | | Outdoor Unit | 1U66NC1QRB | 1U102PC1QRB | 1U132WC1QRB |
| | Capacity - Cooling/Heating | TR (Nominal) | 5.5 | 8.5 | 11 |
| | | Btu/h (Nominal) | 66020 | 102000 | 132000 |
| | | KW (Nominal) | 19.35 | 29.89 | 38.69 |
| | Power Supply | Ph/V/Hz | 3/380-415V/50 | 3/380-415V/50 | 3/380-415V/50 |
| | ISEER | W/W | 3.60 | 3.30 | 3.50 |
| 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.