

# GZV6SA3610

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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	GZV6SA
Series Name	GSV6S
Short Description	Goodman Split Heat Pump 16.2 SEER2, Inverter
Model Efficiency	16.2 SEER2
Family Description	High-Efficiency, Communication, Split System Heat Pump Up to 16.2 SEER2 & 8.5 HSPF2
Product Benefits	Meets the 2023 M1 Test Standards
Product Features - (Standard)	<p>Variable-speed swing compressors</p> <p>Quiet digitally commutated fan motor • High-density compressor sound blanket</p> <p>Compatible with Goodman GTST connected thermostat and other Goodman communicating equipment</p> <p>Proprietary control algorithmic logic</p> <p>In communicating mode, only two lowvoltage wires to outdoor unit required</p> <p>Diagnostic indicator lights, seven-segment LED display, and fault code storage</p> <p>Proprietary Inside intelligence for diagnostics</p> <p>Quiet-mode - provides enhanced acoustical comfort, up to 3 different sound levels (as low as 45dBA)</p> <p>Field-selectable boost mode increases compressor speed during unusually high loads</p> <p>Field-installed bi-flow filter drier</p> <p>Coil and ambient temperature sensors</p> <p>Suction pressure transducer</p> <p>Sweat connection service valves with easy access to gauge ports</p> <p>AHRI Certified</p> <p>ETL Listed</p>
Cabinet Features	<p>Heavy-gauge galvanized steel cabinet with grille-style sound control side design</p> <p>Custom Ivory white powder-paint finish</p> <p>High corrosion (ZAM®), unpainted steel bottom frame and legs</p> <p>500-hour salt-spray tested</p> <p>Wire fan discharge grille</p> <p>Top and side maintenance access</p> <p>When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)</p>
Installation Type	Ducted

Attribute	Value
Communication Feature	Yes
Communication Feature Type	Non-Communicating
DOE Regional Compliance	All
Export Control Classification Number - (ECCN)	EAR99
ISO Certified	Yes
Product Notes	R32 Outdoor
Universal Product Code (UPC)	663051747098
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	4
Country of Origin	Mexico
US HTS Code	8415.90.8070
Canadian HTS Code	8415.90.90.00
Long Description	Goodman GSV6S Split Heat Pump 16.2 SEER2, Inverter, 3 Ton, Non-Communicating
ProductDescriptionPIM	16.2 SEER2 HP R32, 3 Ton
COP47HSVTC	3.3
EER2HSVTC	9
ENERGYSTARCertified	No
HeatingCapacityNominal	36000 Btu/H
HSPF2HSVTC	8.5
SEER2HSVTC	16.6
InstallationConfiguration	Side Discharge
Producer	No
ProductIDBarcode	GZV6SA3610
CoolingOperationRangeStdMax	115 °F
CoolingOperationRangeStdMin	0 °F
HeatingOperationRangeStdMax	70 °F
HeatingOperationRangeStdMin	-10 °F
RatedCoolingConditionAmbientDB	95 °F
RatedCoolingConditionAmbientWB	75 °F
RatedHeatingConditionAmbientDB	47 °F
RatedHeatingConditionAmbientWB	43 °F

Attribute	Value
MaxOvercurrentProtection	25 A
MinCircuitAmps	22.4 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	17.6 A
CompressorStages	Inverter
CompressorType	Inverter
DimensionsUnitDepth	13.75 in
DimensionsUnitHeight	27.375 in
DimensionsUnitWidth	36-5/8 in
MotorSpeedType	Multi-Speed
SoundPressureHighCooling	68 dBA
WeightUnit	137 lb
CoolingCapacityRated	34200 Btu/H
HeatingCapacityRated	34600 Btu/H
Tonnage	3
FactoryStdRefrigerantCharge	83 oz
MaxPipeLengthTotal	100 ft
MaxPipeLengthVertical	90 ft
PipeSizeGas	7/8 in
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft
RefrigerantType	R-32
ValveSizeSuctionOD	7/8 in
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1
Dimensions - (Case Depth)	16.50 in
Dimensions - (Case Height)	44.00 in
Dimensions - (Case Width)	40.00 in
Dimensions - (Distribution Unit Depth)	17.5 in

Attribute	Value
Dimensions - (Distribution Unit Height)	30 in
Dimensions - (Distribution Unit Width)	39 in
Dimensions - (Pallet Depth)	66.00 in
Dimensions - (Pallet Height)	49.00 in
Dimensions - (Pallet Width)	40.00 in
Dimensions - (Shipping Unit Depth)	16.50 in
Dimensions - (Shipping Unit Height)	44.00 in
Dimensions - (Shipping Unit Width)	40.00 in
Distribution Shipping Volume - (Unit)	20475 in <sup>3</sup>
Shipping Volume - (Unit)	29040.000 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	29040.000 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	20475 in <sup>3</sup>
Weight - (Case)	136.090 lb
Weight - (Distribution Shipping Unit)	136.09 lb
Weight - (Shipping Unit)	136.090 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 COMPRESSORS - 10 YEARS PARTS COMPRESSORS - 10 YEARS PARTS ALL PARTS - 10 YEARS PARTS
Registered Unit Replacement Warranty - Residential	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	Active