





7.15

# **Products Catalog**



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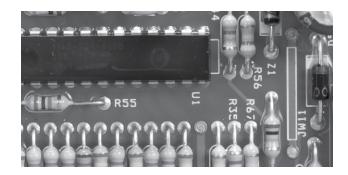
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## The Right Choice

# Goodman® brand — The right choice for millions and millions of people





For over three decades, the Goodman brand has concentrated on something more important than simple brand-recognition consumer advertising. And that's the design, engineering, and manufacture of dependable products that have helped millions and millions of homeowners achieve reliable, high-quality, and affordable indoor comfort. In addition, the Goodman brand has earned the loyalty and respect of thousands of local independent heating and cooling professionals across North America.

We believe that you, a local HVAC (Heating, Ventilation and Air Conditioning) professional, knows best about the specific indoor comfort needs and indoor air quality solutions of your customers. When you recommend a Goodman brand product, rest assured that customer will soon be receiving great indoor comfort, at a refreshingly affordable price.

#### Making the grade

And as further proof that the Goodman brand is making the grade with satisfied homeowners, it was awarded the A+ rating by the Better Business Bureau, is the highest rating possible.



#### Time-tested performance

The efficient movement of heat is a basic premise of the HVAC industry. Whether it's the removal of heat in conjunction with cooling products or the creation of heat for warmth, the HVAC world revolves around the thermodynamics of heat transfer. As you may know, the Goodman brand is recognized as a heat transfer expert. Investing in research and development is integral to the Goodman brand's success.

Goodman products offer a wide array of unique product features and enhancements that reinforce the durability and reliability of the entire Goodman brand product line, such as:

- A unique tubular gas furnace heat exchanger with a design that brings new meaning to durability;
- High-efficiency air conditioners and heat pumps with the Goodman brand's patented SmartCoil<sup>™</sup> condensing coil – our most advanced 5mm copper tube and aluminum fin combination available;
- ComfortNet<sup>™</sup> Communicating Control systems that help high-efficiency systems run their best and offer homeowners new levels of control and operational precision;
- Unique all-aluminum evaporator coils;
- Heat pumps that include more standard features than previous models







#### **Committed to quality**

There's good reason that thousands of the nation's HVAC professionals recommend the Goodman brand. Dealers are completely comfortable that Goodman brand products will keep their customers satisfied and enhance their reputation. Goodman brand manufacturing facilities are ISO 9001-certified, an independent standard accepted worldwide as the benchmark for quality manufacturing and management processes, and ISO 14001-certified, an international environmental certification.

Goodman is focused on a few basic goals: build more reliable, longer-lasting products than anyone else; make durable cooling and heating products and systems as affordable as possible and design everything for quick, trouble-free installations. Those values have led the Goodman brand this far and they will lead it into the future.



## **Efficiency Changes for 2015**

New U.S. Department of Energy (DOE) minimum efficiency standards go into effect on January 1, 2015. We have been preparing for this for some time and the purpose of this flyer is to make sure you are prepared as well. While the change from 13 SEER to 14 SEER may not seem as significant as the change from 10 SEER to 13 SEER back in 2006, this change is different—it's more complicated. The complication is new regional standards that apply to Split System and Packaged Air Conditioners. The new efficiency standards contain both national standards (which are based on date of manufacture) and regional standards (which are based on date of installation):

#### **New National Standards**

- Split system heat pumps Single package (14 SEER /8.2 HSPF)
- Single package heat samua (14 SEER /8.0 HSPF)
- Single package air conditioner (14 SEER)
- (14 SEER / 81% AFUE) Gas-fired furnaces

(80% AFUE)

gas/electric

• Kept 13 SEER base national standard for split system air conditioners

#### Labeling

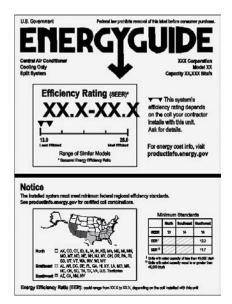
There will be two methods to help identify products subject to regional standards. The first is the Energy Guide label that is noticeably different, with the inclusion of the map of the United States that identifies where the equipment can be installed.

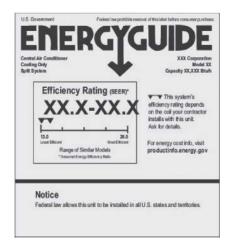
The second is a new, separate statement that will be on the rating plate or on a label next to the rating plate called the "Install Prohibited" statement. All products manufactured on or after 1/1/2015 that are subject to the new regional efficiency standards will have both the new Energy Guide label and the Install Prohibited label, except for ductless products that will initially only have the new Energy Guide label. Ductless products will have the Install Prohibited label added at a later date.

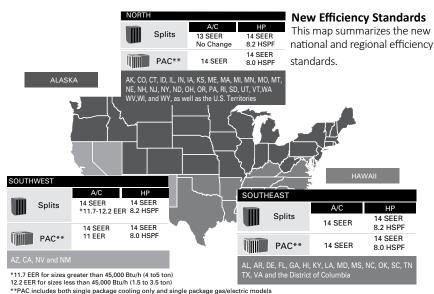
You will also notice a range on the new Energy Guide label for Split Systems. Split System products subject to the new regional efficiency minimum standard of 14 SEER will have a range above 14 SEER and will not have an AHRI match below the 14 SEER minimum.

#### **Energy Guide Labels** Effective January 1, 2015

Subject to regional standards. Can be installed anywhere.







Regional standards apply only to single phase air conditioners, 5 ton and less

#### IMPORTANT NOTE:

The information provided is a summarized overview and is not intended to provide a complete description of the new DOE 2015 Regional Standards. As additional information regarding the new DOE 2015 HVAC Regional Standards and the enforcement of these standards becomes avail-able, we will make that information available at www. goodmanmfg.com/standards.

#### Sell-through grace period

Due to the late introduction of the enforcement mechanisms, the DOE is providing an 18-month sell-through period for products manufactured before 2015. This is summarized in the table below:

Product	Date of	Installation Allowed in Region?					
Type	Manufacture	Northern	Southeast	Southwest			
13 SEER Split AC	Before 1/1/2015	Yes	Until 6/30/2016	Until 6/30/2016			
	On or after 1/1/2015	Yes	NO	NO			
14 SEER Split AC	Before 1/1/2015	Yes	Yes	Until 6/30/2016			
with Standard EER <sup>1</sup>	On or after 1/1/2015	Yes	Yes	NO			
14 SEER Package AC with Standard EER <sup>2</sup>	Before 1/1/2015	Yes	Yes	Until 6/30/2016³			
	On or after 1/1/2015	Yes	Yes	NO			

<sup>&</sup>lt;sup>1</sup> This includes any split system air conditioner having a SEER rating greater than or equal to 14 SEER with an EER less than 12.2 (for capacity <45,000 Btu/h) or less than 11.7 (for capacity ≥45,000 Btu/h).

## What you need to know as a distributor

DOE defines a distributor as "a person (other than a manufacturer or retailer) to whom a consumer product is delivered or sold for purposes of distribution in commerce." Therefore, if you resell products for sale other than to an end user, you may be considered a distributor as opposed to a contractor or dealer (see definitions below).

While the new DOE 2015 HVAC Regional Standards Enforcement rules have not been finalized, distributors will be required to comply withnew requirements, which are expected to include:

- Do not knowingly sell product that will be installed in violation of regional standards.
- 2. Conduct regional standards training for all employees and customers.
- 3. Effective 11/30/2015, maintain records for all units subject to the regional standards for a period of 54 months. These records are to include the outdoor unit manufacturer, model number, serial number, date of purchase, date of sale, customer name and delivery address if delivered.
- 4. Report any known violations to the DOE.

## What you need to know as a contractor/dealer

As a contractor or dealer, you will also be required to adhere to requirements of the new DOE 2015 HVAC Regional Standards Enforcement Rules. We expect that DOE will define a contractor as "a person (other than the manufacturer or distributor) who sells to and/or installs for an end user a central air conditioner subject to regional standards." We also expect that DOE will define a dealer as "a type of contractor, generally with a relationship with one or more specified manufacturers." The contractor/dealer requirements are expected to include the following:

- 1. Do not knowingly install product that is in violation of regional standards.
- 2. Conduct regional standards training for all employees.
- 3. Maintain records for all units subject to the regional standards for a period of 48 months. These records are anticipated to include the indoor and outdoor unit manufacturer and model number, outdoor unit serial number, distributor purchased from, plus date and address of installation.
- 4. Report any known violations to the DOE.

#### Enforcement

Enforcement of the new standards will be at least partially via complaints registered with the DOE. DOE will have an email set up for reporting violations directly to them. In addition, suspected violations can be reported to us by email at compliance@goodmanmfg.com or by phone, toll free, at (844) 717-8521.

Complaints may come from upset homeowners, local inspectors, or contractors. It is also possible for manufacturers to discover installation violations through product registrations, warranty claims and service records. If we are made aware of a violation, we will report it to DOE and notify the appropriate distributor and contractor/dealer.

All verified violations will require remediation and can result in stiff fines. Notices of Violation will be posted publicly by the DOE. Further, if a distributor or contractor/dealer is found to routinely violate the new standards, manufacturers can be prohibited from selling products to that party.

Contractors, dealers and distributors should be aware that the DOE may request copies of documentation proving product sales and installations are in compliance. Records requested by DOE must be provided within 30 days.

#### **Training**

A recorded webinar providing details about the new efficiency standards is available for viewing at www.goodmanmfg.com/standards. Questions about the new efficiency standards can be emailed to RegionalStandardsQuestions@goodmanmfg.com.

<sup>&</sup>lt;sup>2</sup> This includes any single package air conditioner or single package gas/electric model having a SEER rating greater than or equal to 14 SEER with an EER less than 11.00.

<sup>&</sup>lt;sup>3</sup> 13 SEER single package equipment is included in this category.



The ComfortNet<sup>™</sup> Communicating Control System continuously monitors itself and your system. If it senses a problem developing, the control's home screen display will indicate "Call for Service" and CHECK (i.e., Furnace Heat Pump, Air Conditioner, Air Handler) to identify an equipment fault. This alert prompts you to contact a qualified service technician.



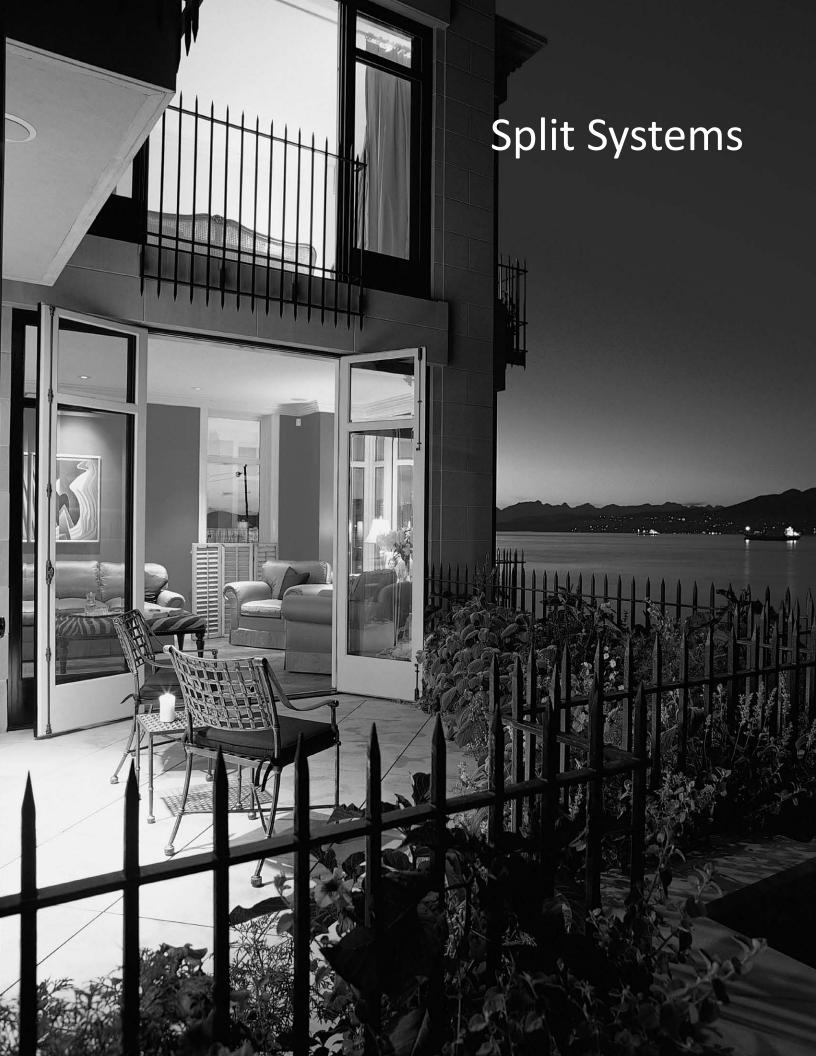
The SmartShift® Heat Pump Defrost Control helps to increase compressor reliability and reduces the noise level during the heat pump system defrost cycle. When outdoor temperatures fall below freezing and the heat pump is forced to initiate a defrost cycle, SmartShift simply turns off the compressor for 30 seconds allowing the system pressure to equalize and then it restarts the compressor. This seamless operation is triggered automatically eliminating unwanted noise caused by heat pump defrost changeover cycles.



At the core of our newly designed Air Handlers is the SmartFrame™ inner skeleton. It adds lateral stability to the chassis, provides a mounting location for all internal components, and provides additional insulation retention. Our unique insulation retention solution eliminates all adhesives from the cabinet insulation, which is secured through mechanical means by the SmartFrame sub-structure and additional retaining rods strategically placed near the blower assembly.



The All Aluminum evaporator coil is constructed from aluminum tubing, fins and panels to give you a single metal solution for outstanding, time-tested heat transfer performance properties. If you're looking for an evaporator coil that offers enhanced performance (as tested in Goodman labs), this is the product for you.



Model	Nominal	VOITAGE-		DIMENSIONS			E VALVE	DBS	SHIP
	Cooling (Tons)	Phase-Hz	W"	D"	Н"	LIQUID	Suction	DBS	WEIGHT (LBS)
DSXC180361A	3	208/230-1	35½	35½	38¼	3/8"	7/8"	71	228
DSXC180481A	4	208/230-1	35½	35½	38¼	3/8"	7/8"	72	280
DSXC180601A	5	208/230-1	35½	35½	38¼	3/8"	7/ <sub>8</sub> "	74	296

- Two-stage scroll compressor
- High-density foam compressor sound blanket
- Expanded CoreSense™ diagnostics built in
- Diagnostic indicator lights and storage of 6 fault codes
- High- and low-pressure switches
- Fully charged for 15' of tubing length
- Factory-installed filter drier
- Coil and ambient temperature sensors
- AHRI Certified; ETL Listed
- Quiet ECM condenser fan motor
- Goodman brand sound control top design
- Wire fan discharge grille and steel louver coil guard
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish and 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)











<sup>\*</sup> Complete warranty details available from your dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Limited Warranty, and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

Mont	Nominal	VOLTAGE-	DIMENSIONS			SERVIC	E VALVE	- Do	SHIP WEIGHT
MODEL	COOLING (TONS)	PHASE-HZ	W"	D"	Н"	Liquid	Suction	DBS	(LBS)
DSXC160241**	2	208/230-1	29	29	38¼	3/8"	3/4"	71	198
DSXC160361**	3	208/230-1	29	29	38¼	3/8"	3/4"	71	202
DSXC160481**	4	208/230-1	35½	35½	38¼	3/8"	<b>7</b> ∕8"	74	241
DSXC160601**	5	208/230-1	35½	35½	38¼	3/8"	%"	75	301



- Two-stage scroll compressor
- High-density foam compressor sound blanket
- Expanded CoreSense™ diagnostics built in
- Diagnostic indicator lights and storage of 6 fault codes
- High- and low-pressure switches
- Fully charged for 15' of tubing length
- Factory-installed filter drier
- Coil and ambient temperature sensors
- AHRI Certified; ETL Listed
- Two-speed quiet ECM condenser fan motor
- Goodman brand sound control top design
- Wire fan discharge grille and steel louver coil guard
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish and 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)









<sup>\*</sup> Complete warranty details available from your dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Limited Warranty, and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

MODEL	NOMINAL	Voltage- Phase	DIMENSIONS			SERVICE VALVE		- 00	SHIP	ENERGY
	COOLING (TONS)		W"	D"	H"	LIQUID	Suction	DBS	WEIGHT (LBS)	STAR RATED
GSX160181F*	1.5	208/230-1	29	29	32¼	3/8"	3/4"	73.5	163	YES
GSX160241F*	2	208/230-1	29	29	32¼	3/8"	3/4"	73.5	160	YES
GSX160301F*	2.5	208/230-1	29	29	32¼	3/8"	7 <sub>8</sub> "	73.5	167	YES
GSX160361F*	3	208/230-1	29	29	36¼	3/8"	7 <sub>8</sub> "	73.5	180	YES
GSX160421F*	3.5	208/230-1	35½	35½	36¼	3/8"	<b>7</b> %"	73	228	YES
GSX160481F*	4	208/230-1	35½	35½	36¼	3/8"	7 <sub>8</sub> "	73	241	YES
GSX160601F*	4.5	208/230-1	35½	35½	38¼	3/8"	7 <sub>8</sub> "	73	301	YES
GSX160611F*	5	208/230-1	35½	35½	38¼	3/8"	7/8"	73	314	NO

#### **Product Features**

- Energy-efficient scroll compressor
- Factory-installed filter drier
- Copper tube/aluminum fin coil
- Service valves with sweat connections and easy-to-access gauge ports
- AHRI Certified; ETL Listed
- Goodman® brand louvered sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)







<sup>\*</sup> Complete warranty details available from you local dealer or at www. goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.



ENERGY STAR® and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency. ENERGY STARproducts are third-party certified by an EPA-recognized Certification Body. Products that earn the ENERGY STAR prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency.

Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet **ENERGY STAR** criteria. Ask you contractor for details or visit www.energystar.gov.

Manu	NOMINAL	VOLTAGE-	DIMENSIONS			SERVIC	E VALVE	DBS	SHIP WEIGHT
MODEL	COOLING (TONS)	PHASE	w"	D"	Н"	Liquid	Suction	DBS	(LBS)
GSX140181/191**	1½	208/230-1	26	26	27½	3/8"	3/4"	71	146
GSX140241/251**	2	208/230-1	26	26	27½	3/8"	3/4"	71	146
GSX140301/311**	2½	208/230-1	29	29	32½	3/8"	3/4"	72	180
GSX140361/371**	3	208/230-1	29	29	32½	3/8"	3/4"	73	180
GSX140421/431**	3½	208/230-1	29	29	36¼	3/8"	7/8"	73	207
GSX140481**	4	208/230-1	35½	35½	36¼	3/8"	7⁄8"	74	242
GSX140601**	5	208/230-1	35½	35½	38¼	3/8"	7∕8"	75	280



- Energy-efficient compressor
- Factory-installed liquid line filter drier
- Copper tube/aluminum fin coil
- Brass liquid and suction line service valves
- AHRI Certified; ETL Listed
- Goodman brand sound control top design
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish and 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)





<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg. com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

Mann	Nominal	VOLTAGE-	DIMENSIONS			SERVICE VALVE		- Do	SHIP
MODEL	COOLING (TONS)	PHASE	w"	D"	Н"	LIQUID	Suction	DBS	WEIGHT (LBS)
GSX130181E*	1½	208/230-1	23	23	25¾	3/8"	3/4"	75	117
GSX130241D*	2	208/230-1	23	23	25¾	3/8"	3/4"	75	128
GSX130241E*	2	208/230-1	23	23	25¾	3/8"	3/4"	75	120
GSX130301B*	2½	208/230-1	26	26	27½	3/8"	3/4"	73	132
GSX130361C*	3	208/230-1	26	26	27½	3/8"	3/4"	74	157
GSX130361E*	3	208/230-1	26	26	27½	3/8"	3/4"	74	135
GSX130421B*	3½	208/230-1	29	29	36¼	3/8"	7∕8"	75	189
GSX130481B*	4	208/230-1	29	29	36¼	3/8"	7∕8"	76	193
GSX130601B*	5	208/230-1	29	29	40	3/8"	7⁄8"	77	202
GSX130611A*	5	208/230-1	35½	35½	38¼	3/8"	7 <sub>8</sub> "	72	233

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations. This product may not be sold in the Southeast, Southwest, or Hawaii as of Jan. 1, 2015.

- Energy-efficient compressor
- Factory-installed liquid line filter drier
- Copper tube/aluminum fin coil
- Brass liquid and suction line service valves
- AHRI Certified; ETL Listed
- Goodman brand sound control top design
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish and 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)







<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com.

To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	CAPACITI	es (Tons)	Voltage-		DIMENSIONS			E VALVE	- 00	SHIP
MODEL	COOLING	HEATING	PHASE	W"	D"	Н"	LIQUID	Suction	DBS	WEIGHT (LBS)
DSZC180361**	3	3	208/230-1	35½	35½	38¼	3/8"	7 <sub>8</sub> "	72	268
DSZC180481**	4	4	208/230-1	35½	35½	38¼	3/8"	11/8"	73	330
DSZC180601**	5	5	208/230-1	35½	35½	38¼	3/8"	11/8"	75	336



- Two-stage scroll compressor
- High-density foam compressor sound blanket
- Expanded CoreSense™ diagnostics built in
- SmartShift® technology with short-cycle protection
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed compressor crankcase heater
- Factory-installed coil and ambient temperature sensors
- Factory-installed suction-line accumulator
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Quiet ECM condenser fan motor
- AHRI Certified; ETL Listed
- Goodman brand sound control top design
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish and 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)









<sup>\*</sup> Complete warranty details available from your dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Limited Warranty, and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

## DSZC16 — Up to 16 SEER/Up to 9.5 HSPF

Monte	CAPACITIES (TONS)		VOLTAGE-		VOLTAGE-		DIMENSIONS			E VALVE	- 00	SHIP
MODEL	COOLING	HEATING	PHASE	W"	D"	Н"	LIQUID	Suction	DBS	WEIGHT (LBS)		
DSZC160241**	2	2	208/230-1	29	29	38¼	3/8"	3/4"	72	208		
DSZC160361**	3	3	208/230-1	35½	35½	38¼	3/8"	7 <sub>8</sub> "	73	255		
DSZC160481**	4	4	208/230-1	35½	35½	38¼	3/8"	7 <sub>8</sub> "	74	327		
DSZC160601**	5	5	208/230-1	35½	35½	38¼	3/8"	7/8"	75	331		

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Two-stage scroll compressor
- High-density foam compressor sound blanket
- Expanded CoreSense™ diagnostics built in
- SmartShift® technology with short-cycle protection
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed compressor crankcase heater
- Factory-installed coil and ambient temperature sensors
- Factory-installed suction-line accumulator
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Two-speed quiet ECM condenser fan motor
- AHRI Certified; ETL Listed
- Goodman brand sound control top design
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish and 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)











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Mann	CAPACITI	CAPACITIES (TONS)		CAPACITIES (TONS) VOLTAGE-			DIMENSIONS			E VALVE	- Do	SHIP
MODEL	Cooling	HEATING	PHASE	W"	D"	Н"	LIQUID	Suction	DBS	WEIGHT (LBS)		
SSZ160241**	2	2	208/230-1	29	29	38¼	3/8"	3/4"	70	208		
SSZ160361**	3	3	208/230-1	35½	35½	38¼	3/8"	7 <sub>8</sub> "	71	255		
SSZ160481**	4	4	208/230-1	35½	35½	38¼	3/8"	7 <sub>8</sub> "	72	327		
SSZ160601**	5	5	208/230-1	35½	35½	38¼	3/8"	7 <sub>8</sub> "	72	331		



- High-efficiency scroll compressor
- High-density foam compressor sound blanket
- Expanded CoreSense™ diagnostics built in
- SmartShift® technology with short-cycle protection
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed compressor crankcase heater
- Factory-installed coil and ambient temperature sensors
- Factory-installed suction-line accumulator
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- AHRI Certified; ETL Listed
- Goodman brand sound control top design
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish and 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)







<sup>\*</sup>Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

84000	CAPACITI	es (Tons)	VOLTAGE-		DIMENSIONS	5	SERVIC	E VALVE	-0-	SHIP
MODEL	COOLING	HEATING	PHASE	W"	D"	Н"	LIQUID	SUCTION	DBS	WEIGHT (LBS)
SSZ140181**	1½	1½	208/230-1	29	29	34¼	3/8"	3/4"	70	191
SSZ140241**	2	2	208/230-1	29	29	38¼	3/8"	3/4"	72	201
SSZ140301**	2½	2½	208/230-1	29	29	38¼	3/8"	3/4"	72	203
SSZ140361**	3	3	208/230-1	29	29	38¼	3/8"	3/4"	74	210
SSZ140381**	3	3	208/230-0	35½	35½	38¼	3/8"	7⁄8"	74	275
SSZ140421**	3½	3½	208/230-1	35½	35½	38¼	3/8"	7⁄8"	73	268
SSZ140481**	4	4	208/230-1	35½	35½	34¼	3/8"	7⁄8"	74	300
SSZ140601**	5	5	208/230-1	35½	35½	38¼	3/8"	½"	75	314

- High-efficiency scroll compressor
- High-density foam compressor sound blanket
- Expanded CoreSense™ diagnostics built in
- SmartShift® technology with short-cycle protection
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed compressor crankcase heater
- Factory-installed coil and ambient temperature sensors
- Factory-installed suction-line accumulator
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- AHRI Certified; ETL Listed
- Goodman brand sound control top design
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish and 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)











<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	CAPACITI	CAPACITIES (TONS)			DIMENSIONS	5	SERVIC	E VALVE	- 0-	SHIP
MODEL	COOLING	HEATING	PHASE	W"	D"	Н"	LIQUID	Suction	DBS	WEIGHT (LBS)
GSZ140181**	1½	1½	208/230-1	29	29	37	3/8"	3/4"	72	195
GSZ140241**	2	2	208/230- 1	29	29	37	3/8"	3/4"	72	198
GSZ140301**	2½	2½	208/230-1	29	29	38	3/8"	3/4"	74	205
GSZ140361**	3	3	208/230- 1	29	29	38	3/8"	3/4"	74	208
GSZ140421**	3½	3½	208/230-1	35	35	43	3/8"	7/8"	75	260
GSZ140481**	4	4	208/230-1	29	29	38	3/8"	3/4"	75	250
GSZ140491**	4	4	208/230-1	35	35	38	3/8"	7/8"	76	295
GSZ140601**	5	5	208/230-1	35	35	41	3/8"	7/8"	76	300



- Energy-efficient compressor
- SmartShift® technology to ensure quiet reliable defrost
- Factory-installed bi-flow liquid-line-filter drier
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Copper tube/ enhanced aluminum fin coil
- Special-order long line set high-rise models available; see website for details.
- AHRI Certified; ETL Listed
- Goodman brand sound control top design
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish and 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)







<sup>\*</sup>Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.





## Modulating, Variable-Speed ECM Gas Furnace

Morri	HIGH-FIRE HEATING <sup>1</sup>		LOW-FIRE HEATING <sup>1</sup>		AFUE	Tons			SHIP	
MODEL	INPUT	Оυтрит	INPUT	Оитрит	%	A/C²	W"	D″	H″	WEIGHT (LBS)
GMVM970603BNA	60,000	58,200	30,000	29,100	98	3	17½	28%	34½	118
GMVM970803BNA	80,000	77,600	40,000	38,800	97	3	17½	28%	34½	121
GMVM970804CNA	80,000	77,600	40,000	38,800	98	4	21"	28%	34½	142
GMVM971005CNA	100,000	97,000	50,000	48,500	97	5	21"	28%	34½	144
GMVM971205DNA	120,000	116,400	60,000	58,200	97	5	24½	28%	34½	157

 $<sup>^{1}</sup>$  BTU/h  $^{2}$  Max tons @ 0.5″ ESP

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

#### **Product Features**

- Multi-position installation: upflow, horizontal left or right
- Heavy-duty aluminized-steel tubular heat exchanger
- Stainless-steel secondary heat exchanger
- ComfortNet Communicating System Compatible
- Uses ComfortNet<sup>™</sup> communicating, two-stage or single-stage controls
- Self-calibrating modulating gas valve auto-configures for each installation
- Durable Silicon Nitride igniter
- Self-diagnostic control board with constant memory fault code history output to a dual 7-segment display
- Color-coded low-voltage terminals with provisions for electronic air cleaner and humidifier
- Quiet variable-speed induced draft blower

- Efficient and quiet variable-speed airflow system gently ramps up or down according to heating or cooling demand
- Multiple continuous fan speed options offer quiet air circulation
- All models comply with California 40 ng/J Low NOx emissions standards
- Auto-Comfort and enhanced dehumidification modes available
- Easy-to-install top venting with optional side venting
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage  $(Q_{Leak}) \le 2\%$
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Fully insulated heat exchanger and blower section





**ENERGY STAR®** and the **ENERGY STAR** mark are registered trademarks owned by the U.S. Environmental Protection Agency. **ENERGY STAR** products are third-party certified by an EPA-recognized Certification Body. Products that earn the **ENERGY STAR** prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency.



California or Quebec.



registration must be completed within 60 days of installation. Online registration is not required in







### Modulating, Variable-Speed ECM Gas Furnace

Mana	HIGH-FIRE	HIGH-FIRE HEATING <sup>1</sup>		LOW-FIRE HEATING <sup>1</sup>		Tons		SHIP		
Model	INPUT	Оυтрит	INPUT	Оитрит	%	A/C²	W″	D″	Н″	WEIGHT (LBS)
GCVM970603BNA	60,000	58,200	30,000	29,100	97	3	17½	28%	34½	117
GCVM970803BNA	80,000	77,600	40,000	38,800	97	3	17½	28%	34½	122
GCVM970804CNA	80,000	77,600	40,000	38,800	97	4	21"	28%	34½	144
GCVM971005CNA	100,000	97,000	50,000	48,500	97	5	21"	281/8	34½	146

<sup>&</sup>lt;sup>1</sup> BTU/h <sup>2</sup> Max tons @ 0.5" ESP

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Multi-position installation: downflow, horizontal left or right
- Heavy-duty aluminized-steel tubular heat exchanger
- Stainless-steel secondary heat exchanger
- ComfortNet Communicating System Compatible
- Uses ComfortNet<sup>™</sup> communicating, two-stage or single-stage controls
- Self-calibrating modulating gas valve auto-configures for each installation
- Durable Silicon Nitride igniter
- Self-diagnostic control board with constant memory fault code history output to a dual 7-segment display
- Color-coded low-voltage terminals with provisions for electronic air cleaner and humidifier
- Quiet variable-speed induced draft blower

- Efficient and quiet variable-speed airflow system gently ramps up or down according to heating or cooling demand
- Multiple continuous fan speed options offer quiet air circulation
- All models comply with California 40 ng/J Low NOx emissions standards
- Auto-Comfort and enhanced dehumidification modes available
- Easy-to-install top venting with optional side venting
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage (Q<sub>Leak</sub>) ≤ 2%
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Fully insulated heat exchanger and blower section











<sup>\*</sup> Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Heat Exchanger Limited Warranty, and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

### Two-Stage, Variable-Speed ECM Gas Furnace

Mann	HIGH-FIRE HEATING <sup>1</sup>		LOW-FIRE HEATING <sup>1</sup>		AFUE	Tons		SHIP		
Model	INPUT	Оитрит	INPUT	Оитрит	%	A/C²	W″	D″	H″	WEIGHT (LBS)
GCVC960403BNA	40,000	38,400	28,000	26,880	96	3	17½	28%	34½	116
GCVC960603BNA	60,000	57,600	42,000	40,320	96	3	17½	28%	34½	119
GCVC960804CNA	80,000	76,800	56,000	53,760	96	4	21"	28%	34½	143
GCVC961005CNA	100,000	96,000	70,000	67,200	96	5	21"	28%	34½	145
GCVC961205DNA	120,000	115,200	84,000	80,640	96	5	24½	28%	34½	158

<sup>&</sup>lt;sup>1</sup> BTU/h <sup>2</sup> Max tons @ 0.5" ESP

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

#### **Product Features**

- Multi-position installation: upflow, downflow, horizontal left or right
- Heavy-duty aluminized-steel tubular heat exchanger
- Stainless-steel secondary heat exchanger
- Two-stage gas valve provides quiet, economical heating
- Durable Silicon Nitride igniter
- Quiet two-speed induced draft blower
- Uses ComfortNet™ communicating, two-stage or single-stage controls
- Self-diagnostic control board with constant memory fault code history output to a dual 7-segment display
- Color-coded low-voltage terminals with provisions for electronic air cleaner and humidifier

- Multiple continuous fan speed options offer quiet air circulation
- Efficient and quiet variable-speed airflow system gently ramps up or down according to heating or cooling demand
- Auto-Comfort and enhanced dehumidification modes available
- All models comply with California 40 ng/J Low NOx emissions standards
- Easy-to-install top venting with optional side venting
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage (Q<sub>Leak</sub>) ≤ 2%
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Fully insulated heat exchanger and blower section



**ENERGY STAR®** and the **ENERGY STAR** mark are registered trademarks owned by the U.S. Environmental Protection Agency. **ENERGY STAR** products are third-party certified by an EPA-recognized Certification Body. Products that earn the **ENERGY STAR** prevent greenhouse gas emissions by meeting strict energy efficiency guidelines set by the U.S. Environmental Protection Agency.







<sup>\*</sup> Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Heat Exchanger Limited Warranty, and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.



### Two-Stage, Multi-Speed ECM Gas Furnace

Mana	HIGH-FIRE	HIGH-FIRE HEATING <sup>1</sup>		LOW-FIRE HEATING <sup>1</sup>		Tons		SHIP		
MODEL	INPUT	Оυтрит	INPUT	Оитрит	%	A/C²	W″	D″	Н″	WEIGHT (LBS)
GMEC960302BNA	30,000	28,800	21,000	20,160	96	2	17½	28%	34½	111
GMEC960402BNA	40,000	38,400	28,000	26,880	96	3	17½	28%	34½	112
GMEC960603BNA	60,000	57,600	42,000	40,320	96	3	17½	28%	34½	115
GMEC960803BNA	80,000	76,800	56,000	53,760	96	3	17½	28%	34½	118
GMEC961004CNA	100,000	96,000	70,000	67,200	96	4	21"	28%	34½	140
GMEC961205DNA	120,000	115,200	84,000	80,640	96	5	24½	28%	34½	154

<sup>&</sup>lt;sup>1</sup> BTU/h <sup>2</sup> Max tons @ 0.5" ESP

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

#### **Product Features**

- Energy-efficient, multi-speed ECM blower motor
- Heavy-duty aluminized-steel tubular heat exchanger
- Stainless-steel secondary heat exchanger
- Two-stage gas valve provides quiet, economical heating
- Durable Silicon Nitride igniter
- Quiet two-speed induced draft blower
- Self-diagnostic control board with constant memory fault code history output to a dual 7-segment display
- Color-coded low-voltage terminals with provisions for electronic air cleaner and humidifier

- Low continuous fan speed options offer quiet air circulation
- All models comply with California 40 ng/J Low NOx emissions standards
- Multi-position installation: upflow, horizontal left or right
- Easy-to-install top venting with optional side venting
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage (Q<sub>Leak</sub>) ≤ 2%
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Fully insulated heat exchanger and blower section





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<sup>\*</sup>Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Heat Exchanger Limited Warranty, and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

## Single-Stage, Multi-Speed Gas Furnace

Moore	HEATING (	CAPACITY 1	AFUE	Tons			SHIP	
MODEL	INPUT	Оитрит	%	A/C²	W″	D″	H″	WEIGHT (LBS)
GMSS960402BNA	40,000	38,400	96	2	17½	28%	34½	111
GMSS960603BNA	60,000	57,600	96	3	17½	28%	34½	114
GMSS960803BNA	80,000	76,800	96	3	17½	28%	34½	116
GMSS960804CNA	80,000	76,800	96	4	21"	28%	34½	139
GMSS960805CNA	80,000	76,800	96	5	21"	28%	34½	140
GMSS961005CNA	100,000	96,000	96	5	21"	28%	34½	142
GMSS961205DNA	120,000	115,200	96	5	24½	28%	34½	154
GCSS960402BNA	40,000	38,400	96	2	17½	28%	34½	111
GCSS960603BNA	60,000	57,600	96	3	17½	28%	34½	114
GCSS960804CNA	80,000	76,800	96	4	21"	28%	34½	139
GCSS961005CNA	100,000	95,000	95	5	21"	28%	34½	142
GCSS961205DNA	120,000	114,000	95	5	24½	28%	34½	154

<sup>&</sup>lt;sup>1</sup> BTU/h <sup>2</sup> Max tons @ 0.5" ESP

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Heavy-duty aluminized-steel tubular heat exchanger
- Stainless-steel secondary heat exchanger
- Single-stage gas valve
- Durable Silicon Nitride igniter
- Quiet single-speed induced draft blower
- Low-voltage terminals with provisions for electronic air cleaner and humidifier
- All models comply with California 40 ng/J Low NOx emissions standards

- Multi-position installation: upflow, downflow, horizontal left or right
- Easy-to-install top venting with optional side venting
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage (Q<sub>Leak</sub>) ≤ 2%
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Fully insulated heat exchanger and blower section







<sup>\*</sup>Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Heat Exchanger Limited Warranty, and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.



## Single-Stage Multi-Speed Gas Furnace

Marri	HEATING (	CAPACITY 1	AFUE	Tons		DIMENSIONS	5	SHIP WEIGHT	
MODEL	INPUT	Оитрит	%	A/C²	W″	D″	H″	(LBS)	
GMSS920402BNA	40,000	36,800	92	3	17½	28%	34½	109	
GMSS920603BNA	60,000	55,200	92	3	17½	28%	34½	112	
GMSS920803BNA	80,000	73,600	92	3	17½	28%	34½	115	
GMSS920804CNA	80,000	73,600	92	5	21"	28%	34½	137	
GMSS920805CNA	80,000	73,600	92	5	21"	28%	34½	138	
GMSS921004CNA	100,000	92,000	92	5	21"	28%	34½	139	
GMSS921005CNA	100,000	92,000	92	5	21"	28%	34½	140	
GMSS921205DNA	120,000	110,520	92	5	24½	28%	34½	152	
GCSS920402BNA	40,000	36,840	92	3	17½	28%	34½	109	
GCSS920603BNA	60,000	55,260	92	3	17½	28%	34½	112	
GCSS920804CNA	80,000	73,680	92	4	21	28%	34½	137	
GCSS921005CNA	100,000	92,100	92	4	21	28%	34½	140	

<sup>&</sup>lt;sup>1</sup> BTU/h <sup>2</sup> Max tons @ 0.5" ESP

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Heavy-duty aluminized-steel tubular heat exchanger
- Stainless-steel secondary heat exchanger
- Single-stage gas valve
- Durable Silicon Nitrite igniter
- Quiet, single-speed draft induced
- Self-diagnostic control board
- Color-coded low-voltage terminals
- Multi-speed blower motor
- All models comply with California 40 ng/J Low NOx emissions standards

- Multi-position installation: upflow, downflow, horizontal left or right
- Certified for direct vent (2-pipe) or non-direct venting
- Easy-to-install top venting with optional side venting
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage (Q<sub>Leak</sub>) ≤ 2%
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Foil-faced insulated heat exchanger







<sup>\*</sup> Complete warranty details available from your local dealer or at www. goodmanmfg.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

### Two-Stage, Variable-Speed Gas Furnace

Model	HIGH-FIRE HEATING <sup>1</sup>		LOW-FIRE HEATING <sup>1</sup>		AFUE	Tons		IS	SHIP	
MODEL	INPUT	Оитрит	INPUT	Оитрит	%	A/C²	W"	D″	H″	WEIGHT (LBS)
GMVC80604B*B*	60,000	48,000	42,000	33,600	80	1½ to 4	17½	28¾	33%	152
GMVC80805C*B*	80,000	64,000	56,000	44,800	80	2 to 5	21	28¾	33%	178
GMVC81005C*B*	100,000	80,000	70,000	56,000	80	2 to 5	21	28¾	33%	194

<sup>&</sup>lt;sup>1</sup> BTU/h <sup>2</sup> Max tons @ 0.5″ ESP

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Multi-position installation: upflow, horizontal left or right
- Heavy-duty aluminized-steel dualdiameter, tubular heat exchanger
- Two-stage gas valve provides quiet, economical heating
- Durable Silicon Nitride igniter
- Quiet two-speed induced draft blower
- Uses ComfortNet™ communicating, two-stage or single-stage thermostats
- Self-diagnostic control board with constant memory fault code history output to a dual 7-segment display
- Efficient and quiet variable-speed airflow system gently ramps up or down according to heating or cooling demand

- Color-coded low-voltage terminals with provisions for electronic air cleaner and humidifier
- Multiple continuous fan speed options offer quiet air circulation
- Auto-Comfort and enhanced dehumidification modes available
- California 40 ng/J Low NOx emissions standards models available
- Convenient left or right connection for gas and electrical service
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Cabinet air leakage (QLeak) ≤ 2%
- Fully insulated heat exchanger and blower section













## Two-Stage Convertible, Multi-Speed ECM Gas Furnace

MODEL	HEATING CAPACITY 1		AFUE	Tons		SHIP		
	INPUT	Оитрит	%	A/C <sup>2</sup>	W″	D″	H″	WEIGHT (LBS)
GME80603B*B*	60,000	48,000	80	3	17½	28¾	33%	98
GME80805C*B*	80,000	64,000	80	5	21	28¾	33%	116
GME80805D*A*	80,000	64,000	80	5	24½	28¾	33%	123
GME81005C*B*	100,000	80,000	80	5	21	28¾	33%	120

 $<sup>^{1}\,</sup>BTU/h$   $^{2}\,Max$  tons @ 0.5  $''\,ESP$ 

Goodman Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Multi-position installation: upflow, horizontal left or right
- Energy-efficient multispeed ECM blower motor
- Heavy-duty aluminized steel dualdiameter, tubular heat exchanger
- Two-stage convertible gas valve allows installer to turn on two-stage operation with the flip of a dipswitch
- Durable Silicon Nitride igniter
- Quiet single-speed draft inducer
- Self-diagnostic control board with constant memory fault code

- Color-coded low-voltage terminals with provisions for electronic air cleaner and humidifier
- Low continuous fan speed options offer quiet air circulation
- California 40 ng/J Low NOx emissions standards models available
- Convenient left or right connection for gas and electrical service
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Cabinet air leakage (Q<sub>Leak</sub>) ≤ 2%
- Fully insulated heat exchanger and blower section









<sup>\*</sup> Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Heat Exchanger Limited Warranty, and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

## Two-Stage Convertible, Multi-Speed Gas Furnace

MODEL	HEATING CAPACITY 1		AFUE	Tons		SHIP		
	INPUT	Оитрит	%	A/C²	W″	D″	Н″	WEIGHT (LBS)
GMH80403A*B*	40,000	32,000	80	3	14	28¾	33%	86
GMH80603A*B*	60,000	48,000	80	3	14	28¾	33%	90
GMH80604B*B*	60,000	48,000	80	4	17½	28¾	33%	98
GMH80803B*B*	80,000	64,000	80	3	17½	28¾	33%	106
GMH80804B*B*	80,000	64,000	80	4	17½	28¾	33%	107
GMH80805C*B*	80,000	64,000	80	5	21	28¾	33%	114
GMH81005C*B*	100,000	80,000	80	5	21	28¾	33%	118
GMH81205D*B*	120,000	96,000	80	5	24½	28¾	33%	132
GMH81405D*C*	140,000	112,000	80	5	24½	28¾	33%	132
GDH80403A*B*	40,000	32,000	80	3	14	28¾	33%	88
GDH80603A*B*	60,000	48,000	80	3	14	28¾	33%	92
GDH80804B*B*	80,000	64,000	80	4	17½	28¾	33%	106
GDH81005C*B*	100,000	80,000	80	5	21	28¾	33%	114

<sup>&</sup>lt;sup>1</sup> BTU/h <sup>2</sup> Max tons @ 0.5" ESP

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Installation position:
   GMH8: upflow, horizontal
   left or right
   GDH8: dedicated downflow
- Heavy-duty aluminized-steel dualdiameter, tubular heat exchanger
- Two-stage convertible gas valve allows installer to turn on two-stage operation with the flip of a dipswitch
- Durable Silicon Nitride igniter
- Quiet single-speed draft inducer
- Color-coded low-voltage terminals with provisions for electronic air cleaner and humidifier

- Multi-speed blower motor
- Self-diagnostic control board with constant memory fault code
- Low continuous fan speed options offer quiet air circulation
- California 40 ng/J Low NOx emissions standards models available
- Convenient left or right connection for gas and electrical service
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Cabinet air leakage (Q<sub>Leak</sub>) ≤ 2%
- Fully insulated heat exchanger and blower section







<sup>\*</sup> Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home), 10-Year Unit Replacement Heat Exchanger Limited Warranty, and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.



## Single-Stage, Multi-Speed Gas Furnace

MODEL	HEATING (	AFUE	Tons		SHIP			
	INPUT	Оитрит	%	A/C²	W″	D″	H″	WEIGHT (LBS)
GMS80403A*B*	40,000	32,000	80	3	14	28¾	33%	84
GMS80603A*B*	60,000	48,000	80	3	14	28¾	33%	88
GMS80604B*B*	60,000	48,000	80	4	17½	28¾	33%	98
GMS80804B*B*	80,000	64,000	80	4	17½	28¾	33%	106
GMS80805C*B*	80,000	64,000	80	5	21	28¾	33%	114
GMS81005C*B*	100,000	80,000	80	5	21	28¾	33%	118
GMS81205D*B*	120,000	96,000	80	5	24½	28¾	33%	130
GMS81405D*C*	140,000	112,000	80	5	24½	28¾	33%	130
GHS80403A*B*	40,000	32,000	80	3	14	28¾	33%	90
GHS80604B*B*	60,000	48,000	80	4	17½	28¾	33%	102
GHS80805C*B*	80,000	64,000	80	5	21½	28¾	33%	117
GDS80403A*B*	40,000	32,000	80	3	14	28¾	33%	88
GDS80603A*B*	60,000	48,000	80	3	14	28¾	33%	92
GDS80804B*B*	80,000	64,000	80	4	17½	28¾	33%	105
GDS81005C*B*	100,000	80,000	80	5	21	28¾	33%	113

<sup>&</sup>lt;sup>1</sup> BTU/h <sup>2</sup> Max tons @ 0.5″ ESP

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Multi-position installation: GMS8/GHS8-upflow, horizontal left or right **GDS8- Dedicated downflow**
- Heavy-duty aluminized-steel, dualdiameter tubular heat exchanger
- Single-stage gas valve
- Durable Hot-surface igniter
- Quiet, single-speed draft induced
- Self-diagnostic control board
- Color-coded low-voltage terminals

- Multi-speed blower motor
- GHS8: High-static airflow capability
- California 40 ng/J Low NOx emissions standards models available
- Convenient left or right connection for gas and electrical service
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Cabinet air leakage (Q<sub>Leak</sub>) ≤ 2%
- Foil-faced insulated heat exchanger compartment







<sup>\*</sup> Complete warranty details available from your local dealer or at www. goodmanmfg.com. To receive the Lifetime Heat Exchanger Limited Warranty (good for as long as you own your home) and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.





## GPC15H Air Conditioner — Up to 15 SEER

MODEL	COOLING CAPACITIES		ELECTRIC	SEER /	VOLTAGE-		DIMENSIONS	- 20-	SHIP	
	Tons	CFM	HEAT (KW)	EER	PHASE	W"	D"	Н"	DBS	WEIGHT (LBS)
GPC1524H41A*	2	875	5, 8, 10	15.0 / 12.0	208/230-1	66	34	30½	76	305
GPC1530H41A*	2½	1,050	5, 8, 10,15	15.0 / 12.0	208/230-1	66	34	30½	76	310
GPC1536H41A*	3	1,200	5, 8, 10,15	15.0 / 12.0	208/230-1	66	34	30½	78	320
GPC1542H41A*	3½	1,300	5, 8, 10,15, 20	15.0 / 12.0	208/230-1	66	34	30½	78	355
GPC1548H41A*	4	1,600	5, 8, 10,15, 20	15.0 / 12.0	208/230-1	66	34	35½	80	370
GPC1560H41A*	5	1,600	5, 8, 10,15, 20	15.0 / 12.0	208/230-1	66	34	35½	80	375

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Energy-efficient compressor with internal relief valve
- Multi-speed ECM indoor blower motor
- Quiet horizontal discharge
- All-aluminum evaporator coil
- Copper tube / aluminum fin condenser coil
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged system
- 5 kW to 20 kW electric heat kit available as a field-installed option
- AHRI Certified; ETL listed
- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Fully insulated blower compartment has convenient access panels
- Louvered condenser coil protection
- One footprint; three heights









Complete warranty details available from you local dealer or at www. goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

Model	COOLING CAPACITIES		ELECTRIC	SEER /	VOLTAGE-		DIMENSIONS	- 0-	SHIP	
	Tons	CFM	HEAT (KW)	EER	PHASE	W"	D"	Н"	DBS	WEIGHT (LBS)
GPC1424M41A*	2	800	5, 7, 10	14 / 11	208/230-1	47	51	34¾	78.0	319
GPC1430M41A*	2.5	1,000	5, 7, 10,15	14/11	208/230-1	47	51	34¾	78.0	342
GPC1436M41A*	3	1,200	5, 7, 10,15	14 / 11	208/230-1	47	51	34¾	80.1	365
GPC1442M41A*	3.5	1,325	5, 7, 10,15	14 / 11	208/230-1	47	51	34¾	78.0	388
GPC1448M41A*	4	1,600	5, 7, 10,15, 19	14 / 11	208/230-1	47	51	42¾	81.7	435
GPC1460M41A*	5	1,700	5, 7, 10,15, 19	14/11	208/230-1	47	51	42¾	80.2	458



- Energy-efficient compressor
- All-aluminum evaporator coil
- EEM blower motor
- Fully charged system
- Convertible airflow: horizontal or downflow
- Copper tube/aluminum fin coils
- Louvered condenser coil protection
- Totally enclosed, permanently lubricated condenser fan motor
- Electric heat kits available as field-installed options
- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)







<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg. com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

## GPC14H Air Conditioner — Up to 14.2 SEER

MODEL	COOLING CAPACITIES		SEER/	ELECTRIC	VOLTAGE-		IMENSION	- 0-	SHIP	
	Tons	CFM	EER	HEAT (KW)	PHASE	W"	D"	Н"	DBS	WEIGHT (LBS)
GPC1424H41C*/D*	2	875	14.0 / 12.0	5, 8, 10	208/230-1	66	33	30½	76	305
GPC1424H41E*	2	875	14.0 / 12.0	5, 8, 10	208/230-1	66	33	30½	76	300
GPC1430H41C*/D*	2½	1,050	14.0 / 12.0	5, 8, 10,15	208/230-1	66	33	30½	76	310
GPC1430H41E*	2½	1,050	14.0 / 12.0	5, 8, 10,15	208/230-1	66	33	30½	76	305
GPC1436H41C*/D*	3	1,200	14.0 / 12.0	5, 8, 10,15,20	208/230-1	66	33	30½	78	315
GPC1442H41C*/D*	3½	1,200	14.0 / 12.0	5, 8, 10,15, 20	208/230-1	66	33	30½	78	360
GPC1442H41E*	3½	1,300	14.0 / 12.0	5, 8, 10,15, 20	208/230-1	66	33	30½	78	350
GPC1448H41C*/D*	4	1,600	14.0 / 12.0	5, 8, 10,15, 20	208/230-1	66	33	38½	80	370
GPC1448H41E*	4	1,600	14.0 / 12.0	5, 8, 10,15, 20	208/230-1	66	33	35½	80	365
GPC1460H41C*/D*	5	1,600	14.0 / 12.0	5, 8, 10,15, 20	208/230-1	66	33	38½	80	375
GPC1460H41E*	5	1,600	14.0 / 11.5	5, 8, 10,15, 20	208/230-1	66	33	35½	80	370

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- High-efficiency compressor
- All-Aluminum evaporator coil
- Fully charged system
- EEM blower motor
- Quiet horizontal discharge
- Copper tube/aluminum fin coil
- Totally enclosed, permanently lubricated condenser fan motor
- Electric heat kits available as field-installed options
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection









Complete warranty details available from you local dealer or at www. goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

# GPH16H Heat Pump — Up to 16 SEER/ 8.0 HSPF

Manni	Non	IINAL CAPACIT	TIES		VOLTAGE-	VOLTAGE- DIMENSIONS				SHIP WEIGHT	
MODEL	COOLING 1	HEATING <sup>2</sup>	CFM	HEAT (KW)	EER PHASE	PHASE	W"	D"	Н"	DBS	(LBS)
GPH1624H41**	2	22,800	875	5, 8, 10	16.0 / 13.0	208/230-1	66	34	30	76	325
GPH1630H41**	2½	27,600	1,050	5, 8, 10,15	16.0 / 12.5	208/230-1	66	34	30	76	325
GPH1636H41**	3	32,200	1,200	5, 8, 10,15	16.0 / 13.0	208/230-1	66	34	35	78	385
GPH1642H41**	3½	37,600	1,300	5, 8, 10,15, 20	16.0 / 12.0	208/230-1	66	34	35	78	385
GPH1648H41**	4	44,000	1,600	5, 8, 10,15, 20	16.0 / 12.0	208/230-1	66	34	35	80	410

<sup>&</sup>lt;sup>1</sup> Tons <sup>2</sup> CFM <sup>3</sup> BTU/h

Goodman Manufacturing Company, L.P., reserves the right to discontinue or change at any time specirications or designs without notice or without incurring obligations.



### **Product Features**

- Energy-efficient compressor
- Multi-speed ECM blower motor
- All-aluminum evaporator coil
- Copper tube/aluminum fin coil
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged system
- Quiet horizontal discharge
- Electric heat kit available as a field-installed option
- AHRI Certified; ETL Listed
- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Fully insulated blower compartment with convenient access panels
- Louvered condenser coil protection
- One footprint; three heights







\* Complete warranty details available from you local dealer or at www. goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

# GPH15M Heat Pump — Up to 15 SEER/Up to 8.0 HSPF

Man	Non	IINAL CAPACIT	TIES	ELECTRIC	SEER /	VOLTAGE-	D	IMENSION	NS	DBS	SHIP
MODEL	COOLING 1	HEATING <sup>2</sup>	CFM	HEAT (KW)	EER	PHASE	W"	D"	Н"	DBS	WEIGHT (LBS)
GPH1524M41**	2	23,400	860	5,7,10	15.0/ 12.0	208/230-1	47	51	34¾	76	366
GPH1530M41**	2½	27,400	1,000	5,7,10,15	14.5/ 11.5	208/230-1	47	51	34¾	76	375
GPH1536M41**	3	35,400	1,200	5,7,10,15	14.5/12	208/230-1	47	51	34¾	76	428
GPH1543M41**	3½	39,000	1,300	5,7,10,15	15.0/ 12.0	208/230-1	47	51	421/4	78	472
GPH1549M41**	4	45,500	1,600	5,7,10,15,19	15.0/ 11.7	208/230-1	47	51	421/4	78	470
GPH1560M41**	5	56,000	1,950	5,7,10,15,19	14.0/ 10.2	208/230-1	47	51	421/4	78	483

<sup>&</sup>lt;sup>1</sup> Tons <sup>2</sup> BTU/h

Goodman Manufacturing Company, L.P. reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

### **Product Features**

- High-efficiency compressor
- All-aluminum evaporator coil
- Fully-charged R-410A refrigerant system
- EEM blower motor
- Liquid-line filter drier
- Two-stage heating & cooling on 4- & 5-ton units
- Convertible airflow: horizontal or downflow
- Copper tube/aluminum fin coils
- Totally enclosed, permanently lubricated condenser fan motor
- Electric heat kits available as field-installed options
- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- Louvered condenser coil protection
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)









Complete warranty details available from you local dealer or at www. goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

Manne	Nом	NOMINAL CAPACITIES		ELECTRIC	SEER / VOLTAGE-		D	IMENSION	S	- Bo	SHIP WEIGHT
MODEL	COOLING 1	HEATING <sup>2</sup>	CFM	HEAT (KW) EER		PHASE	W"	D"	Н"	DBS	(LBS)
GPH1424M41	2	23,000	850	5,8,10	14/11	208/230-1	47	51	34¾	76	380
GPH1430M41	2½	28,000	1,050	5,8,10,15	14/11	208/230-1	47	51	34¾	76	390
GPH1436M41	3	33,200	1,200	5,8,10,15	14/11	208/230-1	47	51	34¾	81	400
GPH1442M41	3½	40,600	1,300	5,8,10,15	14/11	208/230-1	47	51	34¾	80	410
GPH1448M41	4	45,600	1,600	5,8,10,15,20	14/11	208/230-1	47	51	42¾	79	485
GPH1460M41	5	57,500	1,850	5,8,10,15,20	14 / 11	208/230-1	47	51	42¾	80	495

<sup>&</sup>lt;sup>1</sup> Tons <sup>2</sup> BTU/h

Goodman Manufacturing Company, L.P. reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.



### **Product Features**

- Energy-efficient compressor
- EEM blower motor
- All-aluminum evaporator coil
- Convertible airflow: horizontal or downflow
- Totally enclosed, permanently lubricated condenser fan motor
- Copper tube/aluminum fin coils
- Electric heat kits available as field-installed options
- Heavy-gauge galvanized-steel cabinet with attractive Architectural Gray powder-paint finish
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)







Complete warranty details available from you local dealer or at www. goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

# GPH14H Heat Pump — Up to 14.5 SEER/Up to 8.0 HSPF

8400	No	MINAL CAPACI	TIES	ELECTRIC	SEER /	VOLTAGE-	DIMENSIONS			- 00	SHIP
MODEL	COOLING 1	HEATING <sup>2</sup>	CFM	HEAT (KW)	EER	PHASE	W"	D"	Н"	DBS	WEIGHT (LBS)
GPH1424H41**	2	22,800	875	5, 8, 10	14.5 / 12.0	208/230-1	66	34	30	76	325
GPH1430H41**	2½	27,600	1,050	5, 8, 10,15	14.0 / 12.0	208/230-1	66	34	30	76	325
GPH1436H41**	3	32,200	1,200	5, 8, 10,15	14.0 / 11.5	208/230-1	66	34	35	78	385
GPH1442H41**	3½	37,600	1,300	5, 8, 10,15, 20	14.0 / 12.0	208/230-1	66	34	35	78	385
GPH1448H41**	4	44,000	1,600	5, 8, 10,15, 20	14.0 / 12.0	208/230-1	66	34	38¾	80	410
GPH1460H41**	4	44,500	1,600	5, 8, 10,15, 20	14.0 / 12.0	208/230-1	66	34	38¾	80	415
GPH1460H41E*	5	54,500	1,700	5, 8, 10,15, 20	14.0 / 11.5	208/230-1	66	34	38¾	80	415
GPH1460H41**	5	54,500	1,700	5, 8, 10,15, 20	14.0 / 12.0	208/230-1	66	34	38¾	80	415

<sup>&</sup>lt;sup>1</sup> Tons <sup>2</sup> BTU/h <sup>3</sup> CFM

Goodman Manufacturing Company, L.P., reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

- High-efficiency compressor
- All-aluminum evaporator coil
- EEM blower motor
- Fully charged system
- Quiet horizontal discharge
- Copper tube/aluminum fin coil
- Totally enclosed, permanently lubricated condenser fan motor
- Electric heat kits available as field-installed options
- Heavy-gauge galvanized-steel cabinet with baked-on powder-paint finish









Complete warranty details available from you local dealer or at www. goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

## GPG15M Gas/Electric Unit — Up to 15 SEER/80% AFUE

Mana	NOMINAL RATINGS			Voltage-	ا	DIMENSIONS	5	DBS	SHIP
MODEL	COOLING 1	HEATING <sup>2</sup>	EER	PHASE	W"	D"	Н"	DBS	WEIGHT (LBS)
GPG152407041**	2	69,000	15.0 / 12.0	208/230-1	47	51	34¾	76	445
GPG153009041**	2½	92,000	14.5 / 12.0	208/230-1	47	51	34¾	76	448
GPG153709041**	3	92,000	14.5 / 11.5	208/230-1	47	51	34¾	76	514
GPG154211541**	3½	115,000	15.0 / 12.0	208/230-1	47	51	42¾	78	517
GPG154911541**	4	115,000	14.5 / 11.5	208/230-1	47	51	42¾	78	519
GPG156014041**	5	138,000	14.2 / 10.1	208/230-1	47	51	42¾	78	523

<sup>&</sup>lt;sup>1</sup> Tons <sup>2</sup> BTU/h

Goodman Manufacturing Company, L.P. reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.



- High-efficiency compressor
- Two-stage compressor on 4-, and 5-ton models
- EEM (X-13) blower motor
- Durable, corrosion-resistant, aluminizedsteel tubular heat exchanger
- All-Aluminum evaporator coil
- Copper tube /aluminum fin coil
- Redundant two-stage gas valve; natural gas with easy conversion to propane
- Direct spark ignition system includes a microprocessorbased control for the entire ignition sequence
- Power-assisted combustion
- All blower operation and all safety circuits complete with self-diagnostics
- Loss-of-charge protection
- Complies with California Low NOx emissions standards
- Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricanetype winds (anchor bracket kits available)









<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the 20-Year Heat Exchanger Limited Warranty and the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	No	MINAL CAPACIT	TIES	VOLTAGE-		DIMENSIONS	5	- 0-	SHIP
MODEL	COOLING 1	HEATING <sup>2</sup>	CFM	Phase	W"	D"	Н"	DBS	WEIGHT (LBS)
GPG1424040M41A*	2	40,000	800	208/230-1	47	51	34¾	78	435
GPG1424060M41A*	2	60,000	800	208/230-1	47	51	34¾	78	439
GPG1430040M41A*	2½	40,000	1,000	208/230-1	47	51	34¾	78	438
GPG1430060M41A*	2½	60,000	1,000	208/230-1	47	51	34¾	78	442
GPG1436040M41A*	3	40,000	1,200	208/230-1	47	51	34¾	78	470
GPG1436060M41A*	3	60,000	1,200	208/230-1	47	51	34¾	78	474
GPG1436080M41A*	3	80,000	1,200	208/230-1	47	51	34¾	78	480
GPG1442060M41A*	3½	60,000	1,300	208/230-1	47	51	34¾	78	515
GPG1442080M41A*	3½	80,000	1,300	208/230-1	47	51	34¾	78	520
GPG1448060M41A*	4	60,000	1,525	208/230-1	47	51	42¾	80	540
GPG1448080M41A*	4	80,000	1,525	208/230-1	47	51	42¾	80	545
GPG1448100M41A*	4	100,000	1,525	208/230-1	47	51	42¾	80	550
GPG1460080M41A*	5	80,000	1,810	208/230-1	47	51	42¾	80	555
GPG1460100M41A*	5	100,000	1,810	208/230-1	47	51	42¾	80	560
GPG1460120M41A*	5	120,000	1,810	208/230-1	47	51	42¾	80	565

<sup>&</sup>lt;sup>1</sup> Tons <sup>2</sup> BTU/h

Goodman Manufacturing Company, L.P. reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

- Energy-efficient compressor
- Durable, corrosion-resistant aluminized-steel tubular heat exchanger
- PSC blower motor; EEM blower motor on 4- & 5-ton units
- All-aluminum evaporator coil
- Fully charged system
- Copper tube/aluminum fin coils
- Redundant gas valve for natural gas with easy conversion to propane
- All blower operation and all safety circuits complete with self-diagnostics
- Direct-spark ignition system includes a microprocessorbased control for the entire ignition sequence
- All models comply with California Low NOx emission standards
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricanetype winds (anchor bracket kits available)











<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the 20-Year Heat Exchanger Limited Warranty and the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

## GPD14 Dual-Fuel Unit — Up to 14.5 SEER/8.0 HSPF/81% AFUE

Mana	No	MINAL CAPACIT	TIES	VOLTAGE /	C	IMENSION	S	- 00	SHIP
Model	COOLING 1	HEATING <sup>2</sup>	GAS HEAT <sup>2</sup>	PHASE	W"	D"	Н"	DBs	WEIGHT (LBS)
GPD1424060M41A*	2	23,800	60,000	208-230/ 1/ 61	47	51	34¾	76	440
GPD1424070M41B/C*	2½	23,800	69,000	208-230/ 1/ 60	47	51	34¾	76	440
GPD1430080M41A*	3	28,000	80,000	208-230/ 1/ 61	47	51	34¾	76	440
GPD1430090M41B/C*	3	28,000	92,000	208-230/ 1/ 60	47	51	34¾	76	440
GPD1436080M41A*	3½	34,000	80,000	208-230/ 1/ 61	47	51	34¾	76	440
GPD1436090M41B*	4	32,600	92,000	208-230/ 1/ 60	47	51	34¾	76	460
GPD1437090M41A/C*		34,000	92,000	208-230/ 1/ 60	47	51	34¾	76	440
GPD1442100M41A*		40,000	100,000	208-230/ 1/ 61	47	51	42¾	76	545
GPD1442115M41B*		40,000	115,000	208-230/ 1/ 60	47	51	42¾	76	545
GPD1448100M41A*		44,000	100,000	208-230/ 1/ 61	47	51	42¾	76	545
GPD1448115M41B/C*		44,000	115,000	208-230/ 1/ 60	47	51	42¾	76	545

<sup>&</sup>lt;sup>1</sup> Tons <sup>2</sup> BTU/h

Goodman Manufacturing Company, L.P., reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.



- Combines cooling with heat pump and gas heating
- High-efficiency scroll compressor
- Durable, corrosion-resistant aluminized-steel tubular heat exchanger
- Energy-efficient motor (EEM)
- Copper tube / aluminum fin coil
- Two-stage gas valve; natural gas with easy conversion to propane
- Direct spark ignition system with microprocessor-based control
- All blower operation and all safety circuits complete with self-diagnostics
- Power-assisted combustion
- Loss-of-charge protection
- All models comply with California Low NOx emission standards
- AHRI Certified; ETL Listed
- Fully insulated heavy-gauge, zinc-coated steel cabinet with UV-resistant powder-paint finish
- Louvered metal panel condenser coil protection
- When properly anchored, meets 2010 Florida Building Code unit integrity requirements for hurricane-type winds (anchor bracket kits available)









<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the 20-Year Heat Exchanger Limited Warranty and the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.





### Multi-Position, Variable-Speed Air Handler with SmartFrame™ Cabinet

Morri	COOLING	VOLTAGE		DIMENSIONS	5	Serv	SHIP	
MODEL	CAPACITY (BTU/H)	VOLIAGE	W"	D"	Н"	LIQUID	Suction	WEIGHT (LBS)
AVPTC24B14*	24,000	208/230	17½	21	45	3/8"	3/4"	100
AVPTC30C14*	30,000	208/230	21	21	49	3/8"	78"	118
AVPTC36C14*	36,000	208/230	21	21	49	3/8"	7 <sub>8</sub> "	118
AVPTC42C14*	42,000	208/230	24½	21	58	3/8"	7 <sub>8</sub> "	155
AVPTC48C14*	48,000	208/230	21	21	49	3/8"	7 <sub>8</sub> "	125
AVPTC48D14*	48,000	208/230	24½	21	58	3/8"	7 <sub>8</sub> "	167
AVPTC60D14*	60,000	208/230	24½	21	58	3/8"	7 <sub>8</sub> "	167

Goodman Manufacturing Company, L.P. reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

- Internal factory-installed thermal expansion valves for cooling and heat pump applications
- Check flowrator for cooling and heat pump applications
- Variable-speed ECM blower motor
- ComfortNet™ Communicating System compatible
- Auto configuration of the airflow and tonnage in communicating mode
- Provides constant CFM over a wide range of static pressure conditions independent of duct system
- CFM indicator
- Fault recall of six most recent faults
- Provides adjustable low CFM for efficient fan-only operation
- Improved humidity and comfort control
- Built-in compatibility with multi-stage heat pump and cooling applications
- All-aluminum evaporator coil
- Coil mounting track for quick repositioning
- Cabinet air leakage less than 2.0% at 1.0 inch H<sub>2</sub>O when tested in accordance with ASHRAE standard 193
- Cabinet air leakage less than 1.4% at 0.5 inch H<sub>2</sub>O when tested in accordance with ASHRAE standard 193
- 3 kW 25 kW electric heater kits
- Horizontal or vertical configuration capabilities
- Rigid SmartFrame™ cabinet
- 21" depth for easier attic access
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- Screw-less sides and back helps to reduce condensation when installed in humid locations
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- Glue-less cabinet insulation retention
- Tool-less filter access
- · AHRI certified; ETL listed













<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

### Multi-Position, Multi-Speed Air Handler with SmartFrame™ Cabinet

Mana	COOLING	Version	U	NIT DIMENSION	NS	Conni	SHIP	
MODEL	(Tons)	VOLTAGE	w"	D"	Н"	LIQUID"	Suction"	WEIGHT (LBS)
ASPT25B14*	2	208/230	17½	21	45	3/8	3/4	116
ASPT29B14*	2	208/230	17½	21	53	3/8	7/8	129
ASPT37B14*	3	208/230	17½	21	53	3/8	7/8	129
ASPT37C14*	3	208/230	21	21	53	3/8	7/8	144
ASPT47C14*	4	208/230	21	21	53	3/8	7/8	144
ASPT59C14*	5	208/230	21	21	53	3/8	7/8	144
ASPT47D14*	3½	208/230	24½	21	53	3/8	7/8	155
ASPT49D14*	4	208/230	24½	21	58	3/8	7/8	167
ASPT61D14*	5	208/230	24½	21	58	3/8	7/8	167

<sup>&</sup>lt;sup>1</sup> Tons \*Airflow rate @.3 static

Goodman Company, L.P., reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

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- Internal factory-installed thermal expansion valves for cooling and heat pump applications
- Direct drive, multi-speed ECM blower motor
- All-aluminum evaporator coil
- Coil mounting track for quick repositioning
- Cabinet air leakage less than 2.0% at 1.0 inch H<sub>2</sub>O when tested in accordance with ASHRAE standard 193
- Cabinet air leakage less than 1.4% at 0.5 inch
   H<sub>2</sub>O when tested in accordance with ASHRAE standard 193
- 3 kW 25 kW electric heater kits
- Horizontal or vertical configuration capabilities
- Rigid SmartFrame™ cabinet
- 21" depth for easier attic access
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- Screw-less sides and back helps to reduce condensation when installed in humid locations
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- Glue-less cabinet insulation retention
- Tool-less filter access
- AHRI certified; ETL listed











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## Multi-Position, Multi-Speed Air Handler with SmartFrame™ Cabinet

	NOMINAL		Un	IT DIMENSIC	ONS	CONNEC	TION SIZE	SHIP
MODEL	COOLING (TONS)	VOLTAGE	W"	D"	Н"	Liquid	Suction	WEIGHT (LBS)
ARUF25B14*	2	208/230	17½	21	45	3/8"	3/4"	100
ARUF29B14*	2	208/230	17½	21	45	3/8"	3/4"	100
ARUF31B14*	2½	208/230	17½	21	53 3/7	3/8"	7∕8″	120
ARUF37C14*	3	208/230	21	21	53 3/7	3/8"	7 <sub>8</sub> "	130
ARUF43C14*	3½	208/230	21	21	53 3/7	3/8"	7 <sub>8</sub> "	130
ARUF49C14*	4	208/230	21	21	53 3/7	3/8"	7 <sub>8</sub> "	135
ARUF37D14*	3	208/230	24½	21	53 3/7	3/8"	7 <sub>8</sub> "	140
ARUF43D14*	3½	208/230	24½	21	53 3/7	3/8"	7/8"	145
ARUF47D14*	3½	208/230	24½	21	58	3/8"	¾"	150
ARUF49D14*	4	208/230	24½	21	53 3/7	3/8"	7⁄8"	145
ARUF61D14*	5	208/230	24½	21	58	3/8"	7/8"	155

<sup>&</sup>lt;sup>1</sup> Tons \*Airflow rate @.3 static

Goodman Manufacturing Company, L.P., reserves the right to discontinue or change at any time specirications or designs without notice or without incurring obligations.

- Check flowrator for cooling and heat pump applications
- Direct drive, multi-speed PSC blower motor
- All-aluminum evaporator coil
- · Coil mounting track for quick repositioning
- Cabinet air leakage less than 2.0% at 1.0 inch H<sub>2</sub>O when tested in accordance with ASHRAE standard 193
- Cabinet air leakage less than 1.4% at 0.5 inch H<sub>2</sub>O when tested in accordance with ASHRAE standard 193
- 3 kW 25 kW electric heater kits
- Horizontal or vertical configuration capabilities
- Rigid SmartFrame™ cabinet
- 21" depth for easier attic access
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- Screw-less sides and back helps to reduce condensation when installed in humid locations
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- Glue-less cabinet insulation retention
- Tool-less filter access
- AHRI certified; ETL listed













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	VOLTAGE-	D	IMENSIO	NS	SHIP
MODEL	PHASE	W"	D"	H"	WEIGHT (LBS)
MBR0800AA-1	208/230-1	17½	21	26	62
MBR1200AA-1	208/230-1	17½	21	26	62
MBR1600AA-1	208/230-1	21	21	30	73
MBR2000AA-1	208/230-1	24½	21	30	84

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

Money	VOLTAGE-	U	IMENSIO	vs	WEIGHT	
MODEL	PHASE	W"	D"	Н"	(LBS)	
MBVC1200AA-1	208/230-1	17½	21	26	67	
MBVC1600AA-1	208/230-1	21	21	30	80	
MBVC2000AA-1	208/230-1	24½	21	30	86	

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

### Product Features: MBR

- Direct drive, multi-speed PSC blower motor
- 3 kW 21 kW electric heat kits
- Blower section usable as electric heater
- Horizontal or vertical configuration capabilities
- 21" depth for easier attic access
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- · AHRI certified; ETL listed



### **Product Features: MBVC**

- Variable-speed ECM blower motor
- ComfortNet<sup>™</sup> Communicating System compatible
- Auto configuration of the airflow and tonnage in communicating mode
- Provides constant CFM over a wide range of static pressure conditions independent of duct system
- CFM indicator
- Fault recall of six most recent faults
- Provides adjustable low CFM for efficient fan-only operation
- Improved humidity and comfort control
- Built-in compatibility with multi-stage heat pump and cooling applications
- 3 kW 21 kW electric heat kits
- Blower section usable as electric heater
- · Horizontal or vertical configuration capabilities
- 21" depth for easier attic access
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- AHRI certified; ETL listed





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	Nominal	ELECTRIC HEAT			DIMENSION	s	SERVIC	E VALVE	SHIP
MODEL	Cooling (Tons)	(ĸW)	VOLTAGE	W"	D"	H"	LIQUID	Suction	WEIGHT (LBS)
AWUF180316	1½	3	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF180516	1½	5	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF180816	1½	8	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF190316	1½	3	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF190516	1½	5	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF190816	1½	8	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF240316	2	3	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF240516	2	5	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF240816	2	8	240/208	203/16	161/8	36*	3/8"	5/8	84
AWUF241016	2	10	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF250316	2	3	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF250816	2	5	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF251016	2	8	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF300316	2	10	240/208	203/16	16%	36*	3/8"	5/8	84
AWUF300516	2½	3	240/208	24	21	36*	3/8"	3/4	93
AWUF300816	2½	5	240/208	24	21	36*	3/8"	3/4	109
AWUF301016	2½	8	240/208	24	21	36*	3/8"	3/4	109
AWUF310516	2½	10	240/208	24	21	36*	3/8"	3/4	109
AWUF310816	2½	5	240/208	24	21	36*	3/8"	3/4	109
AWUF321016	2½	8	240/208	24	21	36*	3/8"	3/4	109
AWUF360516	2½	10	240/208	24	21	36*	3/8"	3/4	109
AWUF360816	3	8	240/208	24	21	36*	3/8"	3/4	96
AWUF361016	3	10	240/208	24	21	36*	3/8"	3/4	96
AWUF370516	3	5	240/208	24	21	36*	3/8"	3/4	96
AWUF370816	3	8	240/208	24	21	36*	3/8"	3/4	96
AWUF371016	3	10	240/208	24	21	36*	3/8"	3/4	96

Goodman Manufacturing Company, L.P., reserves the right to discontinue or change at any time specirications or designs without notice or without incurring obligations.

- Check flowrater for cooling and heat pump applications
- Direct-drive, multi-speed motor
- Sequence-controlled, rust-resistant nickel chromium heating elements
- Rifled aluminum tubing and corrugated aluminum fins
- AHRI Certified; ETL Listed
- Built-in filter rack (filter included)

- Thermoplastic drain pan with bottom primary/secondary drain connection
- Factory-installed pull-type disconnect
- Large chassis (2½- and 3-ton units) front return only;
   small chassis (1½- and 2-ton units) – front or bottom return
- Wall-hanging bracket provided







<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.



	Cooling	ELECTRIC	VOLTAGE	DIMENSIONS			REFRIGER CONNECT	SHIP	
MODEL	CAPACITY (TONS)	HEAT (KW)	(VAC)	w"	D"	н"	LIQUID	Suction	WEIGHT (LBS)
ACNF180016*	1½	0	208/230	37¼	21	10	3/8"	3/4"	59
ACNF180516*	1½	5	208/230	37¼	21	10	3/8"	3/4"	59
ACNF180616*	1½	6	208/230	37¼	21	10	3/8"	3/4"	59
ACNF180816*	1½	8	208/230	37¼	21	10	3/8"	3/4"	59
ACNF240016*	2	0	208/230	431/4	21	10	3/8"	3/4"	69
ACNF240516*	2	5	208/230	43¼	21	10	3/8"	3/4"	69
ACNF240616*	2	6	208/230	43¼	21	10	3/8"	3/4"	69
ACNF240816*	2	8	208/230	43¼	21	10	3/8"	3/4"	69
ACNF241016*	2	10	208/230	43¼	21	10	3/8"	3/4"	69
ACNF300016*	2½	0	208/230	49%	21	10	3/8"	3/4"	79
ACNF300516*	2½	5	208/230	49%	21	10	3/8"	3/4"	79
ACNF300616*	2½	6	208/230	49%	21	10	3/8"	3/4"	79
ACNF300816*	2½	8	208/230	49%	21	10	3/8"	3/4"	79
ACNF301016*	2½	10	208/230	49¼	21	10	3/8"	3/4"	79

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Check flowrater for cooling and heat pump applications
- Direct-drive, resilient-mount, multi-speed motor
- Sequence-controlled and rustresistant nickel chromium heating elements of 5, 6, 8 and 10 kw
- High-efficiency evaporator coil
- Quiet operation

- Available with and without heat
- AHRI Certified; ETL Listed
- Primary/secondary drain connection in a hightemperature plastic drain pan
- Factory-installed pulltype disconnect
- Easy service access









<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

# CAPT — Cased Coil with TXV Option

Mana	CABINET DIMENSIONS		PLENUM OPENING		Nominal	CONNECTION		SHIP WEIGHT	
MODEL	W	D	н	w	D	Tons	Liquid	Suction	(LBS)
CAPT3131B4*	17½"	21"	22"	16½"	19"	2½	3/8"	3/4"	4*6
CAPT3131C4*	21"	21"	22"	20"	19"	2½	3/8"	3/4"	50
CAPT3743C4*	21"	21"	30"	20"	19"	3-3½	3/8"	7∕8″	63
CAPT3743D4*	24*½"	21"	30"	23½"	19"	3-3½	3/8"	7∕8″	75
CAPT4961C4*	21"	21"	30"	20"	19"	4*-5	3/8"	7∕8″	73
CAPT4961D4*	24*½"	21"	30"	23½"	19"	4*-5	3/8"	7/8"	76

Goodman Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Internal factory-installed thermal expansion valves for cooling and heat pump applications
- Check flowrator for cooling and heat pump applications
- Upflow/Downflow configuration
- 21" depth for easier attic access
- Split seam front for easy access
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- All-aluminum evaporator coil
- Rust resistant, thermoplastic drain pans featuring a low water-retention design
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- UV-resistant drain pan
- AHRI certified; ETL listed









<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

		DIMENSIONS		Nominal	CONN	ECTION	SHIP WEIGHT	
MODEL	W"	D"	Н"	Tons	LIQUID"	Suction"	(LBS)	
CAPF1824A6	14	21	18	1½-2	3/8	3/4	32	
CAPF1824B6	17½	21	18	1½-2	3/8	3/4	35	
CAPF1824C6	21	21	22	1½-2	3/8	3/4	42	
CAPF3030A6	14	21	22	2½	3/8	3/4	41	
CAPF3030B6	17½	21	22	2½	3/8	3/4	43	
CAPF3030C6	21	21	22	2½	3/8	3/4	44	
CAPF3030D6	241/2	21	22	2½	3/8	3/4	52	
CAPF3131B6	17½	21	22	2½	3/8	3/4	46	
CAPF3131C6	21	21	22	2½	3/8	<b>7</b> /8	50	
CAPF3137B6	17½	21	30	2½-3	3/8	3/4	53	
CAPF3636A6	14	21	22	3	3/8	7/8	40	
CAPF3636B6	17½	21	22	3	3/8	<b>7</b> /8	44	
CAPF3636C6	21	21	22	3	3/8	<b>7</b> /8	53	
CAPF3636D6	241/2	21	22	3	3/8	<b>7</b> /8	51	
CAPF3642C6	21	21	22	3-3½	3/8	<b>7</b> / <sub>8</sub>	49	
CAPF3642D6	241/2	21	22	3-3½	3/8	7/8	52	
CAPF3743C6	21	21	30	3-3½	3/8	<b>7</b> /8	63	
CAPF3743D6	24½	21	30	3-3½	3/8	<b>7</b> /8	75	
CAPF4860C6	21	21	30	4-5	3/8	<b>7</b> /8	65	
CAPF4860D6	24½	21	30	4-5	3/8	<b>7</b> /8	68	
CAPF4961C6	21	21	30	4-5	3/8	7/s	73	
CAPF4961D6	24½	21	30	4-5	3/8	7/8	76	

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.



- Check flowrator for cooling and heat pump applications
- Upflow/downflow configuration
- 21" depth for easier attic access
- Split seam front for easy access
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- All-aluminum evaporator coil
- Rust resistant, thermoplastic drain pans featuring a low water-retention design
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- UV-resistant drain pan
- AHRI certified; ETL listed







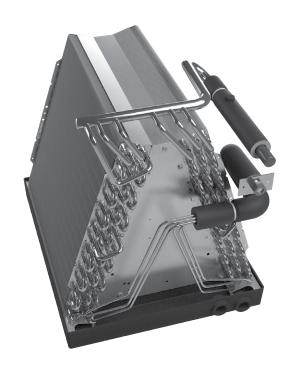
<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

# CAUF — Uncased Upflow/Downflow

		DIMENSIONS			CONN	ECTION	PISTON	SHIP
MODEL	W"	D"	H"	Tons	LIQUID	Suction	Size	WEIGHT (LBS.)
CAUF1824A6	13"	201/8"	16¼"	1½-2	3/8"	3/4"	.059	18
CAUF1824B6	16½"	201/8"	16%"	1½-2	3/8"	3/4"	.059	23
CAUF1824C6	20"	201/8"	16¾"	1½-2	3/8"	3/4"	.059	27
CAUF3030A6	13"	201/8"	201/16"	2½	3/8"	3/4"	.065	25
CAUF3030B6	16½"	201/8"	18¾"	2½	3/8"	3/4"	.065	22
CAUF3030C6	20"	201/8"	17%"	2½	3/8"	3/4"	.065	25
CAUF3030D6	23"	201/8"	17%"	2½	3/8"	3/4"	.065	32
CAUF3131B6	16½"	201/8"	201/16"	2½	3/8"	3/4"	.068	27
CAUF3137B6	16½"	201/8"	27"	2½-3	3/8"	3/4"	0.071	43
CAUF3131C6	20"	201/8"	20"	2½	3/8"	3/4"	.068	31
CAUF3636A6	13"	201/8"	19½"	3	3/8"	3/4"	.071	30
CAUF3636B6	16½"	201/8"	19%"	3	3/8"	3/4"	.071	25
CAUF3636C6	20"	201/8"	19%"	3	3/8"	3/4"	.071	28
CAUF3636D6	23"	201/8"	19%"	3	3/8"	3/4"	.071	36
CAUF3642C6	20"	201/8"	19"	3-31/2	3/8"	3/4"	.078	29
CAUF3642D6	23"	201/8"	19%"	3-3½	3/8"	3/4"	.078	34
CAUF3743C6	20"	201/8"	281/16"	3-3½	3/8"	7/8"	.078	46
CAUF3743D6	23"	201/8"	27%"	3-31/2	3/8"	7/8"	.078	43
CAUF4860C6	20"	201/8"	28"	4-5	3/8"	7/8"	.093	48
CAUF4860D6	23"	201/8"	28"	4-5	3/8"	7/8"	.093	39
CAUF4961C6	20"	201/8"	28"	4-5	3/8"	7/8"	.093	54
CAUF4961D6	23"	20%"	27"	4-5	3/8"	7/8"	.093	59

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Check flowrator for cooling and heat pump applications
- Upflow/Downflow configuration
- 21" depth for easier attic access
- Galvanized, leather grain-embossed finish
- All-aluminum evaporator coil
- Rust resistant, thermoplastic drain pans featuring a low water-retention design
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- UV-resistant drain pan
- AHRI certified; ETL listed









<sup>\*</sup> Complete warranty details available from you local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

84000	CABINET DIMENSIONS PLENUM OPENING NOMINAL		Nominal	Conni	ECTION	SHIP			
MODEL	D	w	Н	D	Н	Tons	LIQUID	Suction	WEIGHT (LBS)
CHPF1824A6*	211/8"	26"	14"	19"	13"	1½ to 2	3/8"	3/4"	36
CHPF2430B6*	211/8"	26"	17½"	19"	16½"	2 to 2½	3/8"	3/4"	55
CHPF3636B6*	211/8"	26"	17½"	19"	16½"	3	3/8"	7⁄8"	50
CHPF3642C6*	21%"	26"	21"	19"	20"	3 to 3½	3/8"	%″	63
CHPF3642D6*	211/8"	26"	24½"	19"	23½"	3 to 3½	3/8"	7⁄8"	66
CHPF3743C6*	211/8"	26"	21"	19"	20"	3 to 3½	3/8"	7⁄8"	63
CHPF3743D6*	211/8"	26"	24½"	19"	23½"	3 to 3½	3/8"	7/8"	63
CHPF4860D6*	211/8"	26"	24½"	19"	23½"	4 to 5	3/8"	7/8"	77

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

- Check flowrator for cooling and heat pump applications
- Horizontal configuration
- 21" depth for easier attic access
- Split seam front for easy access
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- All-aluminum evaporator coil
- Rust resistant, thermoplastic drain pans featuring a low water-retention design
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- UV-resistant drain pan
- AHRI certified; ETL listed









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# CSCF — Horizontal Slab Evaporator Indoor Coil

24000	CABINET DIMENSIONS			PLENUM OPENING		CAPACITY	CONNECTION SIZE		SHIP
MODEL	D	w	Н	D	н	(Tons)	Liquid	Suction	WEIGHT (LBS)
CSCF1824N6*	25½"	12"	25"	16"	21"	1½-2	3/8"	3/4"	43
CSCF3036N6*	33½"	12"	25"	24"	21"	2½-3	3/8"	7 <sub>8</sub> "	52.5
CSCF3642N6*	39½"	12"	25"	30"	21"	3-3½	3/8"	7 <sub>8</sub> "	43
CSCF4860N6*	39½"	12"	25"	30"	21"	4-5	3/8"	7⁄8"	60

Goodman Manufacturing Company, L.P. reserves the right to discontinue or change at any time specifications or designs without notice or without incurring obligations.

- Check flowrator for cooling and heat pump applications
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Horizontal configuration
- All-aluminum evaporator coil
- Rust resistant, thermoplastic drain pans featuring a low water-retention design
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- UV-resistant drain pan
- AHRI certified; ETL listed

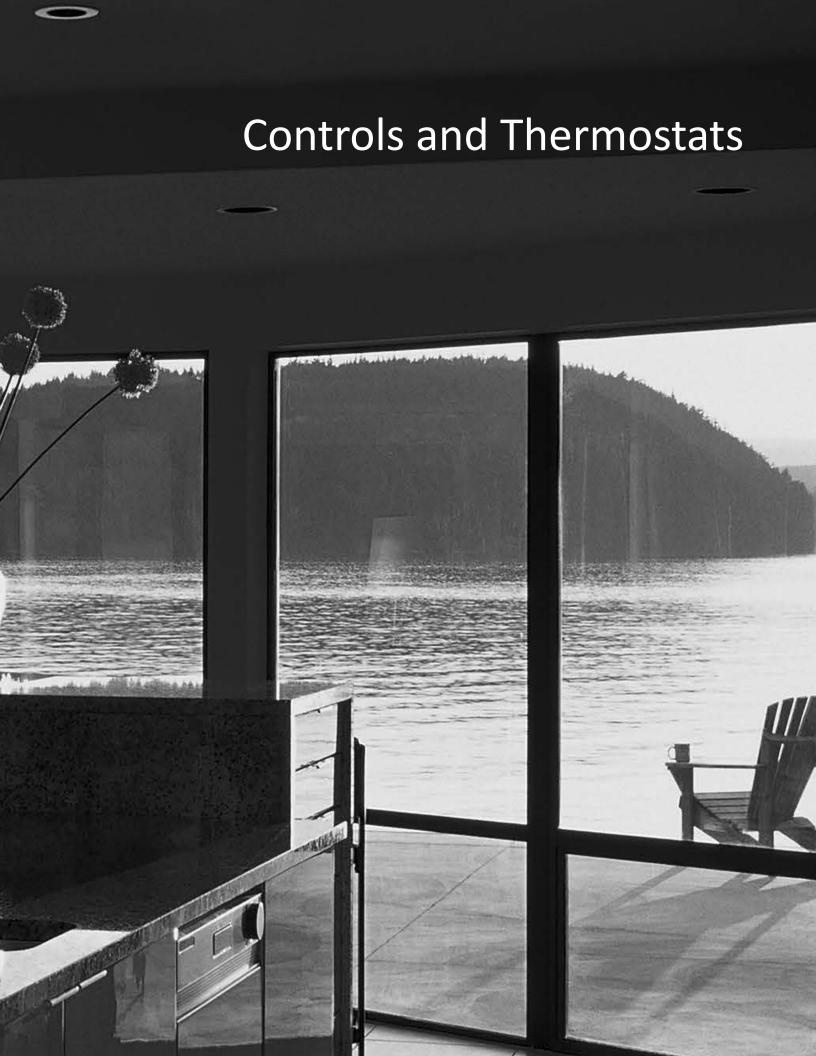








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## ComfortNet<sup>™</sup> Communicating Control and System — CTK04

The ComfortNet™ brand CTK04 touchscreen digital control works with Goodman® brand ComfortNet-ready heating and cooling systems in both residential and commercial applications.

#### **Product Features**

- Advanced modulation control
- Adjustable heat pump balance point
- Adjustable auxiliary heat lock-out
- Adjustable continuous four-speed fan
- Full color display
- Commercial / residential selection option
- On-board dehumidification capability
- Humidification control
- Humidifier type selection (with Honeywell TrueSTEAM)
- Wireless humidification option (with RedLINK outdoor sensor)
- Window frost / condensation protection (with RedLINK outdoor sensor)
- Southern dehumidification control
- Multiple commercial dehumidification options
- Indoor temperature averaging (with RedLINK indoor sensor(s))
- Device naming option
- Outdoor temperature display
- Outdoor humidity display (with RedLINK outdoor sensor)
- · Wireless accessory capability
- Multi-lingual (English, French, Spanish)
- Air filter maintenance reminder
- UV lamp maintenance reminder
- Humidifier pad maintenance reminder
- Electronic air cleaner maintenance reminder
- Continuous backlight
- Adjustable backlight & contrast
- Temperature display adjustment
- Humidity display adjustment
- Temperature display °F or °C
- Max. heat & min. cool set-point temperatures
- Max./min. temperature / humidity alerts
- User interaction log (historical)
- Advanced staging control
- Heat and cool cycle rate adjustable
- Energy management recovery
- Internet access
- Home-screen theme options
- Customizable home screen
- Keypad lock-out options
- Auto-display dimming option
- Dealer information capability
- USB upload dealer information & set-up







\* Complete warranty details available from your local dealer or at www. goodmanmfg.com. To receive the 10-Year Control Limited Warranty, the control must be installed in conjunction with a new furnace or air handler containing a communicating system that is compatible with the control and, if that furnace/air handler is a Goodman® or Amana® brand unit, that furnace/air handler must have been registered online within 60 days of installation of the furnace/air handler. Failure by Quebec or California residents to have registered a Goodman or Amana brand furnace/air handler does not diminish their warranty rights.

### ComfortNet<sup>™</sup> Family of Products

• Air Conditioners: DSXC18, DSXC16

Heat Pumps: DSZC18, DSZC16

 Gas Furnaces: GMVM96, GCVM86, GMVC95, GCVC95, GMVC8

• Air Handlers: AVPTC, MBVC

The ComfortNet™ brand CTKO2 programmable or non-programmable touchscreen high-definition digital control for residential and light commercial applications works with our Goodman® brand ComfortNet-ready heating and cooling systems.

#### **Product Features**

- Advanced modulation control
- Independent humidification control
- Dehumidification control
- Removable faceplate (gray and white included)
- Intuitive installer menus
- Adjustable maximum heat and cool settings
- Extra-large touchpad for easy operation
- Easy-to-read character size
- Advanced diagnostics and fault code display
- Fahrenheit/Celsius display
- Optional continuous LED back-lighted display
- Maximum four-wire low-voltage control wiring connection
- Only two wires required to outdoor unit when used with optional outdoor transformer
- Auto-setup and configuration of dipswitches
- Hard-wired with battery back-up
- Meets California Building Code, Title 24
- Fast or slow heating cycle anticipation
- Fast energizing between stages of heat and cool
- Active system diagnostics
- "Call for Service" diagnostic indicator
- Dual-fuel heat pump compatible
- Audible beep alert on key press
- Humidifier pad maintenance reminder
- Air filter maintenance reminder
- UV lamp maintenance reminder
- Humidifier pad replacement reminder
- Adjustable brightness and keypad adjustment
- Customizable home screen
- Low-profile design
- Seven-day programmable system
- Four steps per daily schedule sequence
- Simultaneous heat and cool program storage
- Auto heat / cool change-over option: automatically switches between heating and cooling programs
- Selectable continuous fan speeds
- Dehumidification control
- Airflow speed trimming adjustment
- Energy Management Recovery program (EMR)
- Program-loss, start-up temperature
- USB uploadable dealer information and set-point profiles







\* Complete warranty details available from your local dealer or at www. goodmanmfg.com. To receive the 10-Year Control Limited Warranty, the control must be installed in conjunction with a new furnace or air handler containing a communicating system that is compatible with the control and, if that furnace/air handler is a Goodman® or Amana® brand unit, that furnace/air handler must have been registered online within 60 days of installation of the furnace/air handler. Failure by Quebec or California residents to have registered a Goodman or Amana brand furnace/air handler does not diminish their warranty rights.

### ComfortNet<sup>™</sup> Family of Products

Air Conditioners: DSXC18, DSXC16
Heat Pumps: DSZC18, DSZC16
Gas Furnaces: GMVM96, GCVM86, GMVC95, GCVC95, GMVC8

Air Handlers: AVPTC, MBVC

## **TouchScreen Thermostats**

## For Residential Applications



- Customizable wallpaper and slide show
- Built-in nature and holiday wallpaper themes
- Customizable service alerts
- "Simple as you want" operation with easy-to-read display
- TouchScreen assistant for fast and easy programming
- SD memory card for easy importing and exporting of thermostat data, including copying data between thermostats
- At-a-glance screen lets users see temperature and heating/cooling status
- Programmable fan and night-time dimmer
- 7-Day programmable scheduler
- Switchable programmable or non-programmable
- Up to 4 heat & 2 cool stages
- Automatic daylight savings adjustments
- 7-Day energy usage graph
- Passcode security for screen lock and set-point limits
- Multiple languages: English, Spanish, and French
- Gas/electric or heat pump control
- Universal compatibility including dual fuel



## High Efficiency Wall-Mounted Units

15 Series System Pe	rformance					
Nominal Capacity C	lass		9,000	12,000	18,000	24,000
Cooling Capacity (Ra	ted)	BTU/h	9,000	12,000	17,100	22,000
Cooling Capacity (Mi	n – Max)	BTU/h	4,400-10,200	4,400-13,000	5,100-18,000	5,100-23,000
Heating Capacity (Ra	ited)*	BTU/h	9,000	12,000	18,000	22,000
Heating Capacity (M	in – Max)*	BTU/h	4,400-10,000	4,400-14,000	5,100-19,100	5,100-25,400
SEER			15	15	15	15
COP			3.9	3.9	3.8	3.6
EER (AC/HP)		,	10.4	10.5	11.0 / 12.2	9.2
HSPF*			8.2	8.2	8.2	8.2
Electrical Data						
Power Supply		V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Minimum Circuit Am	nps	А	7.9 Cool/10.1 Heat	8.6 Cool/10.1 Heat	9.5 Cool/13.3 Heat	18.3
Maximum Overcurre	ent Protection	А	15	15	20	20
Power Consumption	- Cooling	kW	0.87	1.14	1.40	2.40
Power Consumption	- Heating*	kW	0.68	0.91	1.38	1.79

<sup>\*</sup>Applicable to heat pump models only

### **Product Features**

- Inverter Compressor
- 208/230/1 Power Supply
- Cooling Range: 50°-115° F
- Heating Range: 5°-75° F
- Pre-charged for up to 33 ft of Liquid Line
- Indoor Sound Pressure as Low as 19 dB(A)
- Outdoor Sound Pressures as Low as 46 dB(A)
- Washable Air Filter
- Econo Mode
- Program Dry Function

- Powerful Operation Mode
- Wireless Remote Controller
- Outdoor Unit Quiet Operation
- Auto Changeover (Heat Pump Only)
- Auto Fan Speed Control
- Self-Diagnostics with Digital Display
- Auto Restart after Power Failure
- Anti-Corrosion Treatment on Heat Exchanger
- Max Piping (09/12 MBH): 49' Length, 39' Height
- Max Piping (18/24 MBH): 98' Length, 66' Height





# Comfortable Limited Warranty\* Protection



\*Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

## High Efficiency Wall-Mounted Units

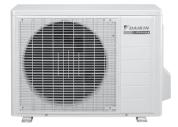
19 Series System Performance					
Nominal Capacity Class		9,000	12,000	18,000	24,000
Cooling Capacity (Rated)	BTU/н	9,000	10,900	18,000	21,200
Cooling Capacity (Min – Max)	ВТU/н	4,400-10,200	4,400-13,300	5,500-20,000	5,500-24,000
Heating Capacity (Rated)*	BTU/н	10,000	13,500	21,600	24,000
Heating Capacity (Min – Max)*	ВТU/н	4,400-13,000	4,400-16,400	5,500-24,000	5,800-27,600
SEER		19	19	18	18
СОР		4.06	3.8	3.6	3.5
EER		12.5	12.5	12.5	12.5
HSPF*		9	9	9	9
Electrical Data					
Power Supply	V/PH/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Minimum Circuit Amps	A	12.1	12.2	18.3	18.3
Maximum Overcurrent Protection	A	15	15	20	20
Power Consumption - Cooling	κW	0.72	0.87	1.44	1.70
Power Consumption - Heating*	κW	0.72	1.04	1.76	2.01

<sup>\*</sup>Applicable to heat pump models only

### **Product Features**

- Inverter Compressor
- 208/230/1 Power Supply
- Cooling Range: 0°-115° F (with optional wind baffle)
- Heating Range: -4° 75° F (with optional wind baffle)
- Pre-charged for up to 33 ft of liquid line
- Indoor Sound Pressure as low as 19 dB(A)
- Outdoor Sound Pressuresas low as 46 dB(A)
- Washable Air Filter
- Econo Mode
- Program Dry Function
- Powerful Operation Mode

- Wireless Remote Controller with backlit display
- Outdoor Unit quiet operation with backlight
- Auto Changeover (Heat Pump only)
- Auto Fan Speed Control
- Self-Diagnostics with digital display
- Auto Restart after power failure
- Anti-Corrosion Treatment on heat exchanger
- Max Piping (09/12 MBH): 66' length, 49' height
- Max Piping (18/24 MBH): 98' Length, 66' height
- Titanium Apatite photocatalytic air filter





# Comfortable Limited Warranty\* Protection



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### Wall-Mounted Units

HIGH-EFFICIENCY SYSTEM PERFORMANCE	0.75 Tons	1.0 Tons	1.25 Tons	1.5 Tons	2.0 Tons
Indoor Model	FTXS09LVJU	FTXS12LVJU	FTXS15LVJU	FTXS18LVJU	FTXS24LVJU
Outdoor Model	RXS09LVJU	RXS12LVJU	RXS15LVJU	RXS18LVJU	RXS24LVJU
Cooling Capacity (Rated) (BTU/h)	10,600	13,800	18,000	21,600	25,800
Cooling Capacity (Min – Max) (BTU/h)	4,400 – 10,600	4,800 – 13,800	5,800 – 18,000	5,800 – 21,600	7,800 – 25,800
Heating Capacity (Rated) <sup>†</sup> (BTU/h)	15,600	14,400	18,000	21,600	25,400
Heating Capacity (Min – Max) <sup>†</sup> (BTU/h)	4,400 – 15,600	4,800 – 18,000	5,800 – 22,300	5,800 – 26,700	7,800 – 31,400
SEER / HSPF	24.5 / 12.5	23 / 12.5	20.6 / 11.6	20.3 / 11	20.0 / 10.6
COP / EER	4.46 / 15.3	4.35 / 12.8	4.00 / 14.4	3.70 / 12.7	3.37 / 12.5
Power Supply (Voltage-Phase-Hz)	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60
Minimum Circuit Amps	8.00	8.75	13.75	13.75	17.50
Maximum Overcurrent Protection (A)	15.0	15.0	20.0	20.0	20.0
Liquid Piping Connections (O.D.) (in.)	Ø 1/4				
Gas Piping Connections (O.D.) (in.)	Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2	Ø 5/8
Condensate Drain (in.)	Ø 5/8				
Max. Piping Length (ft.)	65.6	65.6	98.4	98.4	98.4
Max. Piping Height (ft.)	49.2	49.2	65.6	65.6	65.6

Applicable to heat pump models only.

### **Product Features**

- Intelligent eye adjusts between normal operation and energy-saving mode by using a motion-detecting sensor to monitor occupancy, resulting in heating and cooling savings.
- Filter combines an air-purifying filter and titanium apatite photocatalytic air deoderizing filter in a single highly effective unit to remove a wide range of airborne particles and decompose odors.
- Weekly timer offers the ability to program up to four settings per day.
- 3-D airflow combines vertical and horizontal auto-swing to circulate warm or cool air throughout large spaces.
- Available from 9,000 BTU/h to 24,000 BTU/h in heat pump models





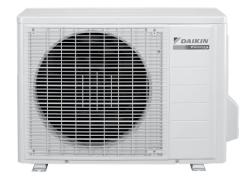
# Comfortable Limited Warranty\* Protection



<sup>\*</sup>Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

HIGH-EFFICIENCY SYSTEM PERFORMANCE	0.75 Tons	1.0 Tons
Indoor Model	FDXS09LVJU	FDXS12LVJU
Outdoor Model	RXS09LVJU	RXS09LVJU
Cooling Capacity (Rated) (BTU/h)	8,500	11,500
Cooling Capacity (Min – Max) (BTU/h)	4,400 – 8,500	4,800 – 11,500
Heating Capacity (Rated) <sup>†</sup> (BTU/h)	10,000	11,500
Heating Capacity (Min – Max) <sup>†</sup> (BTU/h)	4,400 – 10,000	4,800 – 11,500
SEER / HSPF	15.1 / 10.3	15.5 / 10.4
COP / EER	3.45 / 11.2	3.51 / 9.1
Power Supply (Voltage-Phase-Hz)	208/230V-1-60	208/230V-1-60
Minimum Circuit Amps	8.00	8.75
Maximum Overcurrent Protection (A)	15	15
Liquid Piping Connections (O.D.) (in.)	Ø 1/4	Ø 1/4
Gas Piping Connections (O.D.) (in.)	Ø 3/8	Ø 3/8
Condensate Drain (in.)	Ø 25/32	Ø 25/32
Max. Piping Length (ft.)	65.6	65.6
Max. Piping Height (ft.)	49.2	49.2

Applicable to heat pump models only.



### **Product Features**

- Ductless or short-run ducted operation is perfect for bedrooms, basements, bathrooms and closets.
- Increased energy savings with Econo-Mode function reduces operating current and power consumption during start-up.
- Undisturbed comfort with indoor operating sound levels as low as 31 dB(A)



Comfortable Limited Warranty\* Protection



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### Multi-Zone Outdoor Units

OUTDOOR MODEL		2MXS18GVJU	3MXS24NMVJU	4MXS32GVJU	RMXS48LVJU
Cooling Capacity (Rated- Max)	BTU/h	18,000-21,000	24,000-30,000	36,000-38,000	48,000
Heating Capacity (Rated- Max)	BTU/h	18,900-25,000	24,000-36,000	36,000-43,000	54,000
Max Connected Capacity	BTU/h	24,000	39,000	48,000	62,400
Min-Max No. of Indoor Units	Connections	2	2-3	2-4	2-8
Sound Pressure- (Cooling/Heating)	dB(A)	50/51	52/54	52/54	57/58
Operating Range- Cooling	*F DB	14- 115	14- 115	14- 115	14- 115
Operating Range- Heating	*F DB	5- 75	5- 75	5- 75	5- 75
Operating Range- Heating with Optional Drain Pan Heater	*F DB	-4 – 75	-4 – 75	-4 – 75	-4 – 75
Piping Dimensions					
Max. Length (for Total of All Rooms)	ft.	164	230	230	433
Max. Length (for One Room)	ft.	82	82	82	82
Max. Piping Height	ft.	49.2	49.2	49.2	98.4
Electrical Data					
Power Supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Minimum Circuit Amps	А	15.8	18.7	19.75	27
Maximum Overcurrent Protection	А	20	20	20	30
Dimensions (H x W x D)	in.	29 x 34¼ x 12%	29 x 34¼ x 12%	29 x 34¼ x 12%	52 <sup>15</sup> / <sub>16</sub> x 35 <sup>7</sup> / <sub>16</sub> x 12 <sup>5</sup> / <sub>8</sub>
Net Weight	lbs.	128	132	137	129
	Non-Ducted	18.9/12.5/10.7/4.1	17.9/12.7/12.5/4.6	17.7/9.2/12.2/4.5	18.8/ 10.3 / 11.3/ 3.0
SEER/EER/HSPF/COP	Mixed	16.5/11.0/9.5/4.1	15.9/11.2/10.4/3.2	15.9/8.5/10.2/3.4	16.5/ 9.8 / 16.5/ 2.9
	Ducted	14.0/9.5/8.2/4.1	14.0/9.7/8.2/3.9	14.0/7.9/8.2/3.9	14.1/9.3 / 14.1/2.7

### **Product Features**

- Ability to connect up to four indoor units to a single outdoor unit
- Connects to multiple indoor unit styles: wall-mounted, 2x2 casette, and slim-ducted models
- Reduced installation space
- Long piping lengths up to 433 ft.





# Comfortable Limited Warranty\* Protection



<sup>\*</sup>Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

### Multi-Zone Indoor Units

MXS Indoor Units						
WALL-MOUNTED UNITS						
Indoor Model	CTXS07LVJU	CTXS09HVJU	CTXS12HVJU	FTXS15LVJU	FTXS18LVJU	FTXS24LVJU
Cooling Capacity (Nominal) (BTU/h)	7,000	9,000	12,000	15,000	18,000	21,500
Heating Capacity (Nominal) (BTU/h)	8,500	12,000	14,400	18,000	21,600	25,400
Liquid Piping Connection (O.D.) (in.)	Ø 1/4					
Gas Piping Connection (O.D.) (in.)	Ø 3/8	Ø 3/8	Ø 3/8	Ø 1/2	Ø 3/8	Ø 5/8
Condensate Drain (in.)	Ø 5/8	Ø 11/16	Ø 11/16	Ø 5/8	Ø 5/8	Ø 5/8
SLIM-DUCT UNITS						
Indoor Model		FDXS09LVJU	FDXS12LVJU	CDXS15LVJU	CDXS18LVJU	CDXS24LVJU
Rated Capacity Class		9,000	12,00	15,000	18,000	24,000
External Static Pressure		0.12	0.12	0.16	0.16	0.16
Liquid Piping Connection (O.D.) (in.)		Ø 1/4				
Gas Piping Connection (O.D.) (in.)		Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2	Ø 1/2
Condensate Drain (in.)		Ø 1-1/32				
2' X 2' CEILING CASSETTE UNITS						
Indoor Model		FFQ09LVJU	FFQ12LVJU	FFQ15LVJU	FFQ18LVJU	
Cooling Capacity (Nominal) (BTU/h)		9,500	12,000	15,000	18,000	
Heating Capacity (Nominal) (BTU/h)		11,100	14,000	17,500	21,500	
Liquid Piping Connection(O.D.) (in.)		Ø 1/4	Ø 1/4	Ø 1/4	Ø 1/4	
Gas Piping Connection (O.D.) (in.)		Ø 3/8	Ø 3/8	Ø 1/2	Ø 1/2	
Condensate Drain (in.)		Ø 1-1/32	Ø 1-1/32	Ø 1-1/32	Ø 1-1/32	







# Comfortable Limited Warranty\* Protection



# Product Features

### Wall-Mounted Units

- Intelligent Eye occupancy sensor
- Weekly timer for programmable comfort
- Titanium apatite photocatalytic air purification

### Slim-Duct Units

- Static capability up to 0.16" W.G.
- Compact design (71%" in height)
- Rear or bottom return

### 2' X 2' Ceiling Cassette Units

- 2, 3, or 4-way airflow pattern
- Built-in condensate pump (up to 22")
- Fresh air intake knockout

\*Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

### Overview

### **Product Features**

SkyAir is the ultimate ducted and duct freesolution for light commercial and residential whole-house applications. Ranging from 18,000 BTN/h to 42,000 BTU/h, these innovative systems provide energy efficiency, technological reliability, and installation flexibility.

- DC fan motor improves efficiency compared to conventional AC motors.
- Aero spiral fan and grille minimizes turbulence and increases sound reduction.
- Reluctance brushless DC compressor
- Long piping lengths up to 230 ft. allow layout flexibility
- Swing compressor with friction reduction and quieter rotation or scroll compressor with robust and low-sound design provides maximum durability.
- Anti-corrosion treatment on the outdoor heat exchanger



Comfortable Limited Warranty\* Protection



	INDOOR TYPE	FEATURES
	Wall-Mounted Unit FAQ / FTXS	Wall-mounted FAQ / FTXS units are compact and made with a sophisticated design to blend in discretely with any interior décor. These units feature wide-angle louvers and auto-swing functions for comfortable airflow distribution.
Ductless	DC Ducted Concealed Ceiling Unit (Medium to High Static) FBQ	DC Ducted FBQ units offer a low profile design for an easily concealed look. At less than 12" in height, these built-in systems provide a powerful solution for any small to mid-size application.
	Ceiling-Mounted Round-flow Cassette FCQ	Round-flow ceiling cassette FCQ units provide an elegant and customizable solution ideal for open plan applications. Easily cleaned with airflow flexibility, systems are a low maintenance option for all around comfort.
	Ceiling-Suspended Unit FHQ	Ceiling-suspended FHQ units have a slim and elegant design for open or structured applications. With wide air openings and an innovative stream fan, operation is quiet and comfortable throughout the entire space.
Ducted	Vertical Air-Handling Unit FTQ	Daikin's inverter ducted FTQ units are a cost-effective, space-saving alternative to traditional systems. These systems are designed for quiet operation with superior heating capabilities.

Comfortable Limited Warranty\* Protection





FAQ PERFORMANCE	1.5 Tons	2.0 Tons
Indoor Model	FAQ18PVJU	FAQ24PVJU
Outdoor Model (Cooling Only)	RZR18PVJU	RZR24PVJU
Outdoor Model Heat Pump	RZQ18PVJU9	RZQ24PVJU9
Cooling Capacity (Rated) (BTU/h)	18,000	24,000
Heating Capacity (Rated) <sup>†</sup> (BTU/h)	20,000	26,000
SEER / HSPF	18.6 / 8.7	17.6 / 9.1
EER	12.7	10.2
Power Supply (Voltage-Phase-Hz)	208/230V-1-60	208/230V-1-60
Liquid Piping Connections (O.D.) (in.)	Ø 3/8	Ø 3/8
Gas Piping Connections (O.D.) (in.)	Ø 5/8	Ø 5/8
Condensate Drain (in.)	Ø 11/16	Ø 11/16
Dimensions (H" x W" x D")	11-3/8 x 4	41-3/8 x 9
Net Weight	31	31
Max. Piping Length (ft.)	164	164
Max. Piping Height (ft.)	98	98

<sup>&</sup>lt;sup>†</sup> Applicable to heat pump models only

### **Product Features**

- Vertical auto-swing function for efficient air distribution
- Removable front panel for easy cleaning
- Mold-resistant, washable filters



Comfortable Limited Warranty\* Protection



## Indoor Wall-Mounted Units

FTXS PERFORMANCE	2.5 Tons	3.0 Tons
Indoor Model	FTXS30LVJU	FTXS36LVJU
Outdoor Model: Cooling Only	RKS30LVJU	RKS36LVJU
Outdoor Model: Heat Pump	RXS30LVJU	RXS36LVJU
Cooling Capacity (Rated) (BTU/h)	30,000	36,000
Cooling Capacity (Min–Max) (BTU/h)	10,200 – 30,000	10,200 – 36,000
Heating Capacity (Rated) <sup>†</sup> (BTU/h)	34,800	38,000
Heating Capacity (Min–Max) <sup>†</sup> (BTU/h)	10,200 – 34,000	10,200 – 38,000
SEER / HSPF	19.3 / 8.3	17.9 / 8.3
EER	10.71	8.37
Minimum Circuit Amps	19.5	19.5
Maximum Overcurrent Protection (A)	20.0	20.0
Liquid Piping Connections (O.D.) (in.)	Ø 3/8	Ø 3/8
Gas Piping Connections (O.D.) (in.)	Ø 5/8	Ø 5/8
Condensate Drain (in.)	Ø 5/8	Ø 5/8
Max. Piping Length (ft.)	98.4	98.4
Max. Piping Height (ft.)	65.6	65.6

Applicable to heat pump models only

### **Product Features**

- Vertical auto-swing function for efficient air distribution
- Removable front panel for easy cleaning
- Mold-resistant, washable filters



Comfortable Limited Warranty\* Protection





## Indoor DC Ducted Units

Nominal Tons	1.5 Tons	2.0 Tons	2.5. Tons	3.0 Tons	3.5 Tons
NOMINAL IONS	1.5 10/05	2.0 IONS	2.5. IUNS	3.0 IONS	3.5 IUNS
Indoor Model	FBQ18PVJU	FBQ24PVJU	FBQ30PVJU	FBQ36PVJU	FBQ42PVJU
Outdoor Model Cooling Only	RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
Outdoor Model Heat Pump	RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Nominal) (BTU/h)	18,000	24,000	30,000	36,000	42,000
Heating Capacity (Nominal) (BTU/h)	20,000	27,000	34,000	40,000	47,000
SEER / HSPF <sup>†</sup>	17.5 / 10.6	16.5 / 10.5	16.0 / 9.2	17.5 / 9.1	16.0 / 8.8
EER	14.1	12.0	10.5	11.2	10.2
Power Supply (Voltage-Phase-Hz)	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60
External Static Pressure ("W.G)		St	andard 0.40 (0.80- 0.2	(0)	
Liquid Piping Connections O.D.) (in.)	Ø 1/4	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
Gas Piping Connections (O.D.) (in.)	Ø 1/2	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
Condensate Drain (in.)	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4	Ø 1-1/4
Max. Piping Length (ft.)	164	164	164	230	230
Max. Piping Height (ft.)	98	98	98	164	164

<sup>&</sup>lt;sup>†</sup> Applicable to heat pump models only

### **Product Features**

- External static pressure up to 0.8" W.G.
- Three user-selected fan speeds available, plus fan "Auto" logic
- Built-in condensate pump
- Bottom access for easy service



# Comfortable Limited Warranty\* Protection



## **Indoor Round-Flow Cassette Units**

FCQ PERFORMANCE	1.5 Tons	2.0 Tons	2.5 Tons	3.0 Tons	3.5 Tons
Indoor Model	FCQ18PAVJU	FCQ24PAVJU	FCQ30PAVJU	FCQ36PAVJU	FCQ42PAVJU
Outdoor Model Cooling Only	RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
Outdoor Model Heat Pump	RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated) (BTU/h)	18,000	24,000	30,000	36,000	42,000
Heating Capacity (Rated) <sup>†</sup> (BTU/h)	20,000	27,000	34,000	40,000	47,000
SEER / HSPF <sup>†</sup>	17.2 / 10.1	16.8 / 9.7	15.8 / 9.7	17.5 / 8.4	16.0 / 8.5
EER	13.9	12.0	10.2	11.2	10.2
Power Supply (Voltage-Phase-Hz)	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60
Liquid Piping Connections (O.D.) (in.)	Ø 1/4	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
Gas Piping Connections (O.D.) (in.)	Ø 1/2	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
Condensate Drain (in.)	Ø 1-1/4				
Max. Piping Length (ft.)	164	164	164	230	230
Max. Piping Height (ft.)	98	98	98	164	164

<sup>&</sup>lt;sup>†</sup> Applicable to heat pump models only

### **Product Features**

- 23 configurable airflow patterns for ideal airflow distribution
- 360° airflow reduces draft
- Stain-resistant decorative panel allows for easy cleaning.



Comfortable Limited Warranty\* Protection





## **Indoor Ceiling Suspended Units**

FHQ PERFORMANCE	1.5 Tons	2.0 Tons	2.5. Tons	3.0 Tons	3.5 Tons
Indoor Model	FHQ18PVJU	FHQ24PVJU	FHQ30PVJU	FHQ36MVJU	FHQ42MVJU
Outdoor Model Cooling Only	RZR18PVJU	RZR24PVJU	RZR30PVJU	RZR36PVJU	RZR42PVJU
Outdoor Model Heat Pump	RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated) (BTU/h)	18,000	24,000	30,000	36,000	40,500
Heating Capacity (Rated) <sup>†</sup> (BTU/h)	20,000	27,000	34,000	37,500	39,500
SEER / HSPF <sup>†</sup>	18.0 / 11.1	18.1 / 11.1	18.1 / 10.0	17.2 / 8.4	13.8 / 8.2
EER	14.0	12.6	10.5	10.2	9.5
Power Supply (Voltage-Phase-Hz)	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60
Liquid Piping Connections (O.D.) (in.)	Ø 3/8				
Gas Piping Connections (O.D.) (in.)	Ø 5/8				
Condensate Drain (in.)	Ø 1	Ø 1	Ø 1	Ø 1	Ø 1
Max. Piping Length (ft.)	164	164	164	230	230
Max. Piping Height (ft.)	98	98	98	164	164

<sup>&</sup>lt;sup>†</sup> Applicable to heat pump models only

### **Product Features**

- Auto-swing capability with 100° airflow pattern
- Lateral servicing space allows installation in corners, narrow spaces, walls and ceilings.
- Innovative stream fan technology



Branch Port Units Compatibility Table						
COMPATIBILITY	2MXS18	3MXS24	4MXS32	RMXS48		
CTXS09HVJU	Х	X	Х	Х		
CTXS12HVJU	Х	X	Х	X		
FTXS15LVJU		X	Х	X		
FTXS18LVJU		X	X	X		
FTXS24LVJU		X	Х	Х		
FDXS09LVJU				Х		
FDXS12LVJU	Х	Х	Х	Х		

BRANCH PORT UNITS COMPATIBILITY TABLE						
COMPATIBILITY	2MXS18	3MXS24	4MXS32	RMXS48		
CDXS15LVJU		Х	Х	Х		
CDXS18LVJU		X	X	Х		
CDXS24LVJU		Х	Х	Х		
FFQ09LVJU				Х		
FFQ12LVJU	Χ	Х	Х	Х		
FFQ15LVJU	·	Х	Х	Х		
FFQ18LVJU		X	X	X		

# Comfortable Limited Warranty\* Protection



<sup>\*</sup>Complete warranty details available from your local dealer or at www.daikincomfort.com.

## Indoor Air Handler Units

Nominal Tons	1.5 Tons	2.0 Tons	2.5. Tons	3.0 Tons	3.5 Tons
Indoor Model	FTQ18PBVJU	FTQ24PBVJU	FTQ30PBVJU	FTQ36PBVJU	FTQ42PBVJU
Outdoor Model	RZQ18PVJU9	RZQ24PVJU9	RZQ30PVJU9	RZQ36PVJU9	RZQ42PVJU9
Cooling Capacity (Rated) (BTU/h)	18,000	24,000	30,000	36.000	40.000
Cooling Capacity (Min–Max) (BTU/h)	9,000 – 18,000	9,000 – 24,000	12,000 – 30,000	12,000 – 36,000	12,000 – 42,000
Heating Capacity (Rated) <sup>†</sup> (BTU/h)	20,000	27,000	34,000	40,000	47,000
Heating Capacity (Min–Max) <sup>†</sup> (BTU/h)	9,000 – 20,000	9,000 – 27,000	12,000 – 34,000	12,000 – 40,000	12,000 – 47,000
SEER / HSPF <sup>†</sup>	20.0 / 12.0	19.0 / 11.5	19.5 / 10.0	18.0 / 9.5	17.0 / 9.0
COP / EER	4.0 / 14.5	3.8 / 13.5	3.7 / 19.5	3.6 / 12.5	3.2 / 12.0
Power Supply (Voltage-Phase-Hz)	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60	208/230V-1-60
External Static Pressure ("W.G.)			Up to 0.50		
Liquid Piping Connections (O.D.) (in.)	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8	Ø 3/8
Gas Piping Connections (O.D.) (in.)	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8	Ø 5/8
Condensate Drain (in.)	Ø1	Ø1	Ø1	Ø1	Ø1
Max. Piping Length (ft.)	98.0	98.0		230.0	
Max. Piping Height (ft.)	98.0	98.0		164.0	

Applicable to heat pump models only



### Product Features

- Low ambient heat operation down to-4°F
- Upflow or horizontal right configurations
- Field-installed electric heat options available from 3kW to 15 kW



RMXS48LVJU requires at least one branch port unit. Two sizes available, 2-port and 3-port. Refer to installation manual for full refrigerant piping lengths and requirements.

Comfortable Limited Warranty\* Protection





# **Ductless Systems**

Ітем #	ITEM DESCRIPTION			
CONTROLLER OPTIONS				
BRC7F830	Wireless Remote Control Kit			
BRC944B2-A08	Wired Remote Controller- Kit Reference- see next 3 items			
BRC944B2	Wired Controller- Part 1 of BRC944B2-A08 Kit			
BRCW901A08	Wired Controller Cord- Part 2 of BRC944B2-A08 Kit			
KRP980B1	Interface Adaptor for BRC944B2-A08 Kit- Part 3 (Required for the 09.12			
DACA- BRCW901P10	KEVJU)  Remote Controller Cable, Plenum Rated, 10ft			
DACA- BRCW901P25	Remote Controller Cable, Plenum Rated, 25ft			
DACA-TS1-1	Daikin ENVi Intelligent Thermostat Kit			
FILTER REPLACEMENTS	Dunin Envincembent memosatric			
KAF918A44	Air purifying filter with photocatalytic deodorizing filter without frame			
KAF952B42	Air purifying filter with photocatalytic deodorizing filter without frame			
KAF974B42S	Titanium Apatite Photocatalytic Air Purifying Filter Set			
MINI-SPLIT PADS - PLASTI				
EL1838-3	Elite Plastic Pad 18x38x3			
EL2436-3	Elite Plastic Pad 24x36x3			
	LITE - CONCRETE BASED PAD			
UC1636-2	Ultralite Pad 16x36x2			
UC2436-2	Ultralite Pad 24x36x2			
UC2436-3	Ultralite Pad 16x36x3			
UC2436-3	Ultralite Pad 24x36x3			
MINI-SPLIT PADS - FLORIC	DA MARKET			
UC1636-2	N FL Hurricane Pad 18x40x4- 150MPH Zone			
UC2436-2	N FL Hurricane Pad 24x36x4- 150MPH Zone			
UC2436-3	S FL Hurricane Pad 18x40x4- 175MPH Zone			
UC2436-3	S FL Hurricane Pad 24x36x4- 175MPH Zone			
Installation Tools				
DACA-FSG-1	Flare Size Gauge			
DACA-RBTC-1	Replacement Tubing Cutter Blade			
TLTWSM	Torque Wrench Kit w/Lever-METRIC-			
TLTWSAE	Torque Wrench Kit w/Lever- SAE			
TLB410AD	Daikin Custom Tool Kit- 22Pcs + Tool Bag			
MT2H7P5	R410a Gauges w/ball valve			
FT800FN	Flaring Tool- Clutch Type Eccentric			
TLDB	Deburring Tool- Replaces- DACA-DT-1			
TCT274	HD Tubing Cutter- 1/8 to 1-3/8			
AD87	Straight Adapter 5/16 flare to a 1/4 flare			
AD87S	Angled Adapter 55deg 5/16 flare to 1/4 flare			
TLVCS410	Valve Core Remover / Installer Tool w/Side Port			
LSFNUT14	Lineset 45Deg Flare Nut- 1/4- Pkg 10			
LSFNUT38	Lineset 45Deg Flare Nut- 3/8- Pkg 10			
LSFNUT12	Lineset 45Deg Flare Nut- 1/2- Pkg 10			
LSFNUT58	Lineset 45Deg Flare Nut- 5/8- Pkg 10			

LINE SETS						
MODEL NUMBER	SIZE (IN.)	LENGTH (FT.)	Insulation (in.)			
LS14381210DMSF	1/4 x 3/8	10	1/2			
LS14381215DMSF	1/4 x 3/8	15	1/2			
LS14381230DMSF	1/4 x 3/8	30	1/2			
LS14381250DMSF	1/4 x 3/8	50	1/2			
LS14381265DMSF	1/4 x 3/8	65	1/2			
LS143812100DMSF	1/4 x 3/8	100	1/2			
LS14121210DMSF	1/4 x 1/2	10	1/2			
LS14121215DMSF	1/4 x 1/2	15	1/2			
LS14121230DMSF	1/4 x 1/2	30	1/2			
LS14121250DMSF	1/4 x 1/2	50	1/2			
LS14121265DMSF	1/4 x 1/2	65	1/2			
LS141212100DMSF	1/4 x 1/2	100	1/2			
LS14581210DMSF	1/4 x 5/8	10	1/2			
LS14581215DMSF	1/4 x 5/8	15	1/2			
LS14581230DMSF	1/4 x 5/8	30	1/2			
LS14581250DMSF	1/4 x 5/8	50	1/2			
LS14581265DMSF	1/4 x 5/8	65	1/2			
LS145812100DMSF	1/4 x 5/8	100	1/2			









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