

GPGM32404031

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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 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</p> <p>Multi-speed ECM indoor blower motor</p> <p>Convertible airflow: horizontal or downflow application</p> <p>All-aluminum evaporator coil</p> <p>Power-assisted combustion</p> <p>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</p> <p>All models comply with California Low NOx standards (40ng/J NOx)</p> <p>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)</p> <p>AHRI Certified</p> <p>ETL Listed</p>
Cabinet Features	<p>Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish</p> <p>Horizontal or downflow application</p> <p>Compressor sound blanket</p> <p>Convenient access panels</p> <p>One roof curb fits all units</p> <p>Fully insulated cabinet</p> <p>Bottom, 2" high base rails for easier handling</p> <p>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)	663051707528
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 Ton
ProductDescriptionPIM	2t pkggas 13.4seer2 40k 1p-r32 R-32
AFUE	0.81
AHRReferenceNumber	216574773
CoolingCapacityNominal	22800 Btu/H
EER2HSVTC	10.6
EERHSVTC	10.6
ENERGYSTARCertified	No
HeatingCapacityNominal	40000 Btu/H
SEER2HSVTC	13.4
SEERHSVTC	13.4
InstallationConfiguration	Downflow/Horizontal
Producer	Yes
ProductIDBarcode	GPGM32404031
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	59.3 A
CompressorRLA	10.2 A

Attribute	Value
ControlVoltageConduitSize	1.25 in
EvapMotorRLA	3.8 A
IndoorFLA	3.8 A
IndoorLRA	0.2 A
MaxOvercurrentProtection	25 A
MaxVoltage	253 V
MinCircuitAmps	17.6 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	810 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	2
NumberOfSpeeds	5
OrificeSizeNatural	45 in
OrificeSizePropane	1.25 mm
SoundPressureHighCooling	78 dBA
WeightUnit	370 lb
CondenserFanHorsepower	1/6 metric hp
CoolingCapacityRated	22800 Btu/H
CoolingCapacitySensible	18206 Btu/H
EvapMotorHorsepower	1/2 metric hp
HeatingCapacityMax	32400 Btu/H
HeatingCapacityRated	40000 Btu/H
HighFireInputCapacity	40000 Btu
HighFireOutputCapacity	32400
LowFireInputCapacity	40000
LowFireOutputCapacity	32400
Tonnage	2
CondensateDrainOutlet	1 in
FactoryStdRefrigerantCharge	59 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)	35.00 in
Dimensions - (Case Width)	48.00 in
Dimensions - (Distribution Unit Depth)	52 in
Dimensions - (Distribution Unit Height)	40 in
Dimensions - (Distribution Unit Width)	48 in
Dimensions - (Pallet Depth)	52.00 in
Dimensions - (Pallet Height)	35.00 in
Dimensions - (Pallet Width)	48.00 in
Dimensions - (Shipping Unit Depth)	52.00 in
Dimensions - (Shipping Unit Height)	35.00 in
Dimensions - (Shipping Unit Width)	48.00 in
Distribution Shipping Volume - (Unit)	99840 in ³
Shipping Volume - (Unit)	87360.000 in ³
Truck Factor	0
Volume - (Case)	87360.000 in ³
Volume - (Distribution Shipping Unit)	99840 in ³
Weight - (Case)	373.000 lb
Weight - (Distribution Shipping Unit)	373 lb
Weight - (Shipping Unit)	373.000 lb
Registered Parts Warranty - Commercial	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 YEARS PARTS
Registered Parts Warranty - Multi-Family	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 10 YEARS PARTS
Registered Parts Warranty - Residential	ALL PARTS - 10 YEARS PARTS;HEAT EXCHANGER - 20 YEARS PARTS
Standard Parts Warranty - Commercial	HEAT EXCHANGER - 20 YEARS PARTS;ALL PARTS - 5 YEARS PARTS

Attribute	Value
Standard Parts Warranty - Multi-Family	ALL PARTS - 5 YEARS PARTS;HEAT EXCHANGER - 20 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