

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

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



### KEY FEATURES:

- Up to 3• 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.
- The Cooper&Hunter standard warranty offers seven years on the compressor and five years

Cooling Capacity		Heating Capacity	SEER2	EER2	COP
Btu/h	Btu/h	Btu/h			
18,000(5,400~24,000)	19,000(5,700~22,000)		20	12	3.8

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

## SPECIFICATIONS:

Outdoor Model			CH-R18MES-230VO
Power Supply	Rated	V, Ph, Hz	208-230V, 1Ph, 60Hz
Cooling	Rated Capacity (range)		Btu/h
			18,000(5,400~24,000)
Heating	Rated Capacity (range)		Btu/h
	HSPF4		10
	HSPF5		7.8
Minimum Circuit Ampacity (MCA)		A	16
Max. Fuse		A	20
Rated current (RLA)		A	8(3.5~9.5)
Compressor	Model		KTN150D30UFZA
	Type		Twin-ROTARY
	Brand		GMCC
	RLA	A	8.2
	Input	w	1,250
	Refrigerant oil	oz	VG74 15.2
Outdoor fan motor	Qty		1
	Input	w	80
	RLA	A	1
Outdoor air flow (Max)		CFM	1,765.8
Outdoor noise level (Max)		dB(A)	59
Outdoor unit	Dimensions (WxDxH)		in
			35.04 x 13.46 x 26.50
	Packing (WxDxH)		in
			40.55 x 17.24 x 29.53
Net/Gross weight		lbs	100.53/109.35
Refrigerant	Type/Quantity		oz
			R454B
	Precharge	ft	75
Additional Charge (liquid pipe)		oz	61.73
Design pressure		PSIG	550/340
Refrigerant piping	Liquid side/Gas side		in
			3x1/4"- 3x3/8"
	Max. length for all indoor units		ft
			196.8
	Max. length for one indoor unit		ft
		98.4	
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

