



20ACH (R410A) Deluxe Portable Air Conditioner and Heat Pump

When ordering, please specify the **MODEL and SERIAL NUMBER** of the unit, to ensure accuracy. Need help identifying a part? Call our KEEP COOL TEAM (847) 583-0311

| BARTHO | 20/ | DACH | 20ACH |
|----------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|
| PART NO. | 12 | 1211 | 1811 | 2412 | 3612 | 3632 | 3634 | 6012 | 6032 | 6034 |

ELECTRICAL COMPONENTS

| 025-007 | Contactor, 30 Amp, 3-Pole, 208-240V Coil | | | | | | ✓ | ✓ | | ✓ | ✓ |
|-----------|---|---|---|---|---|---|---|---|---|---|-----------------------|
| 025-008 | Contactor, 40 Amp, 2-Pole, 208-240V Coil | | | | | ✓ | | | ✓ | | |
| 025-011 | Transformer, High Voltage 2KVA | | | | | | | ✓ | | | ✓ |
| 025-045 | * 3-Phase Monitor (208-230V, SSAC) | | | | | | ✓ | | | ✓ | |
| 025-046 | * 3-Phase Monitor (460V, SSAC) | | | | | | | ✓ | | | ✓ |
| 025-053 | *3-Phase Monitor (230-460V, ICM) | | | | | | ✓ | ✓ | | ✓ | ✓ |
| 028-026 | LCDI Cord (5-15P), #30380550 | ٧ | / | | | | | | | | |
| 028-027 | LCDI Cord (5-20P), #30390005 | | | √ | | | | | | | |
| 028-024 | LCDI Cord (6-20P), #30389503 | | | | ✓ | | | | | | |
| 028-028 | LCDI Cord (6-30P), #30384012 | | | | | √ | | | | | |
| 028-014 | Svc Cord (6-50P) | | | | | | | | ✓ | | |
| 028-016 | Cord Plug (L15-30P) | | | | | | ✓ | | | ✓ | |
| SA028-018 | Cord Cable SOW 10/4 (10 ft) | | | | | | ✓ | ✓ | | ✓ | ✓ |
| 028-029 | Cord Plug (L16-20P) | | | | | | | ✓ | | | ✓ |
| 029-009 | Condensate Tank Micro Switch (after Z4-46850) | ٧ | / | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| SA029-002 | Condensate Tank Micro Switch Assembly | v | / | ✓ | ✓ | ✓ | ✓ | ✓ | | | |

*Please confirm ICM/SSAC brand installed before placing order. Wiring diagram will be different if we need to substitute due to supply chain.

CONTROLS

| SA012-012 | Heat/Cool Thermostat Assembly (specify model/serial number when ordering) | √ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
|-----------|---|---|---|-----------------------|---|---|-----------------------|---|---|---|
| 012-003 | Power Module/Circuit or Relay Board (specify model/serial number when ordering) | ✓ | ✓ | ✓ | ✓ | ✓ | √ | ✓ | ✓ | ✓ |
| 012-033 | 7' Remote Air Temperature Sensor | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 012-005 | Display Cable (6 ft) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| SA066-014 | Hi-Pres. Cut-Out, Man. Reset, 600 PSI | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 068-007 | Reversing Valve - Small - V2-48060-200 | ✓ | ✓ | ✓ | | | | | | |
| 025-006 | Solenoid Coil, 115V | √ | ✓ | | | | | | | |
| 068-004 | Reversing Valve - Large - V4-412080-100 | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 025-004 | Solenoid coil, 230V | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 068-032 | Hot-Gas ByPass Valve HGBEI 90/120 | √ | ✓ | ✓ | | | | | | |
| 068-022 | Hot Gas Bypass Valve, HGBE-5 | | | | ✓ | ✓ | √ | ✓ | ✓ | ✓ |





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| PARTNO. | | 1211 | 1811 | 2412 | 3612 | 3632 | 3634 | 6012 | 6032 | 6034 |
| | AIR FILTERS (Black Poly) | · | | | | | | | | |
| 030-034 | Condenser Filter | √ | | | | | | | | |
| 030-040 | Condenser Filter | | ✓ | ✓ | | | | | | |
| 030-046 | Condenser Filter | | | | ✓ | ✓ | ✓ | | | |
| 030-043 | Condenser Filter | | | | | | | ✓ | ✓ | ✓ |
| 030-033 | Evaporator Filter | √ | | | | | | | | |
| 030-039 | Evaporator Filter | | ✓ | ✓ | | | | | | |
| 030-045 | Evaporator Filter | | | | ✓ | ✓ | ✓ | | | |
| 030-042 | Evaporator Filter | | | | | | | ✓ | ✓ | ✓ |
| | GRILLES | | | | | | | | | |
| 038-056 | Condenser Return Grille | √ | | | | | | | | |
| 038-058 | Condenser Return Grille | | ✓ | ✓ | | | | | | |
| 038-060 | Condenser Return Grille | | | | ✓ | ✓ | ✓ | | | |
| 038-061 | Condenser Return Grille | | | | | | | ✓ | ✓ | ✓ |
| 038-054 | Evaporator Discharge Grille | √ | | | | | | | | |
| 038-057 | Evaporator Discharge Grille | | ✓ | ✓ | | | | | | |
| 038-036 | Evaporator Discharge Grille | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 038-055 | Evaporator Return Grille | √ | | | | | | | | |
| 038-059 | Evaporator Return Grille | | ✓ | ✓ | | | | | | |
| 038-040 | Evaporator Return Grille | | | | ✓ | ✓ | ✓ | | | |
| 038-050 | Evaporator Return Grille | | | | | | | ✓ | ✓ | ✓ |
| | CASTERS | - | | | - | - | - | - | - | - |
| 011-005 | 4" Gray w/Brake (Front) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| 011-006 | 4" Gray , Swivel (Rear) | √ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| 011-012 | 5" Gray w/Brake (Front) | | | | | | | ✓ | ✓ | ✓ |
| 011-011 | 5" Gray, Swivel (Rear) | | | | | | | ✓ | ✓ | ✓ |
| 011-025 | 5" Heavy Duty Black Caster, with Brake, Front (after Y1-42367) | | | | | | | ✓ | ✓ | ✓ |
| 011-024 | 5" Heavy Duty Black Caster, Stationary, Rear (after Y1-42367) | | | | | | | ✓ | ✓ | ✓ |





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| PART NO. 1211 1811 2412 3612 3632 3634 6012 6032 6034 COILS 031-035 Card Coil (1015) ✓ | | | 20ACH |
|--|-----------------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 031-015 Evap Coll (1015) ✓ <td>PART NO.</td> <td></td> | PART NO. | | | | | | | | | | |
| 031-039 Cond Col (1039) Image: Col (304) Image: Col (Col (304) Image: Col (Col (304) Image: Col (Col (304) Image: Col (Col (Col (304)) Image: Col (Col (Col (Col (Col (Col (Col (Col | 8 | COILS | | | | | | | • | | |
| 031-048 Evap Coll (3049) ✓ | 031-015 | Evap Coil (1015) | √ | | | | | | | | |
| Diricition Diricitie Diricitie <thdiricitie< th=""> Diricitie Diri</thdiricitie<> | 031-039 | Cond Coil (1039) | √ | | | | | | | | |
| Out-off Out-off <t< td=""><td>031-048</td><td>Evap Coil (3048)</td><td></td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | 031-048 | Evap Coil (3048) | | ✓ | ✓ | | | | | | |
| Cond Coll (2045) Cond Coll (2045) V <t< td=""><td>031-047</td><td>Cond Coil (3047)</td><td></td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | 031-047 | Cond Coil (3047) | | ✓ | ✓ | | | | | | |
| 031-040 Evap Coll (3040) Image: Cond Coll (3042) Image: Con | 031-043 | Evap Coil (3043) | | | | ✓ | 1 | ✓ | | | |
| 031-042 Cond Coil (3042) ✓ | 031-045 | Cond Coil (3045) | | | | ✓ | 1 | ✓ | | | |
| BLOWER WHEEL 013-025 Blower Wheel 6.312" D X 6.875" W E & C E I< | 031-040 | Evap Coil (3040) | | | | | | | 1 | √ | ✓ |
| 013-025 Blower Wheel 6.312" D X 6.875" W E & C E I <thi< th=""> <thi< th=""></thi<></thi<> | 031-042 | Cond Coil (3042) | | | | | | | √ | ✓ | ✓ |
| 013-111 Blower Wheel 6.312" D X 6.875" W Image: Constraint of the consthe constraint of the constraint of the con | | BLOWER WHEEL | | | | | | | | | |
| 013-112 Blower Wheel 8" D X 8" W C C C E C C C C C C C C C C C C C C C C <thc< th=""> C</thc<> | 013-025 | Blower Wheel 6.312" D X 6.875" W | E&C | E | | | | | | | |
| 013-137 Blower Wheel 9.5° D X 80° W (used AA2-49036 and after) Image: Constraint of the constraint | 013-111 | Blower Wheel 6.312" D X 6.875" W | | | Е | | | | | | |
| 013-121 Blower Wheel 10° D X 10° W E C < | 013-112 | Blower Wheel 8" D X 8" W | | С | С | Е | Е | Е | | | |
| 013-126 Blower Wheel 10° D X 10° W C < | 013-137 | Blower Wheel 9.5" D X 80" W (used AA2-49036 and after) | | | | E | Е | E | | | |
| FAN MOTORS SA050-025 Motor Assembly C Image: Colspan="6">Image: Colspan="6" Image: Colspan="6">Image: Colspan="6" Image: Colspan="6" Image | 013-121 | Blower Wheel 10" D X 10" W | | | | | | | Е | E | E |
| SA050-025 Motor Assembly C <td>013-126</td> <td>Blower Wheel 10" D X 10" W</td> <td></td> <td></td> <td></td> <td>С</td> <td>С</td> <td>С</td> <td>С</td> <td>С</td> <td>С</td> | 013-126 | Blower Wheel 10" D X 10" W | | | | С | С | С | С | С | С |
| SA050-026 Motor Assembly E E E I <thi< th=""> I</thi<> | | FAN MOTORS | | | | | | | | | |
| SA050-021 REPL Motor Assembly Motor Assembly Image: Constraint of the system of th | SA050-025 | Motor Assembly | С | | | | | | | | |
| SA050-031ACREPL Motor Assembly Motor Assembly Image: Constraint of the system of t | SA050-026 | Motor Assembly | E | E | | | | | | | |
| SA050-035REPL Motor Assembly Motor Assembly E C D <thd< th=""> D D D</thd<> | SA050-021REPL | Motor Assembly | | С | | | | | | | |
| SA050-034 Motor Assembly Motor Assembly (used AA2-49036 and after) Image: Constraint of the system of the syst | SA050-031ACREPL | Motor Assembly | | | E | | | | | | |
| SA050-034BB Motor Assembly (used AA2-49036 and after) E < | SA050-035REPL | Motor Assembly | | | С | E | E | E | | | |
| CAPACITORS (for Motors) 017-008 Capacitor for Motor 7.5MFD 370/440V E&C E E E C 017-018 Capacitor for Motor 10MFD 370/440V E&C E C <td< td=""><td>SA050-034</td><td>Motor Assembly</td><td></td><td></td><td></td><td>С</td><td>С</td><td>С</td><td>E&C</td><td>E&C</td><td>E&C</td></td<> | SA050-034 | Motor Assembly | | | | С | С | С | E&C | E&C | E&C |
| 017-008 Capacitor for Motor 7.5MFD 370/440V E | SA050-034BB | Motor Assembly (used AA2-49036 and after) | | | | E | E | E | | | |
| 017-018 Capacitor for Motor 10MFD 370/440V E&C E E Image: Comparison of the comparison | | CAPACITORS (for Motors) | | | | | | | | | |
| 017-019 Capacitor for Motor 5MFD 370/440V C C C C C C | 017-008 | Capacitor for Motor 7.5MFD 370/440V | | | E&C | E | Е | E | | | |
| | 017-018 | Capacitor for Motor 10MFD 370/440V | E&C | E | | | | | | | |
| 017-017 Capacitor for Motor 20MFD 370/440V C C C E&C E&C E&C E&C | 017-019 | Capacitor for Motor 5MFD 370/440V | | С | | | | | | | |
| | 017-017 | Capacitor for Motor 20MFD 370/440V | | | | С | С | С | E&C | E&C | E&C |





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| PART NO. | | 1211 | 1811 | 2412 | 3612 | 3632 | 3634 | 6012 | 6032 | 6034 |
| | COMPRESSORS | | | | | | | | | |
| 020-044 | Compressor, 115V, GK102CAB (overload included) | ✓ | | | | | | | | |
| 020-045 | Compressor, 115V, GKS134CA (overload included) | | ✓ | | | | | | | |
| 020-062 | Compressor, 230V, GJS208KAA | | | ✓ | | | | | | |
| 020-091 | Compressor, 230V, ZP34K5E-PFV-130 (order 021-016 Molded Plug as needed) | | | | ✓ | | | | | |
| 020-092 | Compressor, 230V, 3Ø, ZP34K5E-TF5-130 (order 021-016 Molded Plug as needed) | | | | | 1 | | | | |
| 020-093 | Compressor, 460V, 3Ø, ZP34K5E-TFD-130 (order 021-017 Molded Plug as needed) | | | | | | ✓ | | | |
| 020-082 | Compressor, 230V, ZP54K5E-PFV-130 (order 021-016 Molded Plug as needed) | | | | | | | √ | | |
| 020-083 | Compressor, 230V, 3Ø, ZP54K5E-TF5-130 (order 021-016 Molded Plug as needed) | | | | | | | | ✓ | |
| 020-084 | Compressor, 460V, 3Ø, ZP54K5E-TFD-130 (order 021-017 Molded Plug as needed) | | | | | | | | | ✓ |
| | CAPACITORS (for Compressors) | | | | | | | | | |
| 017-029 | Capacitor, 55 MFD 370/440V | ✓ | | | | | | | | |
| 017-005 | Capacitor, 50 MFD 370/440V | | ✓ | | | | | | | |
| 017-002 | Capacitor, 45 MFD 370/440V | | | | ✓ | | | | | |
| 017-016 | Capacitor, 80 MFD 370/440V | | | | | | | √ | | |
| 017-012 | Hard Start Kit SPP-5 (*option) | | * | | | | | | | |
| 017-021 | Hard Start Kit SPP-7S (*option) | | | | * | | | * | | |
| | MISCELLANEOUS | | | | | | | | | |
| 023-013 | 5 gallon Condensate Tank - Rectangular | ✓ | ✓ | ✓ | ✓ | √ | ✓ | | | |
| 023-008 | Drip Tray (Front and Rear) | ✓ | | | | | | | | |
| 023-006 | Drip Tray (Front and Rear) | | ✓ | ✓ | | | | | | |
| 023-009 | Drip Tray (Front) | | | | ✓ | √ | ✓ | | | |
| 023-010 | Drip Tray (Rear) | | | | ✓ | √ | ✓ | | | |
| 023-010 | Drip Tray (Front and Rear) | | | | | | | ✓ | ✓ | ✓ |
| 042-014 | Door Latch | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| 042-015 | Black Recessed Handle | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 042-017 | Soft Grip Handle (colors may vary) | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| UPK-115 | Condensate Pump Kit, 115V | √ | ✓ | | | | | | | |
| UPK-230 | Condensate Pump Kit, 230V | | | ✓ | ✓ | ✓ | ✓ | | | |
| 057-020R | Replacement Condensate Pump only, 115V | ✓ | ✓ | | | | | | | |
| 057-021R | Replacement Condensate Pump only, 230V | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |