

# GSZV904810

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Attribute	Value
Brand	Goodman
ProductCategory	Unitary
ProductClassPIM	Split Heat Pump
System Family	Unitary Split System
Function Category	Heat Pump
Product Type	Equipment
Unit Type	Outdoor
Market Type	Residential-Single Family
Product Family	GSZV9
Series Name	GSZV9
Short Description	Goodman Split Heat Pump 19.2 SEER2, Inverter
Model Efficiency	19.2 SEER2
Family Description	High-Efficiency, Communicating, Variable-Speed, Inverter Driven Split System Heat Pump, Up to 21.0 SEER2 & 8.5 HSPF2
Product Benefits	Meets the 2023 M1 Test Standards
Product Features - (Standard)	<p>Variable-speed swing and scroll compressors            High-density compressor sound blanket            Integrated communicating ComfortBridge™ Technology            Variable-speed, quiet DC outdoor fan motor            Control algorithmic logic            In communicating mode, only two low-voltage wires to outdoor unit required            Commissioning and diagnostics via indoor board Bluetooth with the CoolCloud™ phone and tablet application            Diagnostic indicator lights, seven-segment LED display, and fault code storage            Inside intelligence for diagnostics            Field-selectable boost mode increases compressor speed during unusually high loads            Field-installed bi-flow filter drier            Coil and ambient temperature sensors            Suction pressure transducer            Sweat connection service valves with easy access to gauge ports            AHRI Certified            ETL Listed</p>
Cabinet Features	<p>Heavy-gauge galvanized-steel cabinet            Removable grille-style top design compliant with UL 60335-2-40            Venturi for increased velocity of airflow            Custom Nickel Gray powder-paint finish            Wire fan discharge grille            Steel louver coil guard            Top and side maintenance access            Single-panel access to controls with space provided for field-installed accessories            When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)</p>

Attribute	Value
Installation Type	Ducted
Communication Feature	Yes
Communication Feature Type	Goodman GTST Smart Thermostat
DOE Regional Compliance	All
Export Control Classification Number - (ECCN)	EAR99
Universal Product Code (UPC)	663051638181
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	1
Country of Origin	USA
US HTS Code	8415.90.8070
Canadian HTS Code	8415.90.90.00
Long Description	Goodman GSZV9 Split Heat Pump 19.2 SEER2, Inverter, 4 Ton, Goodman GTST Smart Thermostat
ProductDescriptionPIM	4 Ton, heat Pump, Inverter, 19.2 SEER2, 8.2 HSPF2
COP47HSVTC	3.5
EER2HSVTC	12
ENERGYSTARCertified	Yes
HeatingCapacityNominal	48000 Btu/H
HSPF2HSVTC	8.2
SEER2HSVTC	19
InstallationConfiguration	Top Discharge
Producer	Yes
ProductIDBarcode	GSZV904810
CoolingOperationRangeStdMax	125 °F
CoolingOperationRangeStdMin	0 °F
HeatingOperationRangeStdMax	70 °F
HeatingOperationRangeStdMin	-20 °F
RatedCoolingConditionAmbientDB	95 °F
RatedCoolingConditionAmbientWB	75 °F
RatedCoolingConditionRoomDB	80 °F
RatedCoolingConditionRoomWB	67 °F
RatedHeatingConditionAmbientDB	47 °F

Attribute	Value
RatedHeatingConditionAmbientWB	43 °F
RatedHeatingConditionRoomDB	70 °F
RatedHeatingConditionRoomWB	60 °F
CompressorRLA	27.3 A
CurrentType	AC
MaxOvercurrentProtection	30 A
MaxVoltage	253 V
MinVoltage	197 V
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	27.3 A
CompressorStages	Inverter
CompressorType	Inverter
DimensionsUnitDepth	35.5 in
DimensionsUnitHeight	41.25 in
DimensionsUnitWidth	35-1/2 in
EnergySource	Electric
ExpansionDevice	EEV;TXV
MotorSpeedType	Multi-Speed
SoundPressureHighCooling	75 dBA
WeightUnit	291 lb
CoolingCapacityRated	45000 Btu/H
HeatingCapacityRated	44500 Btu/H
Tonnage	4
AdditionalRefrigerantCharge	0.6 lb
FactoryStdRefrigerantCharge	272 oz
MaxPipeLengthTotal	200 ft
MaxPipeLengthVertical	90 ft
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft
RefrigerantType	R-410A

Attribute	Value
ValveConnectionType	Ball Valve
ValveSizeLiquidOD	3/8 in
ValveSizeSuctionOD	7/8 in
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1
Dimensions - (Case Depth)	37.00 in
Dimensions - (Case Height)	44.00 in
Dimensions - (Case Width)	37.00 in
Dimensions - (Distribution Unit Depth)	37 in
Dimensions - (Distribution Unit Height)	44 in
Dimensions - (Distribution Unit Width)	37 in
Dimensions - (Pallet Depth)	37.00 in
Dimensions - (Pallet Height)	44.00 in
Dimensions - (Pallet Width)	37.00 in
Dimensions - (Shipping Unit Depth)	37.00 in
Dimensions - (Shipping Unit Height)	44.00 in
Dimensions - (Shipping Unit Width)	37.00 in
Distribution Shipping Volume - (Unit)	60236 in <sup>3</sup>
Shipping Volume - (Unit)	60236.000 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	60236.000 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	60236 in <sup>3</sup>
Weight - (Case)	330.090 lb
Weight - (Distribution Shipping Unit)	330.09 lb
Weight - (Shipping Unit)	330.090 lb
Registered Parts Warranty - Commercial	ALL PARTS - 5 YEARS PARTS
Registered Parts Warranty - Multi-Family	ALL PARTS - 10 YEARS PARTS

Attribute	Value
Registered Parts Warranty - Residential	COMPRESSORS - 10 YEARS PARTS ALL PARTS - 10 YEARS PARTS ALL PARTS - 10 YEARS PARTS COMPRESSORS - 10 YEARS PARTS ALL PARTS - 10 YEARS PARTS COMPRESSORS - 10 YEARS PARTS
Registered Unit Replacement Warranty - Residential	COMPRESSORS - 10 YEARS UNIT REPLACEMENT COMPRESSORS - 10 YEARS UNIT REPLACEMENT COMPRESSORS - 10 YEARS UNIT REPLACEMENT
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 Split System/Split Heat Pump
Release Status	Obsolete