GREE CANADA

MULTI-ZONE SYSTEM

FREE MATCH M R32



Enjoy efficient whole-house comfort with highly versatile multi-zone systems that can meet the comfort needs of everyone and every room in your home. The **FREE MATCH M R32** series provides both cooling and heating in no fewer than five separate zones independently.

48°C
SEER 2
21.0
EER 2
12.0
-30°C

24°C
HSPF
10.0
COP (AT 8°C)
3.90
-30°C

- G20 Inverter Technology
- Can Power Up To 6 Indoor Units
- Multipoint Diagnostics
- Automatic Restart in the Event of a Power Failure
- Compact and Silent Design
- Coil (Outdoor): Copper Tube and Aluminum Fins with Anti-corrosion Coating (Gold Fins / 1500-hour Salt-water Spray)
- Coil (Indoor): Copper Tube and Aluminum Fins with Anti-corrosion Coating (Blue Fins / 500-hour Salt-water Spray)
- Environmentally-friendly R32 Refrigerant

R32 INVERTER AHRI CERTIFIED www.ahridirectory.org ENERGY STAR Intertek

GREE HEAT PUMPS...

TOWARDS ZERO EMISSIONS!



Condensing Unit
18,000 BTU/h



Condensing Unit
24,000 BTU/h



Condensing Unit 30,000,
36,000, 42,000, 48,000 BTU/h



Condensing Unit
60,000 BTU/h

FREE MATCH M R32			18000	18000(P)	24000	30000	36000	36000(C)	42000	48000	60000
Outdoor Unit:			GWHD(18) ND6M0	GWHD(18) ND6P0	GWHD(24) ND6M0	GWHD(30) ND6M0	GWHD(36) ND6M0	GWHD(36) ND6C0	GWHD(42) ND6M0	GWHD(48) ND6M0	GWHD(60) ND6M0
AHRI Reference Code:	• w/ duct:		214931586	217334304	214931587	214931588	214931589	218457873	214931590	216573051	217901604
	• w/o duct:		214931591	217334305	214931593	214931594	214931595	218457874	214931596	216573052	218083084
	• mixed:		214931592	217334306	214931597	214931598	214931599	218457875	214931600	216573053	218083085
Connectable Indoor Units		/	2	2 to 3	2 to 3	2 to 4	2 to 4	2 to 5	2 to 5	2 to 5	2 to 6
Power Supply		V/Hz/Ph	208-230 / 60 / 1								
SYSTEM PERFORMANCES (W/O DUCT)											
Rated Capacity	Cooling	BTU/h	18,000	18,000	24,000	28,400	36,000	36,000	42,000	48,000	55,000
	Heating	BTU/h	18,000	18,000	24,000	30,000	36,000	36,000	42,000	48,000	55,000
SEER 2		BTU/W*h	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
EER 2		BTU/W*h	12.0	11.5	13.3	13.6	12.0	12.0	13.0	12.0	11.7
HSPF 2		BTU/W*h	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
COP at 8 °C (47 °F)		/	3.90	3.90	3.90	4.19	3.56	3.56	3.90	3.60	3.75
SYSTEM PERFORMANCES (W/ DUCT)											
Rated Capacity	Cooling	BTU/h	18,000	18,000	24,000	28,400	36,000	36,000	42,000	48,000	55,000
	Heating	BTU/h	18,000	18,000	24,000	30,000	36,000	36,000	42,000	48,000	55,000
SEER 2		BTU/W*h	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	19.0
EER 2		BTU/W*h	11.7	11.0	12.0	12.0	11.7	11.7	12.0	11.7	11.7
HSPF 2		BTU/W*h	8.5	8.1	8.5	8.7	8.5	8.1	8.5	8.5	8.0
COP at 8 °C (47 °F)		/	3.60	3.50	3.60	3.80	3.40	3.40	3.70	3.40	3.60
SYSTEM PERFORMANCES (MIXED)											
Rated Capacity	Cooling	BTU/h	18,000	18,000	24,000	28,400	36,000	36,000	42,000	48,000	55,000
	Heating	BTU/h	18,000	18,000	24,000	30,000	36,000	36,000	42,000	48,000	55,000
SEER 2		BTU/W*h	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	20.0
EER 2		BTU/W*h	11.8	11.1	12.2	12.2	11.8	11.8	12.2	11.7	11.8
HSPF 2		BTU/W*h	9.3	9.0	9.3	9.5	9.2	9.0	9.2	9.2	9.0
COP at 8 °C (47 °F)		/	3.60	3.70	3.60	3.80	3.40	3.40	3.70	3.40	3.70
OUTDOOR UNIT SPECIFICATIONS											
Ambient Temperature	Cooling	C° (F°)	-30 to 48 (-22 to 118)								
	Heating	C° (F°)	-30 to 24 (-22 to 75)								
Sound Pressure Level		dB(A)	54	51	58	62	63	63	63	63	59
Minimum Circuit Ampacity (MCA)		A	18.5	14.5	19.5	23	29	29	30	35	37.5
Maximum Overcurrent Protection (MOP)		A	20	20	25	35	35	35	45	45	40
Dimensions	Length	mm (in)	822 (32-23/64)	822 (32-23/64)	964 (37-61/64)	1020 (40-5/32)	1020 (40-5/32)	1020 (40-5/32)	1020 (40-5/32)	1020 (40-5/32)	987 (38-55/64)
	Height	mm (in)	550 (21-21/32)	550 (21-21/32)	660 (25-63/64)	826 (32-33/64)	826 (32-33/64)	826 (32-33/64)	826 (32-33/64)	826 (32-33/64)	1264 (49-49/64)
	Depth	mm (in)	352 (13-55/64)	352 (13-55/64)	406 (15-53/64)	427 (16-13/16)	427 (16-13/16)	427 (16-13/16)	427 (16-13/16)	427 (16-13/16)	412 (16-7/32)
Weight	Net	kg (lb)	34.0 (75.0)	36.0 (79.4)	51.0 (112.5)	66.0 (145.5)	80.0 (176.4)	80.0 (176.4)	80.0 (176.4)	81.0 (178.6)	102.0 (224.9)
	Gross	kg (lb)	37.0 (81.6)	38.5 (84.9)	55.5 (122.4)	73.0 (161.0)	86.0 (189.6)	86.0 (189.6)	86.0 (189.6)	87.0 (191.8)	114.0 (251.4)
REFRIGERATION SYSTEM											
Suction Line Size		mm (in)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)	ø 9.52 (3/8)
Liquid Line Size		mm (in)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)	ø 6.35 (1/4)
Maximum Pipe Length		m (ft)	40 (131.2)	40 (131.2)	60 (196.9)	80 (262.5)	80 (262.5)	80 (262.5)	100 (328.1)	100 (328.1)	120 (393.7)
Pipe Length to Farthest Indoor Unit		m (ft)	20 (65.6)	20 (65.6)	20 (65.6)	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)
Maximum Pipe Elevation		m (ft)	15 (49.2)	15 (49.2)	15 (49.2)	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)	25 (82.0)
Refrigerant Type / Charge		kg (oz)	R32 / 0.9 (31.8)	R32 / 0.9 (31.8)	R32 / 1.7 (59.98)	R32 / 2.2 (77.62)	R32 / 2.7 (95.24)	R32 / 2.7 (95.24)	R32 / 2.7 (95.24)	R32 / 2.7 (95.24)	R32 / 3.2 (112.9)

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