

**Job Name:** \_\_\_\_\_  
**Location:** \_\_\_\_\_  
**Engineer:** \_\_\_\_\_  
**Submitted to:** \_\_\_\_\_  
**Submitted by:** \_\_\_\_\_  
**Reference:** \_\_\_\_\_

**Date:** \_\_\_\_\_  
**Approval:** \_\_\_\_\_  
**Construction:** \_\_\_\_\_  
**Unit #:** \_\_\_\_\_  
**Drawing #:** \_\_\_\_\_



### KEY FEATURES:

- Up to 6 Zone
- Inverter Technology
- HIGH-FREQUENCY RACER TECHNOLOGY: Enables the compressor to reach maximum speed within 6 seconds on start up.
- HIGH-EFFICIENCY PIPES: 54 teeth to increase heat exchange.
- INTELLIGENT DUSTING SWITCH: Reverses the fan to clean dust, sand, and other debris from the coil.
- The Cooper&Hunter standard warranty offers seven years on the compressor and five years on parts.

Cooling Capacity	Heating Capacity	SEER2	EER2	COP
Btu/h	Btu/h	22	10	3.7
60,000(19,000~62,000)	60,000(20,000~60,000)			

*\*Please note: for Ductless solutions, these values are represented with Outdoor Units combined with Indoor Wall Mounted Mini Split units. Values will vary with depending on the combination of Outdoor/Indoor models used.*

## SPECIFICATIONS:

Outdoor Model			CH-R60MES-230VO	
Power Supply	Rated	V, Ph, Hz	208-230V, 1Ph, 60Hz	
Cooling	Rated Capacity (range)		Btu/h	
			60,000(19,000~62,000)	
Heating	Rated Capacity (range)		Btu/h	
	HSPF4		9.5	
	HSPF5		7.4	
Minimum Circuit Ampacity (MCA)		A	36	
Max. Fuse		A	40	
Rated current (RLA)		A	26.2(9~26.2)	
Compressor	Model		KTQ420D1UMU	
	Type		ROTARY	
	Brand		GMCC	
	RLA		A	25
	Input		w	3,700
	Refrigerant oil		oz	VG74 47.3
Outdoor fan motor	Qty		2	
	Input		w	126
	RLA		A	2.5
Outdoor air flow (Max)		CFM	4,502.8	
Outdoor noise level (Max)		dB(A)	65	
Outdoor unit	Dimensions (WxDxH)		in	37.48 x 16.34 x 52.48
	Packing (WxDxH)		in	43.11 x 19.49 x 58.27
	Net/Gross weight		in	237.88/270.28
Refrigerant	Type/Quantity		oz	R454B
	Precharge		ft	150
	Additional Charge (liquid pipe)		oz	151.68
Design pressure		PSIG	550/340	
Refrigerant piping	Liquid side/Gas side		in	6x1/4" - 4x3/8"+2x1/2"
	Max. length for all indoor units		ft	262.4
	Max. length for one indoor unit		ft	114.8
	Max. height difference between indoor and outdoor		ft	49.2
	Max. height difference between indoor units		ft	33
Ambient temperature	Cooling		F	-13~122
	Heating		F	-13~75

