

GPCH33031

Generated from workbook row data

| Attribute | Value |
|---|---|
| Brand | Goodman |
| ProductCategory | Unitary |
| ProductClassPIM | Packaged Air Conditioner |
| System Family | Unitary Packaged System |
| Function Category | Cooling Only |
| Product Type | Equipment |
| Unit Type | Outdoor |
| Market Type | Residential-Single Family |
| Product Family | GPCH3_32 |
| Series Name | GPCH3 |
| Short Description | Goodman Packaged Air Conditioner 13.4 SEER2, Single Stage, Horizontal, 2.5 Ton |
| Model Efficiency | 13.4 SEER2 |
| Family Description | Packaged Air Conditioner |
| Product Benefits | Meets the 2023 M1 Test Standards |
| Product Features - (Standard) | Energy-efficient compressor Multi-speed ECM indoor blower motor Quiet horizontal discharge All-Aluminum evaporator coil Copper tube / aluminum fin condenser coil Compressor sound blanket Totally enclosed permanently lubricated condenser fan motor Fully charged system Electric heat kit available as a field-installed option AHRI Certified UL listed |
| Cabinet Features | Heavy-gauge galvanized steel cabinet with attractive Architectural Gray powder-paint finish Aluminum foil-facing internal insulation reinforced with fiberglass scrim Meets cabinet air leakage requirements when tested in accordance with ASHRAE standard 193 Fully insulated blower compartment with convenient access panels Louvered condenser coil protection One footprint for all tonnages When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.) |
| Installation Type | Ducted |
| Communication Feature | No |
| Export Control Classification Number - (ECCN) | EAR99 |

| Attribute | Value |
|-------------------------------------|--|
| Product Notes | R32 Outdoor |
| Universal Product Code (UPC) | 663051740860 |
| Item Stocking Unit of Measure (UOM) | EA |
| Pallet Qty | 1 |
| Long Description | Goodman GPCH3 Horizontal Packaged Air Conditioner 13.4 SEER2, Single Stage, Multi Speed ECM, 2.5 Ton |
| ProductDescriptionPIM | 2.5t h-pkgd 13.4 seer2 ac |
| CoolingCapacityNominal | 27000 Btu/H |
| EER2HSVTC | 10.6 |
| ENERGYSTARCertified | No |
| SEER2HSVTC | 13.4 |
| SEERHSVTC | 13.4 |
| InstallationConfiguration | Horizontal |
| Producer | No |
| ProductIDBarcode | GPCH33031 |
| CoolingOperationRangeStdMax | 115 °F |
| CoolingOperationRangeStdMin | 67 °F |
| RatedCoolingConditionAmbientDB | 95 °F |
| RatedCoolingConditionAmbientWB | 75 °F |
| RatedCoolingConditionRoomDB | 80 °F |
| RatedCoolingConditionRoomWB | 67 °F |
| RatedHeatingConditionAmbientDB | 47 °F |
| RatedHeatingConditionAmbientWB | 43 °F |
| RatedHeatingConditionRoomDB | 70 °F |
| RatedHeatingConditionRoomWB | 60 °F |
| CompressorLRA | 76 A |
| CompressorRLA | 12.8 A |
| CurrentType | AC |
| EvapMotorRLA | 3.8 A |
| IndoorFLA | 3.8 A |
| MaxOvercurrentProtection | 30 A |
| MaxVoltage | 253 V |

| Attribute | Value |
|--------------------------|--------------|
| MinCircuitAmps | 20.8 A |
| MinVoltage | 187 V |
| OutdoorFanRLA | 0.95 A |
| OutdoorFLA | 0.95 A |
| OutdoorLRA | 0.0833333 |
| PowerFrequency | 60 Hz |
| PowerPhase | 1 Ph |
| PowerVoltage | 208-230 V |
| RatedLoadAmps | 12.8 A |
| TotalUnitAmps | 17.55 A |
| AirFlowRateHighCooling | 925 ft³/min |
| AirFlowRateHighHeating | 925 ft³/min |
| ANSI | No |
| BlowerMotorRPM | 1400 r/min |
| CompressorStages | Single Stage |
| CompressorType | Scroll |
| CondenserCoilMetalType | Copper |
| CondenserCoilRows | 1 |
| CondenserFanRPM | 810 r/min |
| CondenserFinDensity | 24 |
| DimensionsBlowerDiameter | 10 in |
| DimensionsBlowerWidth | 8 in |
| DimensionsUnitDepth | 34 in |
| DimensionsUnitHeight | 30 in |
| DimensionsUnitWidth | 66 in |
| DimensionsWheelDiameter | 10 in |
| DimensionsWheelWidth | 8 in |
| EnergySource | Electric |
| ETLListed | Yes |
| EvapCoilFaceArea | 5.26 |
| EvapCoilMetalType | Aluminum |
| EvapCoilRows | 3 |

| Attribute | Value |
|-----------------------------|------------------------|
| EvapFinDensityFinsPerInch | 14 |
| EvapMotorRPM | 1050 r/min |
| ExpansionDevice | Orifice |
| ExternalStaticPressureMax | 0.8 |
| ExternalStaticPressureRated | 0.8 |
| FanBladesCount | 3 |
| FanDiameter | 22 in |
| HeatExchangerType | Air Cooled |
| IndoorOrificeSize | 0.053 in |
| MotorSpeedType | Multi Speed ECM |
| NumberOfSpeeds | 5 |
| SoundPressureHighCooling | 74 dBA |
| SystemHighPressure | 660 lb/in ² |
| WeightUnit | 320 lb |
| BlowerInputPower | 198 kW |
| BlowerMotorHorsePower | 1/2 metric hp |
| CondenserFanHorsepower | 1/6 metric hp |
| CoolingCapacityMax | 27000 Btu/H |
| CoolingCapacityRated | 27000 Btu/H |
| CoolingCapacitySensible | 20200 Btu/H |
| EvapMotorHorsepower | 1/2 metric hp |
| SensibleHeatRatioST | 0.75 |
| Tonnage | 2.5 |
| CondensateDrainOutlet | 3/4 in |
| FactoryStdRefrigerantCharge | 36 oz |
| PipeSizeGas | 1/2 in |
| PipeSizeLiquid | 3/8 in |
| RefrigerantType | R-32 |
| Proposition 65 Label | Yes |
| Carton Type | CTN |
| Case Qty | 1 |
| Dimensions - (Case Depth) | 68.00 in |

| Attribute | Value |
|--|--|
| Dimensions - (Case Height) | 31.00 in |
| Dimensions - (Case Width) | 35.00 in |
| Dimensions - (Distribution Unit Depth) | 1 in |
| Dimensions - (Distribution Unit Height) | 1 in |
| Dimensions - (Distribution Unit Width) | 1 in |
| Dimensions - (Pallet Depth) | 68.00 in |
| Dimensions - (Pallet Height) | 31.00 in |
| Dimensions - (Pallet Width) | 35.00 in |
| Dimensions - (Shipping Unit Depth) | 68.00 in |
| Dimensions - (Shipping Unit Height) | 31.00 in |
| Dimensions - (Shipping Unit Width) | 35.00 in |
| Distribution Shipping Volume - (Unit) | 1 in ³ |
| Shipping Volume - (Unit) | 73780.000 in ³ |
| Truck Factor | 0 |
| Volume - (Case) | 73780.000 in ³ |
| Volume - (Distribution Shipping Unit) | 1 in ³ |
| Weight - (Case) | 314.000 lb |
| Weight - (Distribution Shipping Unit) | 1 lb |
| Weight - (Shipping Unit) | 314.000 lb |
| Registered Parts Warranty - Commercial | ALL PARTS - 5 YEARS PARTS |
| Registered Parts Warranty - Multi-Family | ALL PARTS - 10 YEARS PARTS |
| Registered Parts Warranty - Residential | ALL PARTS - 10 YEARS PARTS |
| Standard Parts Warranty - Commercial | ALL PARTS - 5 YEARS PARTS |
| Standard Parts Warranty - Multi-Family | ALL PARTS - 5 YEARS PARTS |
| Standard Parts Warranty - Residential | ALL PARTS - 5 YEARS PARTS |
| Ecomm Path Display | Equipment/Residential Packaged System/Packaged Air Conditioner |
| Release Status | Active |