

GSZS602410

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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</p> <p>Custom Ivory white powder-paint finish</p> <p>High corrosion-resistant (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 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)	663051688049
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, 2 Ton, Goodman GTST Smart Thermostat
ProductDescriptionPIM	Goodman SD, (side discharge) Inverter ODU HP, 16.2 SEER2, 2.0 ton
COP47HSVTC	3.4
EER2HSVTC	10.1
ENERGYSTARCertified	No
HeatingCapacityNominal	24000 Btu/H
HSPF2HSVTC	8.5
HSPFDucted	8.5
SEER2HSVTC	17.3
InstallationConfiguration	Side Discharge
Producer	Yes
ProductIDBarcode	GSZS602410
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	20 A
MinCircuitAmps	18.8 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	13.4 A
CompressorStages	Inverter
CompressorType	Inverter
DimensionsUnitDepth	13.75 in
DimensionsUnitHeight	27.375 in
DimensionsUnitWidth	36-5/8 in
ExpansionDevice	EEV
MotorSpeedType	Multi-Speed
SoundPressureHighCooling	67 dBA
WeightUnit	122 lb
CoolingCapacityRated	22200 Btu/H
HeatingCapacityRated	23200 Btu/H
Tonnage	2
FactoryStdRefrigerantCharge	81 oz
MaxPipeLengthTotal	100 ft
MaxPipeLengthVertical	90 ft
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft
RefrigerantType	R-410A
ValveSizeSuctionOD	3/4 in
Proposition 65 Label	Yes

Attribute	Value
Carton Type	CTN
Case Qty	1
Dimensions - (Case Depth)	17.50 in
Dimensions - (Case Height)	30.00 in
Dimensions - (Case Width)	39.00 in
Dimensions - (Distribution Unit Depth)	17.5 in
Dimensions - (Distribution Unit Height)	30 in
Dimensions - (Distribution Unit Width)	39 in
Dimensions - (Pallet Depth)	35.50 in
Dimensions - (Pallet Height)	64.50 in
Dimensions - (Pallet Width)	39.00 in
Dimensions - (Shipping Unit Depth)	17.50 in
Dimensions - (Shipping Unit Height)	30.00 in
Dimensions - (Shipping Unit Width)	39.00 in
Distribution Shipping Volume - (Unit)	20475 in ³
Shipping Volume - (Unit)	20475.000 in ³
Truck Factor	0
Volume - (Case)	20475.000 in ³
Volume - (Distribution Shipping Unit)	20475 in ³
Weight - (Case)	140.090 lb
Weight - (Distribution Shipping Unit)	140.09 lb
Weight - (Shipping Unit)	140.090 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 ALL PARTS - 10 YEARS PARTS COMPRESSORS - 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