

# GSZS606010

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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	GSZS6
Series Name	GSZS6
Short Description	Goodman Split Heat Pump 16.2 SEER2, Inverter
Model Efficiency	16.2 SEER2
Family Description	Goodman SD (side discharge) High-Efficiency, Communicating, Variable-Speed, Inverter Driven Split System Heat Pump, Up to 17.5 SEER2 & 8.5 HSPF2
Product Benefits	Meets the 2023 M1 Test Standards
Product Features - (Standard)	Variable-speed swing compressors Quiet digitally commutated fan motor High-density compressor sound blanket Compatible with Goodman Connected Thermostat and other Goodman communicating equipment Proprietary control algorithmic logic In communicating mode, only two low-voltage wires to outdoor unit required Diagnostic indicator lights, seven-segment LED display, and fault code storage Proprietary 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 Quiet-mode - provides enhanced acoustical comfort, up to 3 different sound levels (as low as 45dBA) Sweat connection service valves with easy access to gauge ports AHRI Certified ETL Listed

Attribute	Value
Cabinet Features	<p>Heavy-gauge galvanized steel cabinet with grille-style sound control side design  Custom Ivory white powder-paint finish  High corrosion-resistant (ZAM®), unpainted steel bottom frame and legs  500-hour salt-spray tested  Wire fan discharge grille  Top and side maintenance access  When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)</p>
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)	663051688094
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 GSZS6 Split Heat Pump 16.2 SEER2, Inverter, 5 Ton, Goodman GTST Smart Thermostat
ProductDescriptionPIM	Goodman SD, (side discharge) Inverter ODU HP, 16.2 SEER2, 5.0 ton
COP47HSVTC	2.9
EER2HSVTC	8
ENERGYSTARCertified	No
HeatingCapacityNominal	60000 Btu/H
HSPF2HSVTC	8.1
HSPFDucted	8.1
SEER2HSVTC	16.1
InstallationConfiguration	Side Discharge
Producer	Yes
ProductIDBarcode	GSZS606010
CoolingOperationRangeStdMax	115 °F
CoolingOperationRangeStdMin	0 °F
HeatingOperationRangeStdMax	70 °F

Attribute	Value
HeatingOperationRangeStdMin	-10 °F
RatedCoolingConditionAmbientDB	95 °F
RatedCoolingConditionAmbientWB	75 °F
RatedHeatingConditionAmbientDB	47 °F
RatedHeatingConditionAmbientWB	43 °F
CurrentType	AC
MaxOvercurrentProtection	40 A
MinCircuitAmps	36.2 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	26.9 A
CompressorStages	Inverter
CompressorType	Inverter
DimensionsUnitDepth	12.625 in
DimensionsUnitHeight	39 in
DimensionsUnitWidth	37 in
ExpansionDevice	EEV
MotorSpeedType	Multi-Speed
SoundPressureHighCooling	74 dBA
WeightUnit	179 lb
CoolingCapacityRated	53000 Btu/H
HeatingCapacityRated	54500 Btu/H
Tonnage	5
FactoryStdRefrigerantCharge	127 oz
MaxPipeLengthTotal	100 ft
MaxPipeLengthVertical	90 ft
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft
RefrigerantType	R-410A
ValveSizeSuctionOD	7/8 in
Proposition 65 Label	Yes

Attribute	Value
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
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)	198.000 lb
Weight - (Distribution Shipping Unit)	198 lb
Weight - (Shipping Unit)	198.000 lb
Registered Parts Warranty - Commercial	ALL PARTS - 5 YEARS PARTS
Registered Parts Warranty - Multi-Family	ALL PARTS - 10 YEARS PARTS
Registered Parts Warranty - Residential	COMPRESSORS - 10 YEARS PARTS ALL PARTS - 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

Attribute	Value
Standard Parts Warranty - Residential	ALL PARTS - 5 YEARS PARTS
Ecomm Path Display	Equipment/Residential Split System/Split Heat Pump
Release Status	Active