



Enjoy whole-home comfort with a **Goodman®** brand ductless heat pump or air conditioner.

Did you know that you could heat and cool your whole house with a ductless (also called mini-split) heat pump? Ductless solutions are versatile and minimal in design, creating opportunities for personalized heating and cooling solutions.

19 SERIES Models

The 19 Series is available as an air conditioner or heat pump model. Affordable and convenient, Goodman ductless systems offer quiet operation that will help enhance every day comfort.



ONCE YOU CHOOSE THE GOODMAN® BRAND, YOU'LL PROBABLY BE A FAN FOR LIFE.

Millions across North America are big fans already.

Once you choose a Goodman brand, you'll probably be a big fan, too!

See why others are saying, "Thank Goodness for Goodman®."

For complete information on the Goodman brand, be certain to contact: your local distribution branches.

Goodman brand ductless available at the at the following Goodman Distribution branches:



CCN Central Region

Ottawa Branch
P: 613-745-3846
TFN: 1-866-876-2927

Vaughan Branch
P: 905-760-2737
TFN: 1-877-780-3316

Brantford Branch
P: 519-757-0965
TFN: 1-888-764-7740

Hamilton Branch
P: 905-573-6565
TFN: 1-844-251-6565

Mississauga Branch
P: 905-564-9791
TFN: 1-866-797-4756

Pickering Branch
P: 905-420-4001
TFN: 1-866-374-8844

London Branch
P: 519-453-1200
TFN: 1-888-770-5535

Barrie Branch
P: 705-242-6643
TFN: 1-833-252-7733

Markham Branch
P: 289-859-7612
TFN: 1-866-605-1894

WCN Western Region

Burnaby Branch
P: 778-358-7486
TFN: 1-888-420-1331

Edmonton Branch
P: 780-443-3072
TFN: 1-855-443-3072

Saskatoon Branch
P: 306-651-7350
TFN: 1-888-651-7350

Winnipeg Branch
P: 204-633-9133
TFN: 1-855-779-0177

Nanaimo Branch
P: 778-744-4025
TFN: 1-877-785-6625

Calgary Branch
P: 403-250-6579
TFN: 1-866-950-6579



* Complete warranty details available from your local dealer or Goodman branches

Extended service plans available

For even greater peace of mind contact your Goodman Distribution branch for more details on Prime, an affordable Parts and/or Labor Extended Service Plan for your Goodman brand HVAC system coverage.



GOODMAN – A MEMBER OF DAIKIN GROUP

Daikin Industries, Ltd. (DIL) is a global Fortune 1000 company. It is a worldwide leader for residential and commercial HVAC. DIL is engaged primarily in the development, manufacture, sale, and aftermarket support of heating, ventilation, air conditioning and refrigeration equipment, refrigerants and other chemicals, as well as oil hydraulic products. DIL is headquartered in Osaka, Japan.

The company provides innovative, premium quality indoor climate management solutions to meet the changing needs of residential, commercial, and industrial customers.



Our continuing commitment to quality products may mean a change in specifications without notice. © 2021 Goodman Manufacturing Company, L.P. www.goodmanmfg.com

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HEAT PUMP AND AIR CONDITIONER SINGLE AND MULTI-ZONE

UP TO 19 SEASONAL ENERGY-EFFICIENCY RATING WITH INVERTER TECHNOLOGY

AMBIENT OPERATING TEMPERATURE -15° C TO 50° C



Air Conditioning & Heating



Thank goodness for Goodman®













Goodman® is one of the biggest names in home cooling, heating and energy-efficient home comfort.

So, no matter where you live or whether your home is small or large, Goodman probably has a solution to help keep your home comfortable.

Energy-Efficient

Goodman branded units are built with the variable-speed Inverter technology to gradually regulate indoor temperatures that may help to provide efficient and even temperature control all year long. They are an energy efficient and flexible solution to help regain control of your indoor comfort and help address a variety of heating and cooling challenges. With duct work not required, the conditioned air is delivered to you directly.

		19 Series
	Cold Catalyst Filter – Absorbs harmful particles like formaldehyde and ammonia	●
	TURBO Turbo Mode – Helps to increase the heat pump's capacity to achieve desired temperature quickly	●
	Quiet Mode – Non-intrusive operation of the indoor unit by removing sounds and display	●
	Follow Me – Improved accuracy may be obtained by making your heat pump's remote act as the sensor. (Available on HP models only)	●
	Aluminum heat exchanger with hydrophilic coating – The unit's heat exchanger will not allow mold or bacteria to form by helping to remove water drops.	●
	Anti-Cold – Preheat mode preheats indoor air for increased comfort	●
	Refrigerant Leakage Detection – Indoor unit has the ability to notify homeowner if there is a leak in the system.	●
	Louver Memory – Remembers your previous louver position, so you get the same louver angle consistently	●
	Auto-Restart – Equipped with auto-restart after a power loss	●
	1W Standby – This intelligent on-off technology enables the ductless units to automatically enter energy-saving mode when on standby, cut energy consumption from the normal 5W to 1W.	●



19 SERIES | SINGLE ZONE AIR CONDITIONER

ENERGY-EFFICIENCY RATING UP TO 19 SEER
 AMBIENT OPERATING TEMPERATURE -15° C to 50° C

INDOOR		MSC093E19AXAA	MSC121E19AXAA	MSC123E19AXAA	MSC183E19AXAA	MSC243E19AXAA	
OUTDOOR		MSC093E19MCAA	MSC121E19MCAA	MSC123E19MCAA	MSC183E19MCAA	MSC243E19MCAA	
Cooling	Capacity	Btu/h	9,000	12,000	11,500	17,000	22,000
	Input	W	812	1,200	1,037	1,533	1,960
	Rated Current	A	3.53	10.43	4.5	6.7	9.0
	EER	Btu/w	11.0	10.0	11.0	10.8	10.9
	SEER		19	16.5	19	20	19
Electricity	Minimum Circuit Ampacity	A	10	15	11	15	18
	Max Fuse		15	20	15	20	25
	Power Supply	V-Hz-Ph	208-230V-60Hz, 1Ph	115V-60Hz, 1Ph	208-230V-60Hz, 1Ph	208-230V-60Hz, 1Ph	208-230V-60Hz, 1Ph
Air Flow (High / Med / Low)	Indoor	CFM	14/4 Stranded, Unshielded	14AWG/4	14/4 Stranded, Unshielded	14/4 Stranded, Unshielded	14/4 Stranded, Unshielded
	Outdoor		242 / 206 / 147	236 / 206 / 147	242 / 206 / 147	530 / 442 / 353	582 / 457 / 331
Sound Level (High / Med / Low)	Indoor	dB(A)	1,230	1,147	1,230	1,195	1,824
	Outdoor		38 / 32 / 26.5	38.5 / 33 / 24.5	37.5 / 34.5 / 24.5	42 / 34.5 / 30.5	46 / 40.5 / 34.0
Dimensions (W x D x H)	Indoor	in	51.0	51.5	51.5	53.5	57.0
	Outdoor		28.4 x 7.36 x 11.3	31.6 x 7.5 x 11.7	31.6 x 7.5 x 11.7	38 x 8.5 x 12.6	42.5 x 8.9 x 13.2
Refrigerant	Type	oz	30.3 x 11.8 x 21.85	30.3 x 11.8 x 21.85	30.3 x 11.8 x 21.85	30.3 x 11.8 x 21.85	33.3 x 14.3 x 27.7
	Precharge	ft	R410A / 17.6	R410A / 20.8	R410A / 18.7	R410A / 31.7	R410A / 40.9
	Additional Charge Per Feet	oz	20	20	20	20	30
Piping	Liquid Side / Gas Side	in	0.21	0.21	0.21	0.21	0.322
	Max Pipe Length	ft	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"
	Max Difference In Level		82	82	98	98	98
Controls	Remote Control						
Ambient Operation Temperature	Indoor	° C	17 – 32				
	Outdoor		-15 – 50				



19 SERIES | SINGLE ZONE HEAT PUMP

ENERGY-EFFICIENCY RATING UP TO 19 SEER
 AMBIENT OPERATING TEMPERATURE -15° C to 50° C

INDOOR UNIT		MSH123E19AXAA	MSH183E19AXAA	MSH243E19AXAA	MSH303E19AXAA	MSH363E19AXAA	
OUTDOOR UNIT		MSH123E19MCAA	MSH183E19MCAA	MSH243E19MCAA	MSH303E19MCAA	MSH363E19MCAA	
Cooling	Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000
	Input	W	1,065	1,645	2,500	2,857	4,235
	Rated Current	A	4.5	7.35	11.0	12.5	18.5
	COP	Btu/w	11	11	9.5	10.5	8.5
	SEER		19.0	19.0	17.0	18.0	16.0
Heating	Capacity	Btu/w	12,000	18,000	24,000	30,000	36,000
	Input	W	1,025	1,700	2,200	3,110	3,835
	Rated Current	A	4.3	7.4	9.6	13.5	16.7
	COP	W/W	3.43	3.1	3.2	2.83	2.75
	HSPF4	Btu/w	9.5	10.0	9.5	9.6	10
Electricity	HSPF5		8.0	8.0	8.0	8.1	8.4
	Minimum Circuit Ampacity	A	15	15	20	20	25
Power Supply	Max Fuse		15	20	25	30	35
	Wiring	V-Hz-Ph	208-230V-60Hz, 1Ph				
Air Flow (High / Med / Low)	Indoor	CFM	14AWG*4 Stranded, Unshielded				
	Outdoor		324 / 282 / 212	449 / 393 / 262	706 / 588 / 450	795 / 618 / 471	853 / 647 / 471
Sound Level (High / Med / Low)	Indoor	dB(A)	1,176	1,167	1,823	2,530	2,943
	Outdoor		38 x 32 x 24	43 / 35 / 30.5	48 / 42.5 / 34	52 / 44 / 35	52 / 44 / 36
Dimensions (W x D x H)	Indoor	in	55.0	57.5	58.0	62.0	63.0
	Outdoor		31.6 x 7.5 x 11.7	38 x 8.5 x 12.6	42.5 x 9 x 13.2	49.6 x 11.1 x 14.25	49.6 x 11.1 x 14.25
Refrigerant	Type	oz	31.5 x 13.1 x 21.8	31.5 x 13.1 x 21.8	33.3 x 14.3 x 27.7	37.25 x 16.25 x 32	37.25 x 16.25 x 32
	Precharge	ft	R410A / 29.6	R410A / 44.1	R410A / 62.79	R410A / 97.0	R410A / 119.9
	Additional Charge Per Feet	oz	25	25	0.322	0.322	0.322
Piping	Liquid Side / Gas Side	in	0.161	0.161	0.322	0.322	0.322
	Max Pipe Length	ft	1/4" / 1/2"	1/4" / 1/2"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"
	Max Difference In Level		82	98	98	164	213
Controls	Remote Control						
Ambient Operation Temperature	Indoor	° C	17 – 32 Cooling / 0 – 30 Heating				
	Outdoor		-15 – 50 Cooling / -15 – 30 Heating				
Design Pressure	PSIG 550 / 340						

