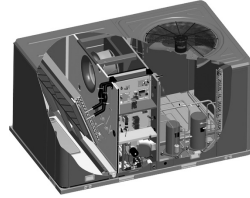


Quick Reference Guide

Precedent™ - Standard Efficiency Cooling, Gas/Electric 3 to 10 Tons Packaged Rooftop Units



Model Number: Used With:

| | |
|-----|---|
| TSC | Standard Efficiency Cooling Only (Electric Heat Optional) |
| YSC | Standard Efficiency Gas Heat Unit |

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Table 1. List of factory installed options^(a)

| | |
|---|--|
| 0-50% Motorized outside air damper | Manual outside air damper |
| Air-Fi® Wireless Communication Interface | MERV 8 filters |
| BACnet® Communication Interface (BCI-R) | MERV 13 filters |
| Barometric relief | Multiple zone VAV (variable air volume) |
| Belt drive motor | Multi-speed indoor fan system |
| Clogged filter switch | NOVAR 2024 controls |
| CompleteCoat™ (microchannel condenser coil) | NOVAR 3051 controls without zone sensor |
| Condensate overflow switch | NOVAR 3051 zone sensor |
| Demand control ventilation wiring | NOVAR return air sensor |
| Discharge air temperature sensing kit | Powered convenience outlet |
| Economizer - comparative enthalpy | ReliaTel™ controls |
| Economizer - dry bulb | Single zone variable air volume (SZVAV) |
| Economizer - low leak, dry bulb | Stainless steel drain pan |
| Economizer - reference enthalpy | Stainless steel heat exchanger |
| Fan failure switch | Supply, return, and plenum air smoke detectors |
| Fault detection & diagnostics (FDD); Meets CA Title 24 requirements | Through-the-base electric provision |
| Frostat™ | Through-the-base gas provision |
| Hail guard | Unit mounted circuit breaker |
| Hinged access panels | Unit mounted non-fused disconnect |
| Human interface - 5-in. color touchscreen | Unpowered convenience outlet |
| LonTalk® Communication Interface (LCI) | |

(a) Verify option availability in product catalog.

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Table 2. Standard efficiency, 3 to 10 ton packaged rooftop performance data (cooling or gas)

| Nominal Size (Tons) | 3 | 4 | 5 | 6 | 7.5 Single Compressor | 7.5 Dual Compressors | 8.5 | 10 |
|---|-------------|-------------|-------------|-------------|-----------------------|----------------------|-------------|-------------|
| Cooling Performance | | | | | | | | |
| Supply Air (cfm) ^(a) | 1,200 | 1,600 | 2,000 | 2,400 | 3,000 | 3,000 | 3,400 | 4,000 |
| Tot / Sens Cap (MBh) ^{(b)(c)} | 37.1/29.9 | 49.0/38.6 | 60.1/49.4 | 75.0/53.2 | 91.2/67.4 | 94.8/73.8 | 107.2/84.2 | 116.3/96.8 |
| SEER/EER | 14.0 | 14.0 | 14.0 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 |
| IEER (T/Y) | N/A | N/A | N/A | 12.9/12.7 | 12.9/12.7 | 12.9/12.7 | 12.9/12.7 | 12.9/12.7 |
| Gas Heating Performance | | | | | | | | |
| Low Heat (Input/output) - (MBh) | 80/64.8 | 80/64.8 | 80/64.8 | 80.0/64.0 | 120/96 | 120.0/96.0 | 120.0/96.0 | 150.0/120.0 |
| Medium Heat (Input/output) - (MBh) | 100/81 | 100/81 | 100/81 | 120.0/96.0 | 150/120 | 150.0/120.0 | 150.0/120.0 | 200.0/160.0 |
| High Heat (Input/output) - (MBh) | 120/97.2 | 130/105.3 | 150/121.5 | 150.0/120.0 | 200/160 | 200.0/160.0 | 200.0/160.0 | 235.0/164.5 |
| Other Information | | | | | | | | |
| Net Weight (Lbs) - Gas Heat | 472 | 492 | 522 | 710 | 760 | 847 | 885 | 1058 |
| Net Weight (Lbs) - Electric Heat | 431 | 452 | 498 | 667 | 679 | 797 | 837 | 960 |
| Roof Curb | BAYCURB042A | | | | BAYCURB043A | | | |
| Unit Cabinet Size | F | | | C | C | D | D | D |
| Filters ^(d) - Type Furnished | Throwaway | Throwaway | Throwaway | Throwaway | Throwaway | Throwaway | Throwaway | Throwaway |
| Number Size Recommended | (2) 20x30x2 | (2) 20x30x2 | (2) 20x30x2 | (4) 16x25x2 | (4) 16x25x2 | (4) 20x25x2 | (4) 20x25x2 | (4) 20x25x2 |

(a) Nominal cfm
 (b) Cooling performance is rated at 80/67/95
 (c) All units listed utilize 3-phase voltage
 (d) Optional 2-inch MERV 8 and MERV 13 filters also available

Table 3. Unit MCA and MOP electrical data (standard indoor fan motor) (cooling or gas)^(a)

| T/YSC | Volts | MCA | MOP |
|-------|-----------|-----|-----|
| 036 | 208-230/3 | 20 | 30 |
| 036 | 460/3 | 10 | 15 |
| 036 | 575/3 | 8 | 15 |
| 048 | 208-230/3 | 26 | 35 |
| 048 | 460/3 | 11 | 15 |
| 048 | 575/3 | 10 | 15 |
| 060 | 208-230/3 | 29 | 40 |
| 060 | 460/3 | 13 | 15 |
| 060 | 575/3 | 10 | 15 |
| 072 | 208-230/3 | 35 | 50 |
| 072 | 460/3 | 17 | 25 |
| 072 | 575/3 | 13 | 20 |
| 090 | 208-230/3 | 38 | 60 |
| 090 | 460/3 | 19 | 30 |
| 090 | 575/3 | 15 | 20 |
| 092 | 208-230/3 | 39 | 50 |
| 092 | 460/3 | 18 | 20 |
| 092 | 575/3 | 15 | 20 |
| 102 | 208-230/3 | 44 | 50 |
| 102 | 460/3 | 21 | 25 |
| 102 | 575/3 | 16 | 20 |
| 120 | 208-230/3 | 49 | 60 |
| 120 | 460/3 | 22 | 25 |

Table 4. Unit indoor fan data (cooling or gas) (continued)

| T/YSC | Volts | Standard HP - RPM | Oversize HP - RPM |
|-------|-----------------------|-----------------------|-------------------|
| 102 | 208-230/3 | 2/1750 ^(c) | 3/1750 |
| 102 | 460/3 | 2/1750 ^(c) | 3/1750 |
| 102 | 575/3 | 2/1750 ^(c) | 3/1750 |
| 120 | 208-230/3 | 2.75 - MULT | — |
| 120 | 460/3 | 2.75 - MULT | — |
| 120 | 575 ^{(a)(d)} | 2.75 - MULT | — |

(a) Direct drive motor

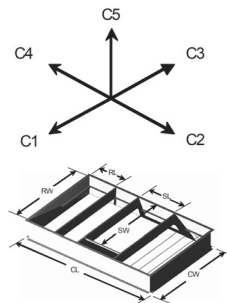
(b) Powered through 575/230V transformer

(c) Multi-speed and single zone VAV fan option uses 2.75 - MULT motor

(d) Powered through 575/480V transformer

Table 5. Unit dimensional data

| | C | D | F |
|---------------------------------------|--------|--------|----------|
| Unit Length UL | 88 5/8 | 88 5/8 | 69 7/8 |
| Unit Width UW | 53 1/4 | 53 1/4 | 44 1/4 |
| Unit Height UH | 40 7/8 | 46 7/8 | 40 7/8 |
| Clearance C1 | 48 | 48 | 48 |
| Clearance C2 | 36 | 36 | 36 |
| Clearance C3 | 36 | 36 | 36 |
| Clearance C4 | 36 | 36 | 36 |
| Clearance C5 | 72 | 72 | 72 |
| Curb Length CL | 84 1/2 | 84 1/2 | 65 13/16 |
| Curb Width CW | 50 3/8 | 50 3/8 | 41 7/16 |
| Supply Length SL^(a) | 18 1/2 | 18 1/2 | 16 3/4 |

**Table 3. Unit MCA and MOP electrical data (standard indoor fan motor) (cooling or gas)^(a)**

| T/YSC | Volts | MCA | MOP |
|-------|-------|-----|-----|
| 120 | 575/3 | 22 | 25 |

(a) For MCA/MOP of units with electric heat, refer to product catalog.

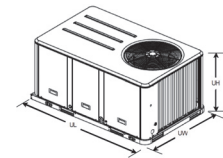
Table 4. Unit indoor fan data (cooling or gas)

| T/YSC | Volts | Standard HP - RPM | Oversize HP - RPM |
|-------|--------------------------|-------------------|-------------------|
| 036 | 208-230/3 ^(a) | 3/4 - MULT | 1 - MULT |
| 036 | 460/3 ^(a) | 3/4 - MULT | 1 - MULT |
| 036 | 575/3 ^{(a)(b)} | 3/4 - MULT | 1 - MULT |
| 048 | 208-230/3 ^(a) | 1 - MULT | 1 - MULT |
| 048 | 460/3 ^(a) | 1 - MULT | 1 - MULT |
| 048 | 575/3 ^{(a)(b)} | 1 - MULT | 1 - MULT |
| 060 | 208-230/3 ^(a) | 1 - MULT | 1 - MULT |
| 060 | 460/60/3 ^(a) | 1 - MULT | 1 - MULT |
| 060 | 575/3 ^{(a)(b)} | 1 - MULT | 1 - MULT |
| 072 | 208-230/3 | 1/1750 | 2/1750 |
| 072 | 460/3 | 1/1750 | 2/1750 |
| 072 | 575/3 | 1/1750 | 2/1750 |
| 090 | 208-230/3 | 1/1750 | 3/1750 |
| 090 | 460/3 | 1/1750 | 3/1750 |
| 090 | 575/3 | 1/1750 | 3/1750 |
| 092 | 208-230/3 ^(c) | 1/1750 | 3/1750 |
| 092 | 460/3 ^(c) | 1/1750 | 3/1750 |
| 092 | 575/3 ^(c) | 1/1750 | 3/1750 |

Table 5. Unit dimensional data (continued)

| | C | D | F |
|---------------------------------------|--------|--------|----------|
| Supply Width SW^(a) | 34 3/8 | 34 3/8 | 17 7/8 |
| Return Length RL^(a) | 18 1/4 | 18 1/4 | 14 19/16 |
| Return Width RW^(a) | 34 3/8 | 34 3/8 | 25 3/16 |

(a) Dimensions are for curb openings and not duct inserts. Reference the product catalog for duct insert dimensions.



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