

GPGM33006031

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Attribute	Value
Brand	Goodman
ProductCategory	Unitary
ProductClassPIM	Packaged Gas/Electric/Dual
System Family	Unitary Packaged System
Function Category	Heat Pump
Product Type	Equipment
Unit Type	Outdoor
Market Type	Residential-Single Family
Product Family	GPGM3_32
Short Description	Goodman Packaged Gas/Electric/Dual 13.4 SEER2, Single Stage, Downflow/Horizontal, 2.5 Ton
Model Efficiency	13.4 SEER2
Family Description	Packaged Gas / Electric Units, 13.4 SEER2 / 81% AFUE, 2 to 5 Tons
Product Benefits	Meets the 2023 M1 Test Standards
Product Features - (Standard)	<p>Energy-efficient scroll compressor Multi-speed ECM indoor blower motor Convertible airflow: horizontal or downflow application All-aluminum evaporator coil Power-assisted combustion Direct spark ignition system includes a microprocessor-based control for the entire ignition sequence, all blower operation, and all safety circuits complete with self-diagnostics All models comply with California Low NOx standards (40ng/J NOx) This furnace does not comply with the SCAQMD Rule 1111 nor the SJVAPCD Rule 4905 14 ng/J NOx emission limit and therefore is not eligible for installation in California's South Coast Air Quality Management District (SCAQMD) nor the San Joaquin Valley Air Pollution Control District (SJVAPCD) AHRI Certified ETL Listed</p>
Cabinet Features	<p>Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish Horizontal or downflow application Compressor sound blanket Convenient access panels One roof curb fits all units Fully insulated cabinet Bottom, 2" high base rails for easier handling When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds</p>
Installation Type	Ducted Multi-position
Communication Feature	No

Attribute	Value
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051707559
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	1
Country of Origin	USA
US HTS Code	8415.82.0115
Canadian HTS Code	8415.82.99.21
Long Description	Goodman Downflow/Horizontal Packaged Gas/Electric/Dual 13.4 SEER2, Single Stage Cooling, Multi-Speed, 2.5 Ton
ProductDescriptionPIM	2.5t pkggas 13.4seer2 60k 1p-r R-32
AFUE	0.81
AHRReferenceNumber	216574773
CoolingCapacityNominal	28600 Btu/H
EER2HSVTC	10.6
EERHSVTC	10.6
ENERGYSTARCertified	No
HeatingCapacityNominal	60000 Btu/H
SEER2HSVTC	13.4
SEERHSVTC	13.4
InstallationConfiguration	Downflow/Horizontal
Producer	Yes
ProductIDBarcode	GPGM33006031
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

Attribute	Value
ControlVoltageConduitSize	1.25 in
EvapMotorRLA	3.8 A
IndoorFLA	3.8 A
IndoorLRA	0.2 A
MaxOvercurrentProtection	30 A
MaxVoltage	253 V
MinCircuitAmps	21.2 A
MinVoltage	197 V
OutdoorFLA	0.95 A
OutdoorLRA	0.0833333
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerSupplyConduitSize	0.875 in
PowerVoltage	208/230 V
TotalUnitAmps	14.85 A
AirFlowRateHighCooling	760 ft ³ /min
AirFlowRateHighHeating	760 ft ³ /min
CompressorQuantity	1
CompressorStages	Single Stage
CompressorType	Scroll
CondenserCoilMetalType	Copper
CondenserCoilRows	1
CondenserFanRPM	1075 r/min
CondenserFinDensity	24
DimensionsBlowerDiameter	10 in
DimensionsBlowerWidth	8 in
DimensionsUnitDepth	51 in
DimensionsUnitHeight	34-1/2 in
DimensionsUnitWidth	47 in
DimensionsWheelDiameter	10 in
DimensionsWheelWidth	8 in
EvapCoilFaceArea	4.35

Attribute	Value
EvapCoilMetalType	Aluminum
EvapCoilRows	3
EvapFinDensityFinsPerInch	14
EvapMotorRPM	1050 r/min
ExpansionDevice	Orifice
ExternalStaticPressureRated	0.8
FanBladesCount	3
FanDiameter	22 in
HeatExchangerType	Gas
MotorSpeedTap	5 taps
MotorSpeedType	Multi-Speed
NOxBurnerType	Low NOx
NumberOfBurners	3
NumberOfSpeeds	5
OrificeSizeNatural	45 in
OrificeSizePropane	1.25 mm
SoundPressureHighCooling	78 dBA
WeightUnit	380 lb
CondenserFanHorsepower	1/4 metric hp
CoolingCapacityRated	22800 Btu/H
CoolingCapacitySensible	18206 Btu/H
EvapMotorHorsepower	1/2 metric hp
HeatingCapacityMax	48600 Btu/H
HeatingCapacityRated	60000 Btu/H
HighFireInputCapacity	60000 Btu
HighFireOutputCapacity	48600
LowFireInputCapacity	60000
LowFireOutputCapacity	48600
Tonnage	2.5
CondensateDrainOutlet	1 in
FactoryStdRefrigerantCharge	57 oz
GasValveType	Single Stage

Attribute	Value
PipeSizeGas	1/2 in
PipeSizeLiquid	3/8 in
RefrigerantType	R-32
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1
Dimensions - (Case Depth)	52.00 in
Dimensions - (Case Height)	38.75 in
Dimensions - (Case Width)	48.00 in
Dimensions - (Distribution Unit Depth)	52 in
Dimensions - (Distribution Unit Height)	38.75 in
Dimensions - (Distribution Unit Width)	48 in
Dimensions - (Pallet Depth)	52.00 in
Dimensions - (Pallet Height)	38.75 in
Dimensions - (Pallet Width)	48.00 in
Dimensions - (Shipping Unit Depth)	52.00 in
Dimensions - (Shipping Unit Height)	38.75 in
Dimensions - (Shipping Unit Width)	48.00 in
Distribution Shipping Volume - (Unit)	96720 in ³
Shipping Volume - (Unit)	96720.000 in ³
Truck Factor	0
Volume - (Case)	96720.000 in ³
Volume - (Distribution Shipping Unit)	96720 in ³
Weight - (Case)	403.000 lb
Weight - (Distribution Shipping Unit)	505.09 lb
Weight - (Shipping Unit)	403.000 lb
Registered Parts Warranty - Commercial	ALL PARTS - 5 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS
Registered Parts Warranty - Multi-Family	ALL PARTS - 10 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS
Registered Parts Warranty - Residential	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 10 YEARS PARTS
Standard Parts Warranty - Commercial	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 YEARS PARTS

Attribute	Value
Standard Parts Warranty - Multi-Family	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 YEARS PARTS
Standard Parts Warranty - Residential	ALL PARTS - 5 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS
Ecomm Path Display	Equipment/Residential Packaged System/Packaged Gas, Electric, Dual
Release Status	Active