

CH-36MES-230VO (Ducted)

Job Name:	Date:	Date:	
Location:	Approval:		
Engineer:	Construction:		
Submitted to:	Unit #:		
Submitted by:	Drawing #:		
Reference:			



KEY FEATURES:

- Up to 4 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	СОР
Btu/h	Btu/h	20	11	3.66
36,000(8,789~40,288)	37,000(6,900~46,624)	20		

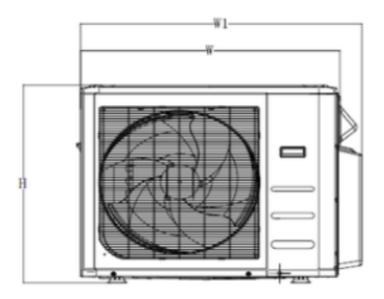
^{*}Please note: for ducted solutions, values are represented with Outdoor Units combined with Indoor ducted units. Values will vary with depending on the combination of Outdoor/Indoor models used.

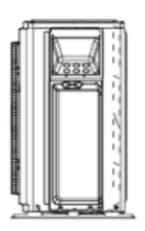


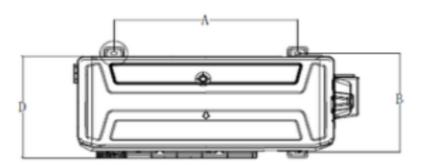
CH-36MES-230VO (Ducted)

Cooling Rated Capacity (range) Bt Rated Capacity (range) Bt Rated Capacity (range) Bt HSPF4 HSPF5 Minimum Circuit Ampacity (MCA) Max. Fuse Rated current (RLA) Model Type Brand RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor noise level (Max) Outdoor unit Refrigerant Dimensions (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for one indoor units Max. height difference between indoor and outdoor and outdoor and outdoor and outdoor and outdoor unit Max. height difference between indoor and outdoor and outdoor and outdoor unit Max. height difference between indoor and outdoor a		CH-36MES-230VO
Rated Capacity (range) HSPF4 HSPF5 Minimum Circuit Ampacity (MCA) Max. Fuse Rated current (RLA) Model Type Brand RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor noise level (Max) Outdoor unit Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Refrigerant oil Dimansions (WxDxH) Refrigerant oil Refrigerant Precharge Additional Charge (liquid pipe) Liquid side/Gas side Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between Indoor and outdoor Max. height difference between	Ph, Hz	208-230V, 1Ph, 60Hz
Heating HSPF4 HSPF5 Minimum Circuit Ampacity (MCA) Max. Fuse Rated current (RLA) Model Type Brand RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor noise level (Max) Outdoor unit Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Refrigerant piping Refrigerant oil Adx. length for one indoor units Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between Indoor and outdoor Max. height difference between Indoor and outdoor Max. height difference between	Btu/h	36,000(8,789~40,288)
Minimum Circuit Ampacity (MCA) Max. Fuse Rated current (RLA) Compressor Compressor Compressor Model Type Brand RLA Input Refrigerant oil Qty Input RLA Outdoor fan motor Input RLA Outdoor noise level (Max) Outdoor unit Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Refrigerant piping Max. length for all indoor unit Max. height difference between indoor and outdoor Max. height difference between Indoor and outdoor Max. height difference between Indoor and outdoor Max. height difference between	Btu/h	37,000(6,900~46,624)
Minimum Circuit Ampacity (MCA) Max. Fuse Rated current (RLA) Model Type Brand RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor air flow (Max) Outdoor noise level (Max) Outdoor unit Refrigerant Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Refrigerant piping Refrigerant piping Max. length for one indoor unit Max. length for one indoor unit Max. height difference between Max. height difference between Max. height difference between Max. height difference between		9.2
Max. Fuse Rated current (RLA) Model Type Brand RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor air flow (Max) Outdoor noise level (Max) Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Refrigerant piping Refrigerant piping Refrigerant oil Qty Input RLA Outdoor unit Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Liquid side/Gas side Max. length for all indoor units Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between indoor and outdoor Max. height difference between		7
Rated current (RLA) Model Type Brand RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor noise level (Max) Outdoor unit Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Refrigerant piping Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between	А	25
Model Type Brand RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor air flow (Max) Outdoor noise level (Max) Outdoor unit Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Percharge Liquid side/Gas side Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between Max. height difference between	А	40
Type Brand RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor air flow (Max) Outdoor noise level (Max) Outdoor unit Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Refrigerant piping Refrigerant piping Refrigerant piping Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between Max. height difference between	А	14.8(5.31~18.68)
Compressor Brand RLA Input Refrigerant oil Qty Qty Input RLA		KTF310D43UMT
Compressor RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor air flow (Max) Outdoor noise level (Max) Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between Indoor and outdoor Max. height difference between		ROTARY
RLA Input Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor air flow (Max) Outdoor noise level (Max) Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor unit Max. height difference between indoor and outdoor Max. height difference between		GMCC
Refrigerant oil Qty Outdoor fan motor Input RLA Outdoor noise level (Max) Outdoor unit Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length difference between indoor and outdoor Max. height difference between Input RLA Outdoor fan motor Input RLA Outdoor air flow (Max) Outdoor air flow (MxDxH) Outdoor air	А	18
Outdoor fan motor Input RLA Outdoor air flow (Max) Outdoor noise level (Max) Outdoor unit Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Percharge Liquid side/Gas side Max. length for all indoor units Max. length difference between indoor and outdoor Max. height difference between	w	2,765
Outdoor fan motor Input RLA Outdoor air flow (Max) Outdoor noise level (Max) Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between Max. height difference between	OZ	VG74 33.8
RLA Outdoor air flow (Max) Outdoor noise level (Max) Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length difference between indoor and outdoor Max. height difference between Indoor and outdoor Max. height difference between		1
Outdoor air flow (Max) Outdoor noise level (Max) Outdoor unit Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure P: Liquid side/Gas side Max. length for all indoor units Max. height difference between indoor and outdoor Max. height difference between Mex. height difference between	W	150
Outdoor noise level (Max) Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length difference between indoor and outdoor Max. height difference between Max. height difference between	А	1
Dimensions (WxDxH) Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length difference between indoor and outdoor Max. height difference between	CFM	2,147.06
Outdoor unit Packing (WxDxH) Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length difference between indoor and outdoor Max. height difference between	dB(A)	62.5
Net/Gross weight Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length difference between indoor and outdoor Max. height difference between	in	37.24x16.14x31.89
Type/Quantity Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between	in	42.91x19.69x34.84
Refrigerant Precharge Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between	in	169.09/181.44
Additional Charge (liquid pipe) Design pressure Liquid side/Gas side Max. length for all indoor units Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between	OZ	R410A
Design pressure Liquid side/Gas side Max. length for all indoor units Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between	ft	25x4
Liquid side/Gas side Max. length for all indoor units Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between	OZ	134.04
Refrigerant piping Max. length for all indoor units Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between	PSIG	550/340
Refrigerant piping Max. length for one indoor unit Max. height difference between indoor and outdoor Max. height difference between	in	4x1/4" 3x3/8"+1x1/2"
Max. height difference between indoor and outdoor Max. height difference between	ft	262.46
Max. height difference between indoor and outdoor Max. height difference between	ft	114.83
	ft	49.21
	ft	33
Ambient temperature Cooling	F	5~122









Dimensions	Width	Depth	Height	
Inches	37.24	16.14	31.89	