

# GZV6SA4210

Generated from workbook row data

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)	663051747159
Item Stocking Unit of Measure (UOM)	EA
Pallet Qty	4
Country of Origin	USA
US HTS Code	8415.90.8070
Canadian HTS Code	8415.90.90.00
Long Description	Goodman GSV6S Split Heat Pump 16.2 SEER2, Inverter, 3.5 Ton, Non-Communicating
ProductDescriptionPIM	16.2 SEER2 HP R32, 3.5 Ton
COP47HSVTC	3.3
EER2HSVTC	9
ENERGYSTARCertified	No
HeatingCapacityNominal	42000 Btu/H
HSPF2HSVTC	8.2
SEER2HSVTC	17
InstallationConfiguration	Side Discharge
Producer	Yes
ProductIDBarcode	GZV6SA4210
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	35 A
MinCircuitAmps	31.8 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	25.4 A
CompressorStages	Inverter
CompressorType	Inverter
DimensionsUnitDepth	12.625 in
DimensionsUnitHeight	39 in
DimensionsUnitWidth	37 in
MotorSpeedType	Multi-Speed
SoundPressureHighCooling	70 dBA
WeightUnit	168 lb
CoolingCapacityRated	41000 Btu/H
HeatingCapacityRated	40000 Btu/H
Tonnage	3.5
FactoryStdRefrigerantCharge	100 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)	16.5 in

Attribute	Value
Dimensions - (Distribution Unit Height)	44 in
Dimensions - (Distribution Unit Width)	40 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)	29040 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)	29040 in <sup>3</sup>
Weight - (Case)	194.090 lb
Weight - (Distribution Shipping Unit)	194.09 lb
Weight - (Shipping Unit)	194.090 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