

MULTI ZONE+

IT ALL FITS TOGETHER
FOR COMFORT



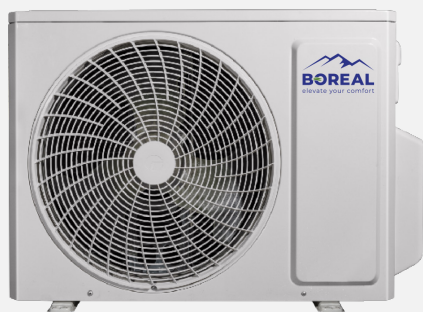
HIGH EFFICIENCY, UP TO
21 SEER2 / 10 HSPF2



COOLING RANGE:
-22°F - 118°F
HEATING RANGE:
-22°F - 75°F



SMALL
"FOOT PRINT" DESIGN



- G10 inverter technology
- High efficiency, up to 21 SEER2 / 10 HSPF2
- Sound levels down to 53 dB(A) on outdoor unit
- Cooling range: -22°F - 118°F
- Heating range: -22°F - 75°F
- Self-diagnosis
- Indoor units powered by outdoor unit.
- Intelligent defrost
- All Indoor units are WiFi capable
- Automatic voltage adaptation
- Small "Foot Print" design

MULTI GEN2		MBRS18HPJ1OE	MBRS24HPJ1OE	MBRS30HPJ1OE	MBRS36HPJ1OE	MBRS42HPJ1OE
System Type		HEAT PUMP				
Number of Zones		2	2 - 3	2 - 4	2 - 4	2 - 5
SYSTEM PERFORMANCE (Non-Ducted Indoor Units)						
Cooling Capacity (Min-Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	284000 (8190 - 34100)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min-Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	30000 (8190 - 40900)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		21 / 12	21 / 12.5	21 / 12.5	21 / 12	21 / 12
HSPF2 / COP		10 / 3.8	10 / 3.9	10 / 3.9	10 / 3.6	10 / 3.9
Energy Star®		YES	YES	YES	YES	YES
SYSTEM PERFORMANCE (Ducted Indoor Units)						
Cooling Capacity (Min-Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	284000 (8190 - 34100)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min-Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	30000 (8190 - 40900)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		16 / 11	16 / 11	16 / 11	16 / 11	16 / 11
HSPF2 / COP		8 / 3.3	8 / 3.4	8 / 3.4	8 / 3.3	8 / 3.5
Energy Star®		NO	NO	NO	NO	NO
SYSTEM PERFORMANCE (Mixed Ducted and Non-Ducted Indoor Units)						
Cooling Capacity (Min - Max)	Btu/h	17000 (7000 - 19600)	23200 (7500 - 31400)	284000 (8190 - 34100)	34000 (8871 - 35826)	36000 (8871 - 40944)
Heating Capacity (Min - Max)	Btu/h	18000 (7000 - 19600)	24000 (7500 - 31400)	30000 (8190 - 40900)	36000 (8871 - 44356)	40000 (8871 - 46062)
SEER2 / EER2		18.5 / 11.5	18.5 / 11.8	18.5 / 11.8	18.5 / 11.5	18.5 / 11.5
HSPF2 / COP		9 / 3.6	9 / 3.7	9 / 3.7	9 / 3.5	9 / 3.7
Energy Star®		NO	YES	YES	NO	NO
OUTDOOR UNIT DATA		MBRS18HPJ1OE	MBRS24HPJ1OE	MBRS30HPJ1OE	MBRS36HPJ1OE	MBRS42HPJ1OE
Cooling Temperature Range	°F	-22 - 118	-22 - 118	-22 - 118	-22 - 118	-22 - 118
Heating Temperature Range	°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type		R410A				
Compressor Type		G-10 / 2 - STAGE INVERTER				
Sound Pressure Level	dB(A)	53	58	63	63	63
External Dimensions (W x H x D)	in	32-3/8 x 21-11/16 x 13-7/8	38 x 26 x 15-7/8	40-3/16 x 32-9/16 x 16-13/16	40-3/16 x 32-9/16 x 16-13/16	40-3/16 x 32-9/16 x 16-13/16
Package Dimension (W x H x D)	in	34-3/8 x 24-7/16 x 15-11/16	40-5/8 x 29 x 18	43 x 34-7/8 x 19-5/8	43 x 34-7/8 x 19-5/8	43 x 34-7/8 x 19-5/8
Weight (Net / Gross)	lbs	77.2 / 82.7	114.6 / 124.6	152.1 / 167.6	172.0 / 187.4	174.2 / 189.6
REFRIGERANT PIPING						
Refrigerant Charge - R410A	oz	45.9	84.6	105.8	130.5	134
Additional Charge	oz/ft	0.2	0.2	0.2	0.2	0.2
Port Size (Liquid - Gas)	Port A (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port B (in)	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port C (in)		1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port D (in)			1/4 - 3/8	1/4 - 3/8	1/4 - 3/8
	Port E (in)					1/4 - 3/8
Pre-Charge Length	ft	33	98	131	131	164
Pipe Length (Min - Max)	ft	10 - 131	10 - 197	10 - 263	10 - 263	10 - 328
Pipe Length to furthest Indoor Unit	ft	66	66	82	82	82
Max. Pipe Elevation	ft	49	49	82	82	82
ELECTRICAL						
Power Supply		208-230V / 1Ph / 60Hz				
Voltage Range (Min - Max)	VAC	187 - 253				
Rated Current - Cooling	A	10	15	22	23	23
Rated Current - Heating	A	10	15	22	23	23
MCA	A	15	19	23	29	29
MOCP	A	20	25	35	45	45
Main Power Wire Size	AWG	Per Local Code				
Interconnecting Wire Size	AWG	14 / 4				
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor – Residential & Commercial				



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