



INVOTECH

YS/YM/YSM/YMZ Series
Scroll Compressors

**Special Design For
Medium Temperature Application**

**Diseño Especial Para Aplicaciones
De Temperatura Media**

60Hz





Suzhou Invotech Scroll Technologies Co., Ltd.

is a high-tech company.

Our company is founded by a group of engineers who formerly worked for the world's largest manufacturer of scroll compressors. We are a team of passionate and highly qualified professionals with more than 25 years of experience in this industry. Our company's products in addition to impressive sales performance in the domestic market, also sales to Asia, Africa, Europe, South America North America and other more than 40 countries and regions.

Our company provides specialized scroll compressors and related technical consulting services for heat pump water heaters, refrigeration and air conditioning, chillers and other applications. We are willing to provide our customers with jointly developed or Turn-Key solutions to meet their needs.

Our mission: To become a leading global provider of climate and energy solutions, building an energy-saving and low-carbon ecological environment together!

For more information please visit:
Para más información, visite nuestro sitio web:
www.invotech.cn

es una compañía de alta tecnología.

Nuestra empresa es fundada por un grupo de ingenieros quienes trabajaron para las más grandes empresas manufactureras de compresores Scroll . Somos un equipo de apasionados profesionales y profesionales altamente calificados, con más de 25 años de experiencia en esta industria. Nuestros productos además de impresionante rendimiento de ventas en el mercado, también son distribuidos en Asia, África, Europa, Sudamérica Norteamérica y otros 40 países.

Nuestra compañía provee Compresores Scroll especializados y servicios de consulta técnicos relacionada para calentadores de agua de bomba de calor, Refrigeración y Aire Acondicionado, Chillers y otras aplicaciones. Nos complace proveer a nuestros clientes en forma conjunta soluciones para cumplir sus necesidades.

Nuestra misión: Convertirnos en un proveedor líder mundial de soluciones climáticas y energéticas, construyendo un ahorro de energía y bajo en carbono ecológico medio ambiente juntos!



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<i>Dimensiones</i>	

YM Series

Product Features / Características del producto

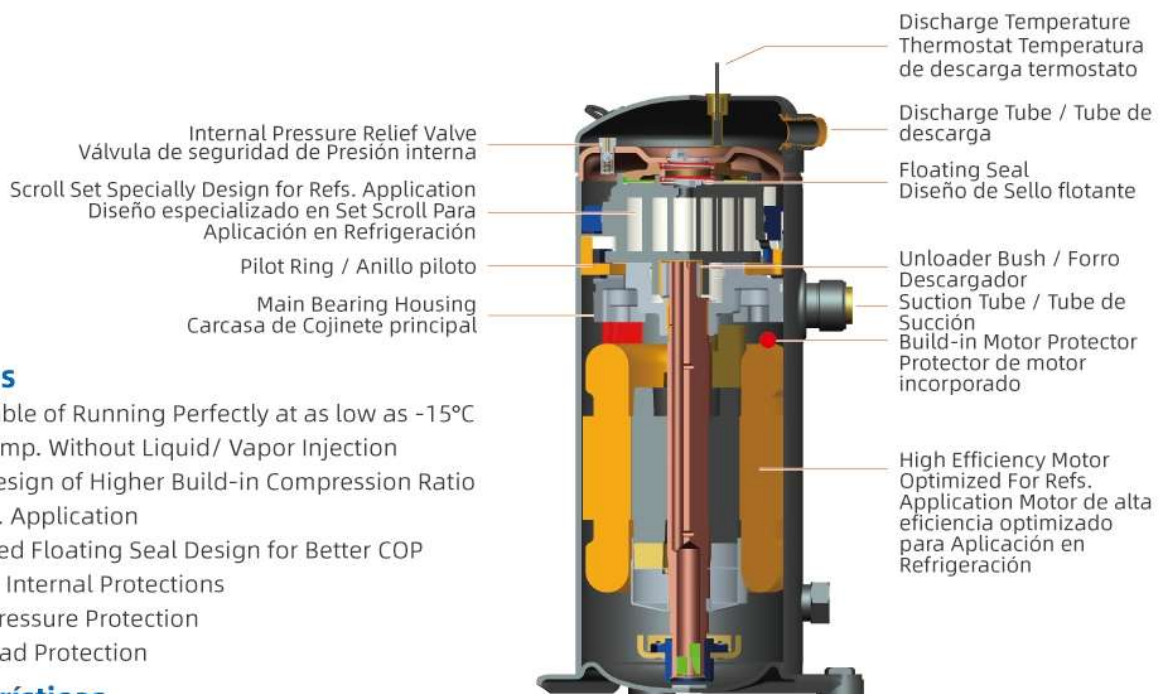
- Specific Design for Refs. Application, Not Only the Scroll Set But Also The Unit, Precise Product-Definition Based On Customer's Need
- Both Build-in Radius and Axial Compliance Design, Improved Floating Seal Design for Better Energy Efficiency
- Excellent Discharge Temperature Management to Stretch Operation Envelope
- Accurate Calculation of Load and Sealing Force for Running Sound Optimization
- High Efficiency Motor Design
- Diseño específico para aplicación de media temp, no solamente el set de Compresor Scroll sino también la unidad, la Definición del producto es precisa basada en las necesidades del cliente.
- Ambos incorporados en el diseño radial y axial cumplimiento de diseño, mejora de diseño en estanquidad flotante para mejorar la eficacia energética.
- Excelente descarga en gestión de temperatura para alance de operación de estiramiento.
- Cálculo preciso de carga y fuerza de sellado para optimización de sonido de la marcha.
- Diseño de motor de alta eficiencia.

Features

- Be Capable of Running Perfectly at as low as -15°C Evap. Temp. Without Liquid/ Vapor Injection
- Scroll Design of Higher Build-in Compression Ratio For Refs. Application
- Optimized Floating Seal Design for Better COP
- Multiple Internal Protections
 - High Pressure Protection
 - Overload Protection

Características

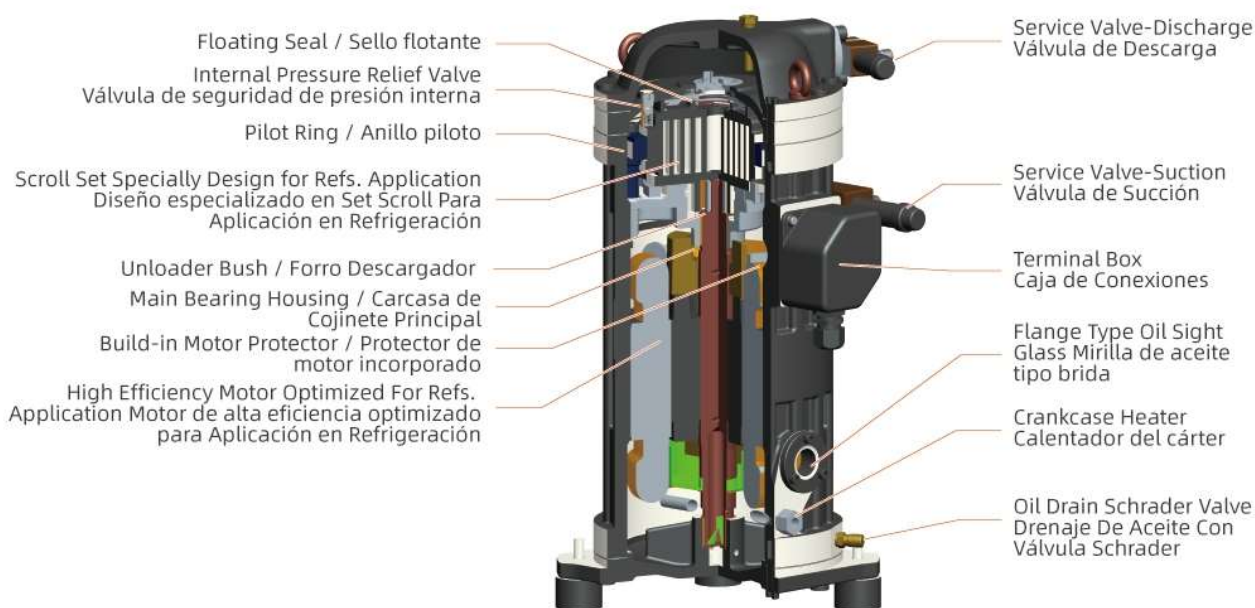
- Capaz de arranque perfectamente tan bajo como
- -15°C Temp. de Evap. Sin líquido / inyección de vapor
- Diseño específico scroll para aplicación de refrigeración.
- Diseño flotante optimizado para un mayor COP
- Protecciones internas múltiples
 - Protección de alta precisión
 - Protección de sobrecarga



YSM Series

Product Features / Características del producto

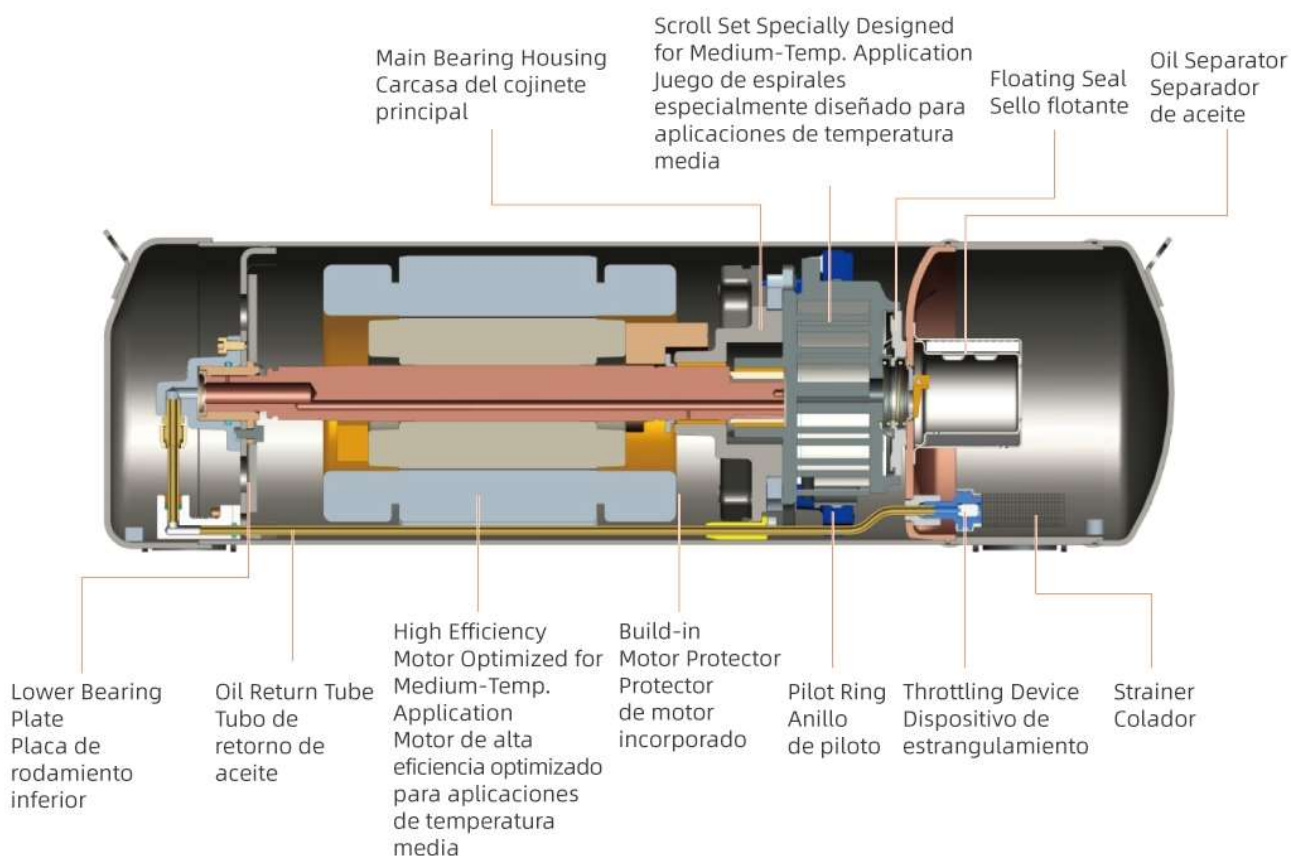
- Specific Design for Refs. Application, Not Only the Scroll Set But Also the Unit, Precise Product-Definition Based on Customer's Need
- Both Build-in Radius and Axial Compliance Design, Improved Floating Seal Design for Better Energy Efficiency
- Excellent Discharge Temperature Management to Stretch Operation Envelope
- Accurate Calculation of Load and Sealing Force for Running Sound Optimization
- High Efficiency Motor Design
- Repairable
- Diseño específico para aplicación de baja temp, no solamente el set de Compresor Scroll sino también la unidad, la definición del producto es precisa asada en las necesidades del cliente.
- Ambos, construido radialy diseño de cumplimiento axial, diseño mejorado en sello flotante para mejor eficiencia de energía.
- Excelente descarga en gestión de temperatura para alcance de operación de estiramiento.
- Calculo preciso de carga y fuerza de sellado para optimización de sonido de la marcha.
- Diseño de motor de alta eficiencia.
- Reparable



YmZ Series

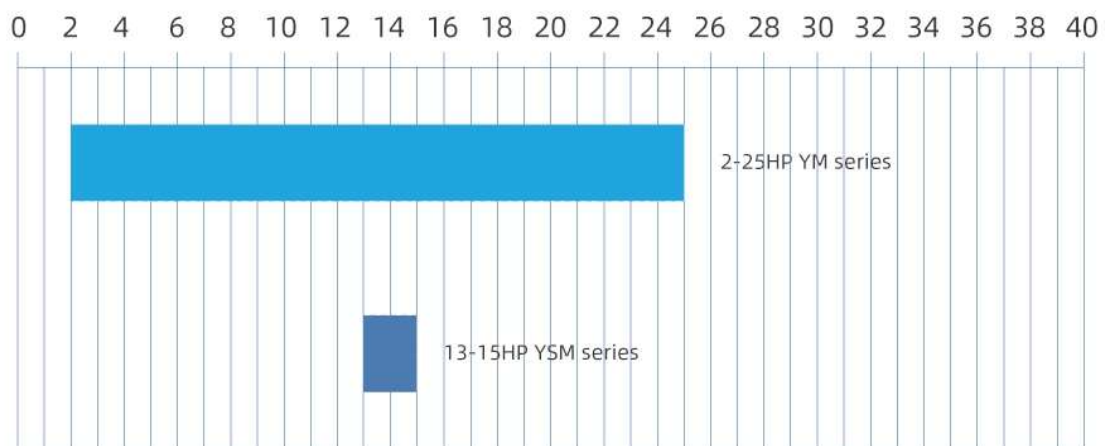
Horizontal Type Scroll Compressors With Dual-Compliance For Medium Temperature Application

- Specific Design for Refs. Application, Not Only the Scroll Set But Also The Unit, Precise Product-Definition Based On Customer's Need
- Both Build-in Radius and Axial Compliance Design, Improved Floating Seal Design for Better Energy Efficiency
- Excellent Discharge Temperature Management to Stretch Operation Envelope
- Accurate Calculation of Load and Sealing Force for Running Sound Optimization
- High Efficiency Motor Design
- Compact Design for Limited Space
- Diseño específico para aplicación de media temp, no solamente el set de Compresor Scroll sino también la unidad, la Definición del producto es precisa basada en las necesidades del cliente.
- Ambos incorporados en el diseño radial y axial cumplimiento de diseño, mejora de diseño en estanquidad flotante para mejorar la eficacia energética.
- Excelente descarga en gestión de temperatura para alance de operación de estiramiento.
- Cálculo preciso de carga y fuerza de sellado para optimización de sonido de la marcha.
- Diseño de motor de alta eficiencia.
- Diseño compacto para espacio limitado



YM/YSM Series

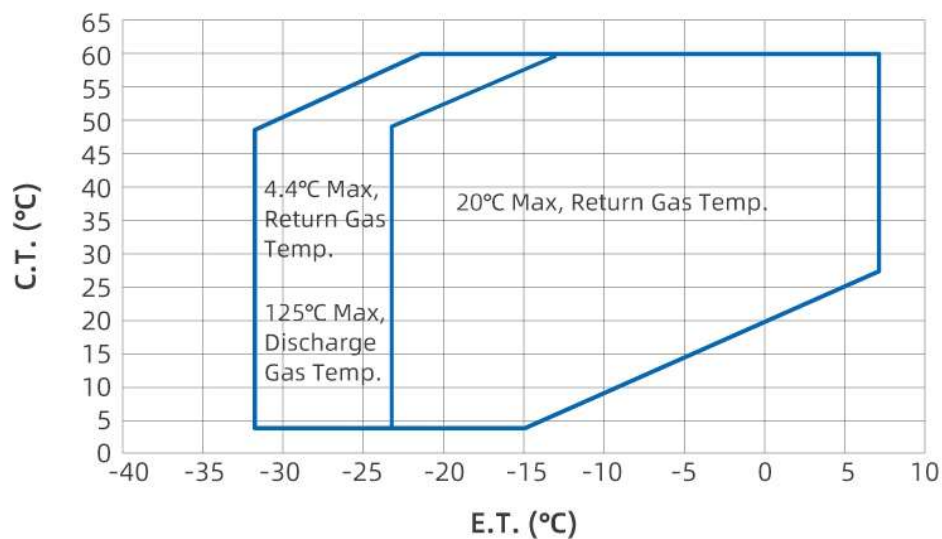
Models / Modelos



YS Series

Operating Envelope / Desarrollo De Operación

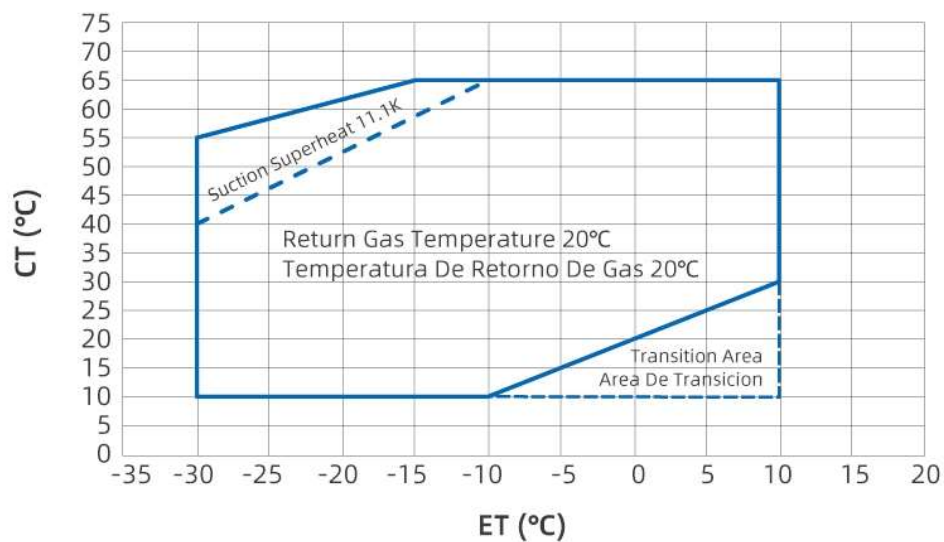
YS15-YS20 R404A



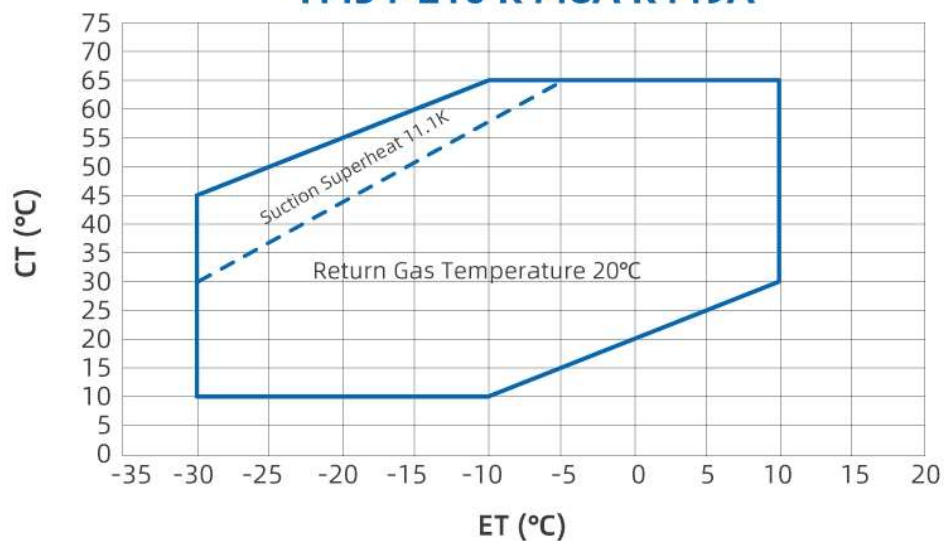
YM/YSM Series

Operating Envelope / Desarrollo De Operación

YM34-210/YSM235-260/YM350-410 R404A



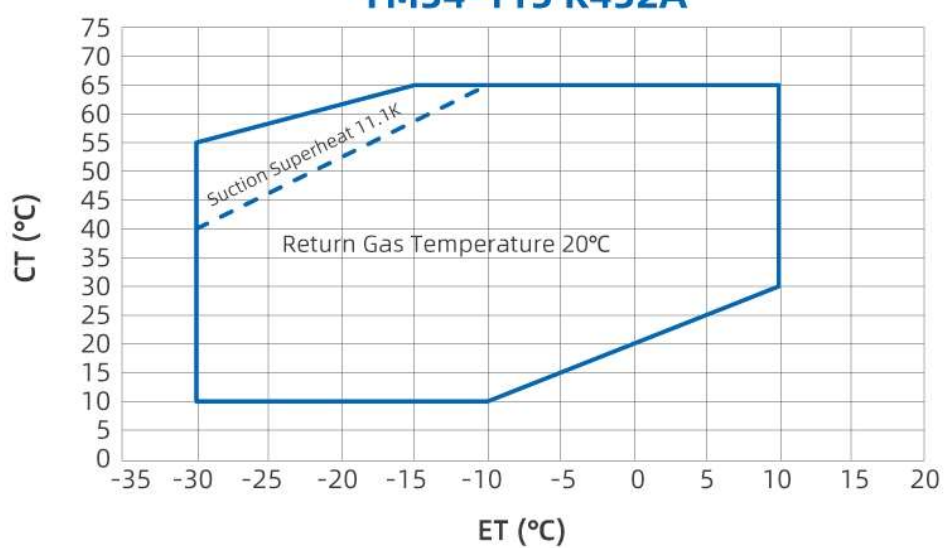
YM34-210 R448A R449A



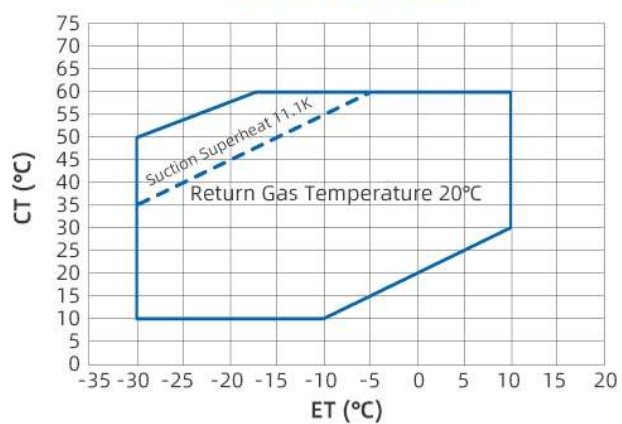
YM/YS Series

Operating Envelope / Desarrollo De Operación

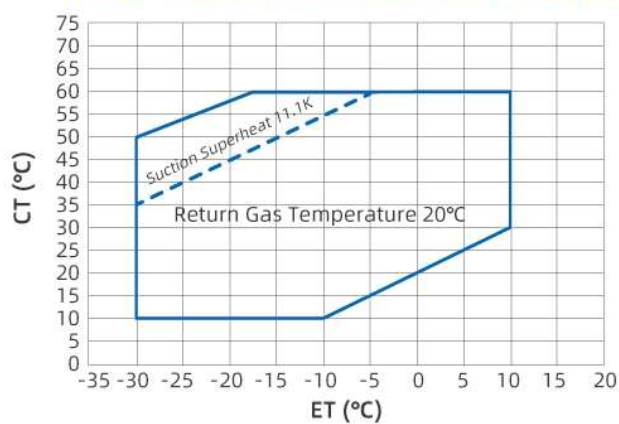
YM34-115 R452A



YM31-101 R290

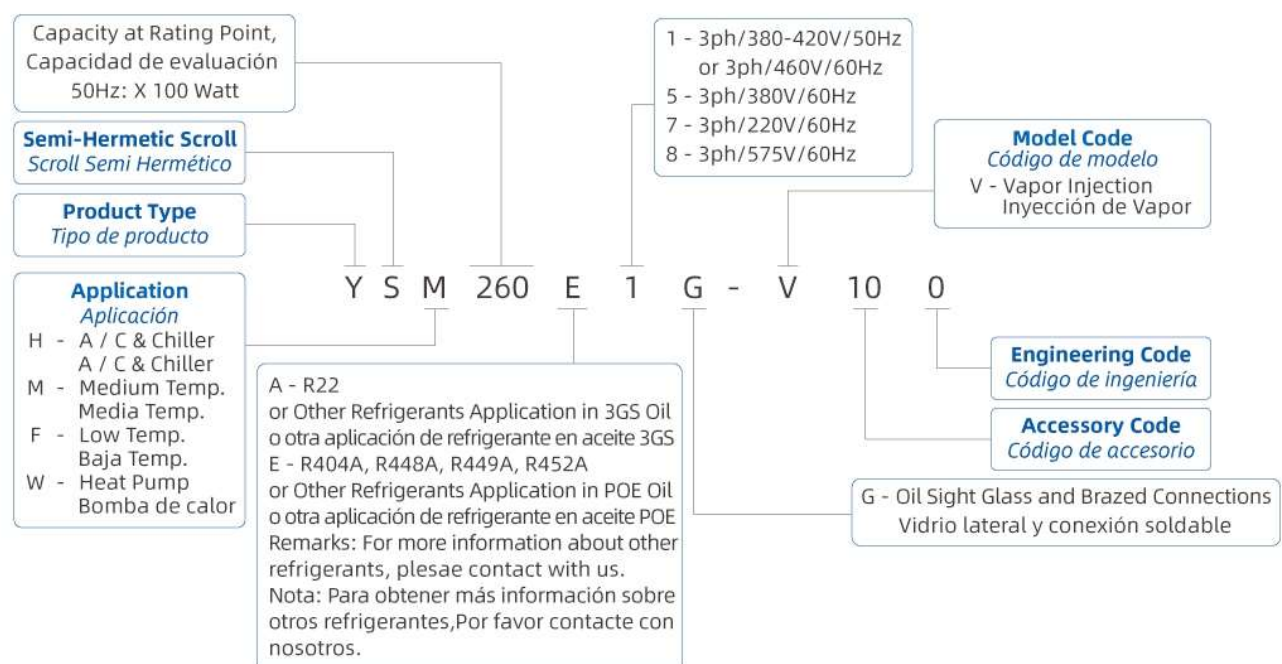
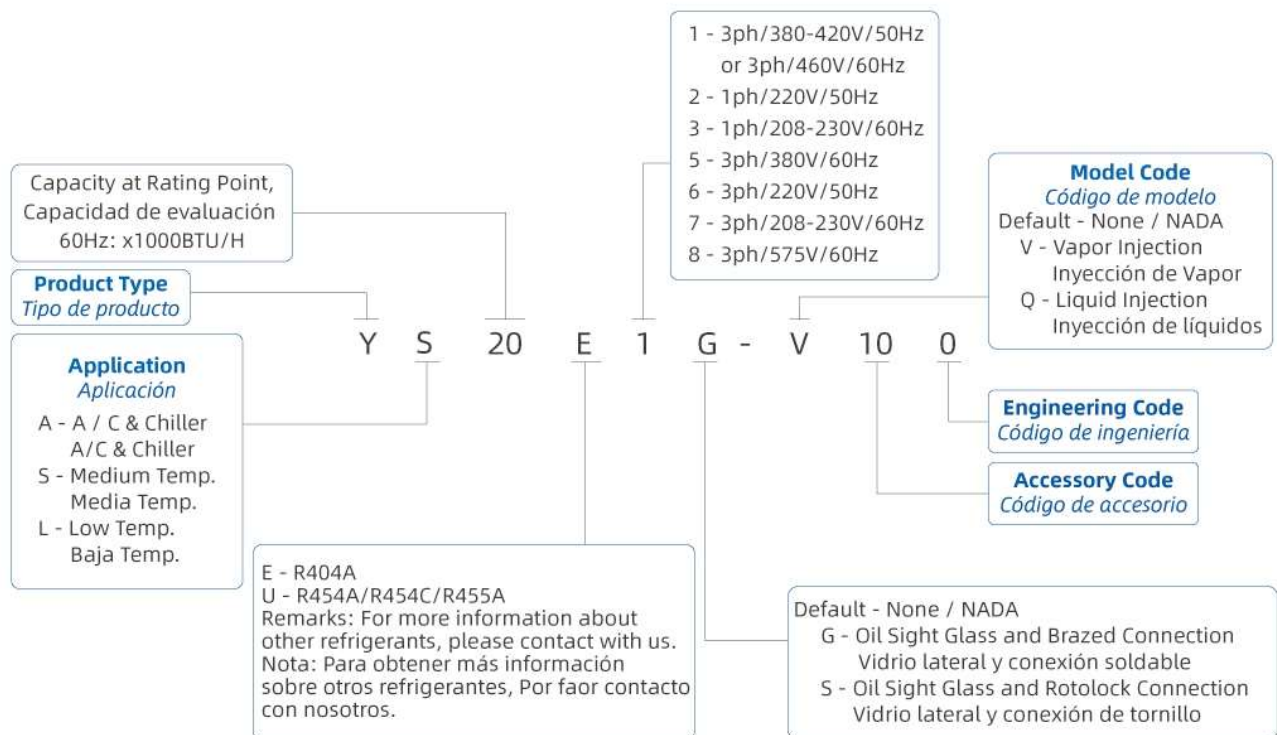


YM34-YM49/YS24-YS42 R454C R455A



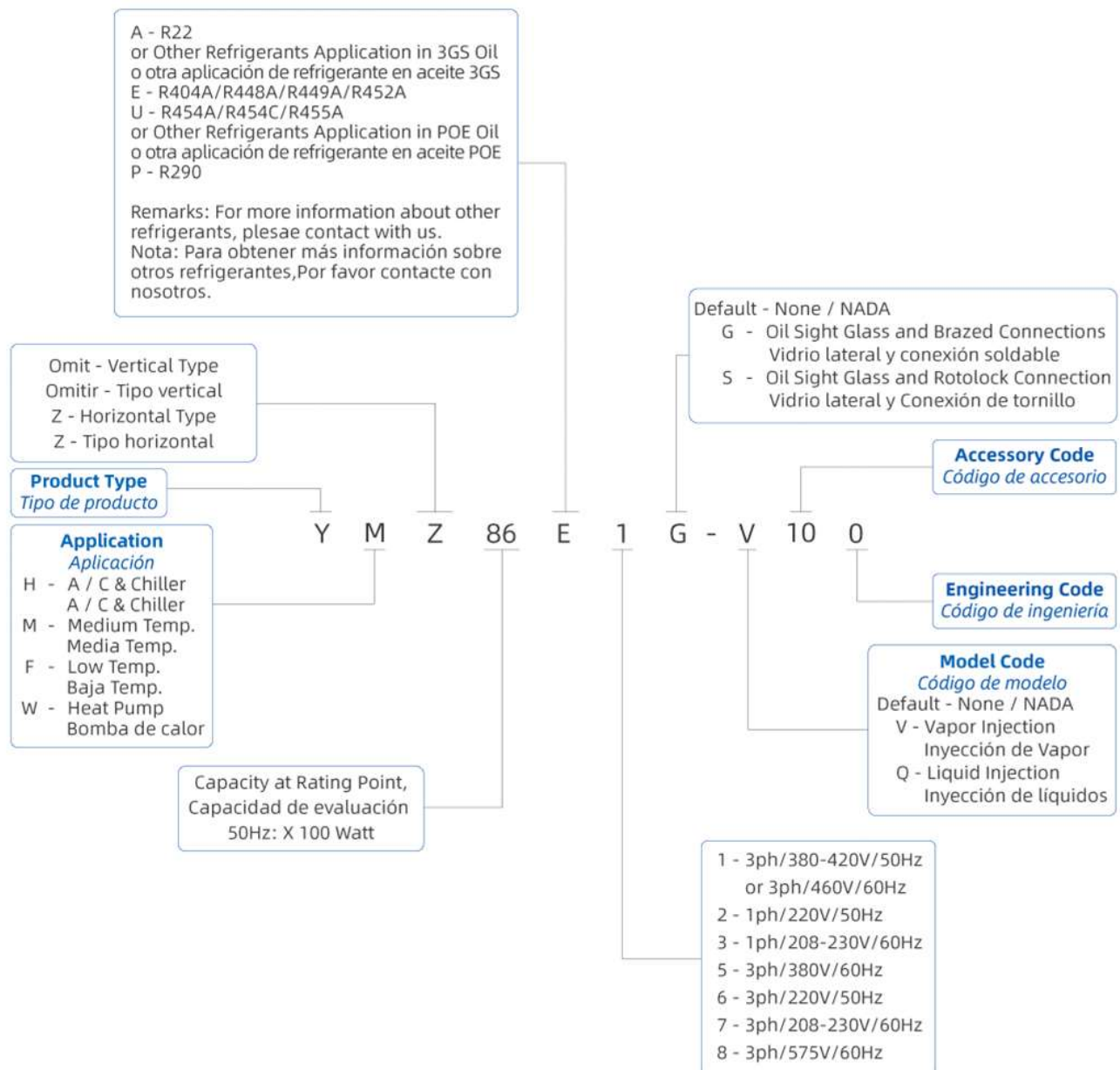
YS/YSM Series

Nomenclature / Nomenclatura



YM/YMZ Series

Nomenclature / Nomenclatura



YS/YM Series

Specifications / Specifications

60Hz

R404A

Model / Modelo		YS15E	YS19E	YS20E	YM24E	YM28E	YM34E	YM43E
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	1.5	1.7	2	2.5
Displacement / Desplazamiento(m³/h)		7.1	8.1	9.9	4.9	5.7	7	8.8
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	15290	17320	21430	10475	12044	14576	17401
	Power in Watt / Potencia en Watt(W)	2225	2480	3140	1830	2080	2373	2833
	EER (BTU/Wh)	6.86	6.98	6.82	5.72	5.79	6.14	6.14
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)				10577	12082	14819	17691
	Power in Watt / Potencia en Watt(W)				1780	1970	2482	2803
	EER (BTU/Wh)				5.94	6.13	5.97	6.31
Electricity / Electricidad								
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	9.7	10.8	13.8	8.5	9.6	11.2	13.4
	MOC(A)	17.5	22	20	13	15	19.5	20.7
	LRA (A)	66	66	82	76	76	76	76
220V/60Hz /3Ph	Running Current / Corriente de operació(A)				6.9	7.2	9.1	10
	MOC(A)				9.4	9.5	10.8	13.3
	LRA(A)				88	88	99	99
380V/60Hz /3Ph	Running Current / Corriente de operació(A)						4.9	5.4
	MOC(A)						6.3	7.7
	LRA (A)						51	51
460V/60Hz /3Ph	Running Current / Corriente de operació(A)						3.5	4.8
	MOC (A)						5.2	6.4
	LRA (A)						22	45
575V/60Hz /3Ph	Running Current / Corriente de operació(A)						3.2	3.5
	MOC(A)						4.2	5.1
	LRA(A)						38	38
Crankcase Heater / Calentador del cárter(W)		70			70			
Fitting Dimensions / Medidas de montaje(Inch)								
Discharge Tube / Tubo de descarga(OD)		1/2			1/2			
Suction Tube / Tubo de succión(OD)		3/4			7/8			
Product Dimensions / Dimensiones del producto(MM)								
Length / Largo(L)		239			239			
Width / Ancho(W)		239			239			
Height / Altura(H)	1 Phase/Fase	391			418			
	3 Phase/Fase				418			
Oil Type / Tipo de aceite		POE			POE			
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase	0.85		0.95	1.4			
	3 Phase/Fase				1.4			
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	0.75		0.95	1.25			
	3 Phase/Fase				1.25			
Max Operating Pressure / Presión operativa máxima(MPa)								
High Side / Máximo		3.2			3.2			
Low Side / Mínimo		2.0			2.0			
Weight / Peso(kg)	1 Phase/Fase	23	23	25	31	31	31	31
	3 Phase/Fase				30	30	31	31

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

YM/YMZ Series

Specifications / Specifications

60Hz
R404A

Model / Modelo		YM49E	YM60E	YM70E	YM86E	YM102E	YM115E	YMZ46E	YMZ83E	YMZ110E
Power in Horse Power / Potencia en caballos de fuerza(HP)		3	3.5	4	5	6	7	3	5	7
Displacement / Desplazamiento(m³/h)		9.7	12.2	14.2	17.4	20.5	22.7	9.8	17.4	22.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	19817	24983	28334	34803					
	Power in Watt / Potencia en Watt(W)	3227	4030	4489	5514					
	EER (BTU/Wh)	6.14	6.20	6.31	6.31					
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	20147	24983	28806	35161	42043	46396	18359	33574	45214
	Power in Watt / Potencia en Watt(W)	3108	3864	4397	5153	6161	6473	2984	5184	6922
	EER (BTU/Wh)	6.48	6.47	6.55	6.82	6.82	7.17	6.15	6.48	6.53
Electricity / Electricidad										
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	15.3	16.8	21.5	26.4					
	MOC(A)	21.8	29.4	34	40.1					
	LRA (A)	76	109	140	140					
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	10.4	12.3	14.3	16.6	19.3	21.15			
	MOC(A)	14.3	18.7	21.8	25.2	29.4	32			
	LRA(A)	99	136	136	136	167	180			
380V/60Hz /3Ph	Running Current / Corriente de operació(A)	5.7	7.8	8.2	9.6	11				
	MOC(A)	8.3	9.2	12.6	14.6	17				
	LRA (A)	51	69	69	69	94				
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	5.1	6.5	7	8	9.4	11.2	5.1	7.9	10.8
	MOC (A)	6.9	8.5	10.5	12.2	14.3	17.1	6.9	13.1	17.1
	LRA (A)	45	60	60	60	65	85	45	60	85
575V/60Hz /3Ph	Running Current / Corriente de operació(A)	3.8		5.4	6.3	7.3				
	MOC(A)	5.5		8.3	9.6	11.2				
	LRA(A)	38		43	43	53				
Crankcase Heater / Calentador del cárter(W)		70								
Fitting Dimensions / Medidas de montaje(Inch)										
Discharge Tube / Tubo de descarga(OD)		1/2								
Suction Tube / Tubo de succión(OD)		7/8								
Product Dimensions / Dimensiones del producto(MM)										
Length / Largo(L)		239						558.5		603.5
Width / Ancho(W)		239						285		
Height / Altura(H)	1 Phase/Fase	418			463					
	3 Phase/Fase	418			463		174			
Oil Type / Tipo de aceite		POE								
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase	1.4		1.6						
	3 Phase/Fase	1.4		1.6			1.4		1.6	
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	1.25		1.45						
	3 Phase/Fase	1.25		1.45			1.25		1.45	
Max Operating Pressure / Presión operativa máxima(MPa)										
High Side / Máximo		3.2								
Low Side / Mínimo		2.0								
Weight / Peso(kg)	1 Phase/Fase	32	33	35	35					
	3 Phase/Fase	32	31	33	33	35	38	33	34	40

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

YM Series

Specifications / Specifications

60Hz

R404A

Model / Modelo		YM125E	YM132E	YM158E	YM182E	YM200E	YM210E	YM240E
Power in Horse Power / Potencia en caballos de fuerza(HP)		7.5	8	9	10	12	13	14
Displacement / Desplazamiento(m³/h)		24.1	25.7	30.4	34.9	39.5	41.2	44.1
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)							
	Power in Watt / Potencia en Watt(W)							
	EER (BTU/Wh)							
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	50951	53670	65945	74329	81322	85518	88784
	Power in Watt / Potencia en Watt(W)	7345	7659	9396	10517	11507	12040	13527
	EER (BTU/Wh)	6.94	7.01	7.02	7.07	7.07	7.1	6.56
Electricity / Electricidad								
220V/60Hz /1Ph	Running Current / Corriente de operació(A)							
	MOC(A)							
	LRA (A)							
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	24.7	25.3	28.4	32.5	35.5	36.4	
	MOC(A)	36.2	38.5	43.9	49.3	55.4	57.7	
	LRA(A)	241	241	241	290	290	290	
380V/60Hz /3Ph	Running Current / Corriente de operació(A)	14.3	14.6	16.5	18.8	20.6	21.1	23.1
	MOC(A)	20.9	22.3	25.4	28.6	32.1	33.4	37.2
	LRA (A)	135	135	135	163	163	163	156
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	11.8	12.1	13.6	15.5	16.3	16.9	20.6
	MOC (A)	17.5	18.4	21	23.6	26.5	27.6	31
	LRA (A)	117	117	117	121	121	121	148.5
575V/60Hz /3Ph	Running Current / Corriente de operació(A)	9.4	9.7	10.9	12.4	13.6	13.9	
	MOC(A)	13.8	14.7	16.8	18.9	21.2	22.1	
	LRA(A)	80	80	80	95	95	95	
Crankcase Heater / Calentador del cárter(W)		90						
Fitting Dimensions / Medidas de montaje(Inch)								
Discharge Tube / Tubo de descarga(OD)		7/8						
Suction Tube / Tubo de succión(OD)		1 1/8						
Product Dimensions / Dimensiones del producto(MM)								
Length / Largo(L)		260						
Width / Ancho(W)		244						
Height / Altura(H)	1 Phase/Fase							
	3 Phase/Fase	506.7						556.7
Oil Type / Tipo de aceite		POE						
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase							
	3 Phase/Fase	2.7				3.0		3.7
Recharge Volume Volumen de recarga(L)	1 Phase/Fase							
	3 Phase/Fase	2.6				2.85		3.5
Max Operating Pressure / Presión operativa máxima(MPa)								
High Side / Máximo		3.2						
Low Side / Mínimo		2.0						
Weight / Peso(kg)	1 Phase/Fase							
	3 Phase/Fase	53	53	53	54	54	54	59

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

YSM/YM Series

Specifications / Specifications

60Hz
R404A

Model / Modelo		YSM235E	YSM260E	YM260E	YM280E	YM350E	YM410E
Power in Horse Power / Potencia en caballos de fuerza(HP)		14	15	15	16	22	25
Displacement / Desplazamiento(m³/h)		45.2	51	51.7	55.8	69.9	82.3
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)						
	Power in Watt / Potencia en Watt(W)						
	EER (BTU/Wh)						
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	95065	105178	102360	115872	135625	156643
	Power in Watt / Potencia en Watt(W)	14280	15780	15240	16920	21020	24450
	EER (BTU/Wh)	6.66	6.67	6.72	6.85	6.45	6.41
Electricity / Electricidad							
220V/60Hz /1Ph	Running Current / Corriente de operació(A)						
	MOC(A)						
	LRA (A)						
220V/60Hz /3Ph	Running Current / Corriente de operació(A)						
	MOC(A)						
	LRA(A)						
380V/60Hz /3Ph	Running Current / Corriente de operació(A)	25.8	27.6			36.5	41.5
	MOC(A)	34.7	39.4			59.5	69.5
	LRA (A)	180	180			300	300
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	21.5	23	22.8	26.4	29.4	34.5
	MOC (A)	28.9	32.8	32	40.3	41	51
	LRA (A)	148.5	148.5	170	216	205	266
575V/60Hz /3Ph	Running Current / Corriente de operació(A)	17.1	18.2				
	MOC(A)	22.9	26				
	LRA(A)	115	115				
Crankcase Heater / Calentador del cárter(W)		75		120			
Fitting Dimensions / Medidas de montaje(Inch)							
Discharge Tube / Tubo de descarga(OD)		7/8		1 1/8			
Suction Tube / Tubo de succión(OD)		1 3/8		1 5/8			
Product Dimensions / Dimensiones del producto(MM)							
Length / Largo(L)		318		350.9			
Width / Ancho(W)		309		326.2			
Height / Altura(H)	1 Phase/Fase						
	3 Phase/Fase	584		611.2	676.7		
Oil Type / Tipo de aceite		POE					
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase						
	3 Phase/Fase	3.4		4.2	5.5		
Recharge Volume Volumen de recarga(L)	1 Phase/Fase						
	3 Phase/Fase	3.25		4	5.3		
Max Operating Pressure / Presión operativa máxima(MPa)							
High Side / Máximo		3.2					
Low Side / Mínimo		2.0					
Weight / Peso(kg)	1 Phase/Fase						
	3 Phase/Fase	90	90	95	100	104	104

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

YM Series

60Hz

Specifications / Specifications

R448A R449A

Model / Modelo		YM34E	YM43E	YM49E	YM60E	YM70E	YM86E	YM102E
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6
Displacement / Desplazamiento(m³/h)		7	8.8	9.7	12.2	14.2	17.4	20.5
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	15125	18056	20560	25914	30066	36931	
	Power in Watt / Potencia en Watt(W)	2177	2599	2744	3545	4051	4980	
	EER (BTU/Wh)	6.95	6.95	7.49	7.31	7.42	7.42	
220V&380V&460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	15095	18019	20520	25863	30066	36931	43881
	Power in Watt / Potencia en Watt(W)	2229	2517	2791	3529	4086	4920	5846
	EER (BTU/Wh)	6.77	7.16	7.35	7.33	7.36	7.51	7.51
Electricity / Electricidad								
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	10	11.9	12.6	16.3	18.5	22.8	
	MOC(A)	16.6	19.8	20.9	27	32.7	40.2	
	LRA (A)	76	76	76	109	140	140	
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	7.6	8.6	9.5	12.1	13.1	15.8	18.7
	MOC(A)	11.3	12.7	14.1	17.8	21.6	26	30.8
	LRA(A)	88	88	88	136	136	136	167
380V/60Hz /3Ph	Running Current / Corriente de operació(A)							
	MOC(A)							
	LRA (A)							
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	3.7	4.1	4.6	5.8	6.3	7.6	9
	MOC (A)	5.4	6.1	6.8	8.6	10.4	12.5	14.9
	LRA (A)	22	45	45	60	60	60	65
575V/60Hz /3Ph	Running Current / Corriente de operació(A)							
	MOC(A)							
	LRA(A)							
Crankcase Heater / Calentador del cárter(W)		70						
Fitting Dimensions / Medidas de montaje(Inch)								
Discharge Tube / Tubo de descarga(OD)		1/2						
Suction Tube / Tubo de succión(OD)		7/8						
Product Dimensions / Dimensiones del producto(MM)								
Length / Largo(L)		239						
Width / Ancho(W)		239						
Height / Altura(H)	1 Phase/Fase	418				463		
	3 Phase/Fase	418					463	
Oil Type / Tipo de aceite		POE						
Initial Charge Volume / Carga de volumen inicial(L)	1 Phase/Fase	1.4				1.6		
	3 Phase/Fase	1.4					1.6	
Recharge Volume / Volumen de recarga(L)	1 Phase/Fase	1.25				1.45		
	3 Phase/Fase	1.25					1.45	
Max Operating Pressure / Presión operativa máxima(MPa)								
High Side / Máximo		3.2						
Low Side / Mínimo		2.0						
Weight / Peso(kg)	1 Phase/Fase	31	31	31	33	38	38	
	3 Phase/Fase	30	30	30	31	31	32	33

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

Model / Modelo		YM115E	YM125E	YM132E	YM158E	YM182E	YM200E	YM210E
Power in Horse Power / Potencia en caballos de fuerza(HP)		7	7.5	8	9	10	12	13
Displacement / Desplazamiento(m ³ /h)		22.7	24.1	25.7	30.4	34.9	39.5	41.2
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)							
	Power in Watt / Potencia en Watt(W)							
	EER (BTU/Wh)							
220V&380V&460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	48214	50623	53326	65520	73852	82399	86650
	Power in Watt / Potencia en Watt(W)	6432	6752	7113	8740	9851	10882	11443
	EER (BTU/Wh)	7.5	7.5	7.5	7.5	7.5	7.57	7.57
Electricity / Electricidad								
220V/60Hz /1Ph	Running Current / Corriente de operaci3n(A)							
	MOC(A)							
	LRA (A)							
220V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)	21	22.9	24.1	29.6	33.3	36.1	38
	MOC(A)	32.4	33.7	35.5	43.6	49.2	53.3	56
	LRA(A)	167	241	241	241	290	290	290
380V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)							
	MOC(A)							
	LRA (A)							
460V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)	10.1						
	MOC (A)	15.8						
	LRA (A)	85						
575V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)							
	MOC(A)							
	LRA(A)							
Crankcase Heater / Calentador del c3rter(W)		70			90			
Fitting Dimensions / Medidas de montaje(Inch)								
Discharge Tube / Tubo de descarga(OD)		1/2			7/8			
Suction Tube / Tubo de succi3n(OD)		7/8			1 1/8			
Product Dimensions / Dimensiones del producto(MM)								
Length / Largo(L)		239			260			
Width / Ancho(W)		239			244			
Height / Altura(H)	1 Phase/Fase							
	3 Phase/Fase	463			508			
Oil Type / Tipo de aceite					POE			
Initial Charge Volume / Carga de volumen inicial(L)	1 Phase/Fase							
	3 Phase/Fase	1.6		2.7			3.0	
Recharge Volume / Volumen de recarga(L)	1 Phase/Fase							
	3 Phase/Fase	1.45		2.6			2.85	
Max Operating Pressure / Presi3n operativa m3xima(MPa)								
High Side / M3ximo					3.2			
Low Side / M3nimo					2.0			
Weight / Peso(kg)	1 Phase/Fase							
	3 Phase/Fase	38	53	53	53	54	54	54

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

YM Series

Specifications / Specifications

60Hz

R452A

Model / Modelo		YM34E	YM43E	YM49E	YM60E	YM70E	YM86E	YM102E	YM115E
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7
Displacement / Desplazamiento(m³/h)		7	8.8	9.7	12.2	14.2	17.4	20.5	22.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	14576	17401	19817	24976	28333	34802		
	Power in Watt / Potencia en Watt(W)	2373	2833	3227	4030	4489	5514		
	EER (BTU/Wh)	6.14	6.14	6.14	6.2	6.31	6.31		
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	14818	17691	20148	24976	28804	35160	42042	46382
	Power in Watt / Potencia en Watt(W)	2482	2803	3108	3864	4397	5153	6161	6100
	EER (BTU/Wh)	5.97	6.31	6.48	6.46	6.55	6.82	6.82	7.6
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	11.2	13.4	15.3	16.8	21.5	26.4		
	MOC(A)	19.5	20.7	21.8	29.4	34	40.1		
	LRA (A)	76	76	76	109	140	140		
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	9.1	10	10.4	12.3	14.3	16.6	19.2	19.5
	MOC(A)	10.8	13.3	14.3	18.7	21.8	25.2	29.4	32
	LRA(A)	88	88	88	136	136	136	167	180
380V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA (A)								
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	3.5	4.8	5.1	6.5	7	8	9.4	11.2
	MOC (A)	5.2	6.4	6.9	8.5	10.3	12.2	14.3	17.1
	LRA (A)	22	45	45	60	60	60	65	85
575V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA(A)								
Crankcase Heater / Calentador del cárter(W)		70							
Fitting Dimensions / Medidas de montaje(Inch)									
Discharge Tube / Tubo de descarga(OD)		1/2							
Suction Tube / Tubo de succión(OD)		7/8							
Product Dimensions / Dimensiones del producto(MM)									
Length / Largo(L)		239							
Width / Ancho(W)		239							
Height / Altura(H)	1 Phase/Fase	418				463			
	3 Phase/Fase	418					463		
Oil Type / Tipo de aceite		POE							
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase	1.4				1.6			
	3 Phase/Fase	1.4				1.6			
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	1.25				1.45			
	3 Phase/Fase	1.25				1.45			
Max Operating Pressure / Presión operativa máxima(MPa)									
High Side / Máximo		3.2							
Low Side / Mínimo		2.0							
Weight / Peso(kg)	1 Phase/Fase	31	31	31	33	38	38		
	3 Phase/Fase	30	30	30	31	31	32	33	38

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

YM/YS Series

Specifications / Specifications

60Hz
R454C

Model / Modelo		YM34U	YM43U	YM49U	YS24U	YS28U	YS34U	YS40U	YS42U
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7
Displacement / Desplazamiento(m³/h)		7	8.8	9.8	12.2	14.2	17.5	20.6	22.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	13477	16432	18243	22922	26784	32909		
	Power in Watt / Potencia en Watt(W)	2079	2359	2617	3158	3506	4265		
	EER (BTU/Wh)	6.48	6.97	6.97	7.26	7.64	7.72		
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	13116	16432	18234	22922	26784	32909	38078	41845
	Power in Watt / Potencia en Watt(W)	1888	2316	2542	3084	3509	4265	4932	5424
	EER (BTU/Wh)	6.95	7.10	7.17	7.43	7.63	7.72	7.72	7.71
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	10.4	11.1	12.3	14.8	16.3	19.8		
	MOC(A)	14.8	16.6	18.5	22.9	26.1	32.7		
	LRA (A)	76	76	76	109	140	140		
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	6.7	7.5	8.2	10	11.4	13.7	16	17.6
	MOC(A)	9.6	10.8	11.9	14.4	16.4	19.9	23	25.5
	LRA(A)	88	88	88	136	136	136	167	180
380V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA (A)								
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	3	3.9	4.5	5.4	6.2	7.4	8.2	8.9
	MOC (A)	4.1	5	5.6	6.7	7.6	9.2	10.7	11.8
	LRA (A)	22	45	45	60	60	60	65	85
575V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA(A)								
Crankcase Heater / Calentador del cárter(W)		70							
Fitting Dimensions / Medidas de montaje(Inch)									
Discharge Tube / Tubo de descarga(OD)		1/2							
Suction Tube / Tubo de succión(OD)		7/8							
Product Dimensions / Dimensiones del producto(MM)									
Length / Largo(L)		239							
Width / Ancho(W)		239							
Height / Altura(H)	1 Phase/Fase	418				463			
	3 Phase/Fase	418						463	
Oil Type / Tipo de aceite		POE							
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase	1.4			1.6				
	3 Phase/Fase	1.4			1.6				
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	1.25			1.45				
	3 Phase/Fase	1.25			1.45				
Max Operating Pressure / Presión operativa máxima(MPa)									
High Side / Máximo		2.5							
Low Side / Mínimo		1.9							
Weight / Peso(kg)	1 Phase/Fase	31	31	32	33	38	38		
	3 Phase/Fase	29	30	30	31	31	32	33	36

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

YM/YS Series

Specifications / Specifications

60Hz

R455A

Model / Modelo		YM34U	YM43U	YM49U	YS24U	YS28U	YS34U	YS40U	YS42U
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7
Displacement / Desplazamiento(m³/h)		7	8.8	9.8	12.2	14.2	17.5	20.6	22.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	14402	17796	19711	24573	28872	36102		
	Power in Watt / Potencia en Watt(W)	2266	2602	2871	3433	3822	4593		
	EER (BTU/Wh)	6.36	6.84	6.87	7.16	7.55	7.86		
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	14006	17797	19711	24573	28872	35778	41732	44376
	Power in Watt / Potencia en Watt(W)	2037	2555	2789	3352	3825	4593	5317	5836
	EER (BTU/Wh)	6.88	6.97	7.07	7.33	7.55	7.79	7.85	7.60
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	11.2	12.2	13.5	16.1	17.8	21.3		
	MOC(A)	16	18.3	20.3	31	34.4	41.5		
	LRA (A)	76	76	76	109	140	140		
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	7.2	8.3	9	10.8	12.4	14.8	17.2	20.2
	MOC(A)	10.4	11.9	13	15.6	17.8	21.4	24.8	27.2
	LRA(A)	88	88	88	136	136	136	167	180
380V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA (A)								
460V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC (A)								
	LRA (A)								
575V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA(A)								
Crankcase Heater / Calentador del cárter(W)		70							
Fitting Dimensions / Medidas de montaje(Inch)									
Discharge Tube / Tubo de descarga(OD)		1/2							
Suction Tube / Tubo de succión(OD)		7/8							
Product Dimensions / Dimensiones del producto(MM)									
Length / Largo(L)		239							
Width / Ancho(W)		239							
Height / Altura(H)	1 Phase/Fase	418				463			
	3 Phase/Fase	418						463	
Oil Type / Tipo de aceite		POE							
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase	1.4			1.6				
	3 Phase/Fase	1.4			1.6				
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	1.25			1.45				
	3 Phase/Fase	1.25			1.45				
Max Operating Pressure / Presión operativa máxima(MPa)									
High Side / Máximo		2.5							
Low Side / Mínimo		1.9							
Weight / Peso(kg)	1 Phase/Fase	31	31	32	33	38	38		
	3 Phase/Fase	29	30	30	31	31	32	33	36

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

YM Series

Specifications / Specifications

60Hz
R290

Model / Modelo		YM31P	YM37P	YM42P	YM52P	YM60P	YM73P	YM90P	YM101P
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7
Displacement / Desplazamiento(m³/h)		7	8.8	9.7	12.2	14.2	17.4	20.5	22.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)								
	Power in Watt / Potencia en Watt(W)								
	EER (BTU/Wh)								
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	12484	15256	17209	22065	25447	31584	36706	41028
	Power in Watt / Potencia en Watt(W)	1908	2184	2459	2972	3421	4094	4774	5164
	EER (BTU/Wh)	6.54	6.99	7.00	7.42	7.44	7.71	7.69	7.95
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA (A)								
220V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA(A)								
380V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA (A)								
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	2.8	3.3	3.6	5.0	5.5	6.5	7.3	7.7
	MOC (A)	4.0	4.5	5.0	6.6	7	8.3	9.7	10.8
	LRA (A)	22	22	22	45	45	60	60	60
575V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA(A)								
Crankcase Heater / Calentador del cárter(W)		70							
Fitting Dimensions / Medidas de montaje(Inch)									
Discharge Tube / Tubo de descarga(OD)		1/2							
Suction Tube / Tubo de succión(OD)		7/8							
Product Dimensions / Dimensiones del producto(MM)									
Length / Largo(L)		239							
Width / Ancho(W)		239							
Height / Altura(H)	1 Phase/Fase								
	3 Phase/Fase	418							
Oil Type / Tipo de aceite		PAG							
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase								
	3 Phase/Fase	1.4						1.6	
Recharge Volume Volumen de recarga(L)	1 Phase/Fase								
	3 Phase/Fase	1.25						1.45	
Max Operating Pressure / Presión operativa máxima(MPa)									
High Side / Máximo		2.1							
Low Side / Mínimo		1.7							
Weight / Peso(kg)	1 Phase/Fase								
	3 Phase/Fase	29	30	30	31	31	31	33	38

E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

YS Series

Capacity / Capacidad

R404A

60Hz
1 Phase / Fase

Model / Modelo	C.T. (°C)	E.T. (°C)							
		-30	-25	-20	-15	-10	-5	0	5
YS15E3	Cap (BTU/H)	60		5770	7353	9291	11611	14344	17510
		50	4760	6128	7827	9881	12314	15156	18432
		40	5879	7609	9693	12154	15023	18322	22082
		30	6988	9015	11417	14225	17466	21161	25338
	Power (W)	60		2363	2478	2593	2704	2807	2899
		50	1808	1899	1991	2081	2167	2245	2311
		40	1562	1635	1706	1772	1829	1874	1905
		30	1363	1420	1471	1512	1541	1554	1549
YS19E3	Cap (BTU/H)	60		6619	8431	10656	13320	16453	20083
		50	5459	7029	8977	11335	14126	17384	21144
		40	6746	8728	11120	13941	17231	21018	25327
		30	8015	10338	13099	16320	20032	24273	29063
	Power (W)	60		2710	2843	2974	3101	3220	3326
		50	2074	2178	2283	2387	2486	2575	2651
		40	1791	1875	1957	2032	2098	2150	2185
		30	1564	1629	1687	1735	1768	1783	1776
YS21E3	Cap (BTU/H)	60		8001	10195	12884	16101	19889	24283
		50	6599	8499	10854	13703	17077	21018	25563
		40	8155	10553	13443	16855	20834	25409	30623
		30	9690	12502	15835	19728	24218	29343	35137
	Power (W)	60		3276	3437	3596	3749	3892	4021
		50	2508	2633	2761	2886	3005	3113	3205
		40	2165	2267	2366	2457	2536	2599	2641
		30	1891	1969	2040	2097	2137	2156	2147

Suction Superheat 11.1K, No Subcooling

	20°C Max, Return Gas Temp.
	4.4°C Max, Return Gas Temp. 125°C Max, Discharge Gas Temp.

Recalentamiento de succión 11.1K, sin subenfriamiento

	20 °C máx., temperatura del gas de retorno.
	4,4 °C máx., temperatura del gas de retorno. 125 °C máx., temperatura del gas de descarga.

YM Series

Capacity / Capacidad

R404A

60Hz
1 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM24E3	Cap (BTU/H)	60			5183	6336	7629	9110	10819	12805	15112
		50	4204	5326	6561	7957	9557	11403	13546	16026	18892
		40	5016	6251	7667	9305	11208	13423	15999	18974	22396
		30	5698	7053	8646	1052	12734	15320	18326	21796	25774
	Power (W)	60			1911	2002	2088	2168	2242	2309	2369
		50	1453	1533	1612	1688	1761	1831	1896	1956	2011
		40	1233	1298	1362	1426	1489	1551	1610	1666	1718
		30	1052	1103	1156	1211	1266	1322	1378	1432	1485
YM28E3	Cap (BTU/H)	60			6049	7394	8902	10628	12624	14941	17630
		50	4906	6213	7657	9284	11147	13303	15804	18698	22038
		40	5852	7295	8943	10854	13075	15661	18664	22137	26129
		30	6650	8226	10086	12280	14856	17872	21380	25426	30070
	Power (W)	60			2229	2336	2436	2530	2616	2694	2764
		50	1695	1789	1880	1969	2055	2136	2212	2282	2346
		40	1439	1514	1589	1664	1738	1809	1878	1944	2005
		30	1227	1287	1349	1412	1477	1543	1607	1671	1733
YM34E3	Cap (BTU/H)	60			7521	9193	11070	13217	15698	18580	21926
		50	6102	7728	9520	11544	13864	16546	19653	23253	27409
		40	7275	9070	11123	13498	16261	19477	23211	27528	32493
		30	8269	10232	12544	15270	18476	22227	26587	31621	37395
	Power (W)	60			2692	2820	2941	3054	3158	3253	3337
		50	2046	2160	2270	2378	2481	2579	2671	2755	2832
		40	1737	1828	1919	2009	2098	2184	2268	2347	2420
		30	1482	1553	1628	1705	1784	1862	1941	2018	2092
YM43E3	Cap (BTU/H)	60			8984	10981	13223	15787	18751	22192	26190
		50	7288	9230	11371	13788	16560	19763	23475	27774	32738
		40	8690	10834	13285	16122	19423	23264	27725	32881	38812
		30	9877	12221	14983	18240	22069	26549	31756	37770	44666
	Power (W)	60			3142	3292	3433	3565	3687	3797	3895
		50	2389	2521	2650	2776	2896	3010	3117	3216	3306
		40	2028	2134	2240	2345	2449	2550	2647	2739	2825
		30	1730	1813	1901	1991	2082	2174	2265	2355	2442
YM49E3	Cap (BTU/H)	60			10238	12513	15068	17989	21367	25289	29844
		50	8305	10518	12958	15712	18870	22520	26751	31650	37306
		40	9903	12345	15139	18372	22133	26511	31593	37469	44227
		30	11255	13927	17074	20785	25148	30253	36187	43040	50899
	Power (W)	60			3501	3668	3825	3972	4108	4231	4340
		50	2661	2809	2953	3093	3227	3354	3473	3584	3684
		40	2259	2377	2496	2613	2729	2841	2949	3052	3148
		30	1927	2020	2118	2218	2320	2422	2524	2624	2721
YM60E3	Cap (BTU/H)	60			12539	15326	18455	22033	26170	30974	36553
		50	10172	12883	15871	19244	23112	27583	32764	38764	45693
		40	12129	15121	18542	22502	27109	32470	38695	45892	54169
		30	13785	17057	20912	25457	30802	37054	44322	52715	62340
	Power (W)	60			4041	4232	4412	4580	4735	4875	5000
		50	3082	3250	3415	3575	3728	3873	4010	4136	4250
		40	2622	2757	2892	3027	3159	3287	3411	3528	3638
		30	2243	2349	2461	2575	2692	2809	2925	3039	3150

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R404A

60Hz
1 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)									
			-30	-25	-20	-15	-10	-5	0	5	10	
YM70E3	Cap (BTU/H)	60			14625	17876	21525	25699	30524	36127	42634	
		50	11864	15026	18511	22446	26958	32172	38215	45214	53295	
		40	14147	17636	21627	26246	31619	37872	45133	53527	63182	
		30	16078	19895	24391	29693	35926	43219	51696	61485	72712	
	Power (W)	60			4668	4890	5100	5296	5477	5641	5786	
		50	3548	3745	3937	4123	4302	4472	4631	4778	4911	
		40	3012	3169	3327	3484	3638	3788	3932	4069	4197	
		30	2569	2694	2823	2957	3093	3229	3365	3498	3628	
	YM86E3	Cap (BTU/H)	60			17968	21962	26445	31573	37501	44385	52379
			50	14576	18460	22742	27577	33119	39525	46950	55549	65476
40			17380	21667	26571	32245	38846	46529	55449	65762	77623	
30			19754	24442	29966	36479	44138	53097	63513	75539	89332	
Power (W)		60			5760	6035	6294	6536	6759	6961	7141	
		50	4379	4622	4859	5089	5309	5519	5715	5897	6061	
		40	3718	3912	4106	4299	4490	4675	4853	5022	5180	
		30	3171	3324	3485	3649	3817	3986	4153	4318	4477	

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R404A

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM24E*	Cap (BTU/H)	60			5237	6404	7711	9206	10935	12942	15272
		50	4251	5381	6630	8042	9656	11526	13689	16197	19090
		40	5067	6319	7749	9400	11328	13566	16166	19175	22632
		30	5759	7128	8738	10635	12870	15480	18517	22024	26047
	Power (W)	60			1886	1980	2068	2150	2226	2294	2355
		50	1417	1500	1580	1658	1733	1804	1871	1933	1989
		40	1193	1259	1325	1390	1455	1518	1578	1636	1689
		30	1007	1059	1114	1170	1227	1284	1341	1397	1451
YM28E*	Cap (BTU/H)	60			5971	7298	8789	10492	12461	14750	17405
		50	4845	6135	7558	9165	11007	13133	15603	18459	21758
		40	5777	7199	8830	10714	12908	15463	18425	21854	25795
		30	6565	8121	9956	12123	14668	17643	21107	25102	29684
	Power (W)	60			2064	2166	2263	2353	2436	2511	2577
		50	1551	1641	1729	1815	1897	1975	2048	2115	2176
		40	1305	1377	1450	1521	1592	1661	1727	1790	1849
		30	1102	1159	1219	1280	1342	1405	1467	1528	1588
YM34E*	Cap (BTU/H)	60			7521	9193	11070	13217	15698	18580	21926
		50	6102	7728	9520	11544	13864	16546	19653	23253	27409
		40	7275	9070	11123	13498	16261	19477	23211	27528	32493
		30	8269	10232	12544	15270	18476	22227	26587	31621	37395
	Power (W)	60			2657	2788	2912	3028	3135	3232	3317
		50	1996	2112	2226	2336	2441	2542	2636	2722	2801
		40	1680	1773	1866	1958	2049	2138	2223	2304	2380
		30	1418	1492	1569	1647	1728	1808	1888	1967	2044
YM43E*	Cap (BTU/H)	60			8984	10981	13223	15787	18751	22192	26190
		50	7288	9230	11371	13788	16560	19763	23475	27774	32738
		40	8690	10834	13285	16122	19423	23264	27725	32881	38812
		30	9877	12221	14983	18240	22069	26549	31756	37770	44666
	Power (W)	60			3002	3151	3291	3422	3542	3651	3748
		50	2256	2387	2515	2639	2758	2872	2978	3076	3165
		40	1898	2003	2108	2213	2315	2416	2512	2603	2689
		30	1603	1686	1772	1861	1952	2043	2134	2223	2309
YM49E*	Cap (BTU/H)	60			10238	12513	15068	17989	21367	25289	29844
		50	8305	10518	12958	15712	18870	22520	26751	31650	37306
		40	9903	12345	15139	18372	22133	26511	31593	37469	44227
		30	11255	13927	17074	20785	25148	30253	36187	43040	50899
	Power (W)	60			3331	3496	3651	3796	3930	4051	4159
		50	2503	2648	2790	2928	3061	3186	3304	3413	3512
		40	2106	2222	2339	2455	2569	2680	2787	2888	2983
		30	1778	1870	1966	2065	2166	2267	2367	2466	2562
YM60E*	Cap (BTU/H)	60			12591	15301	18425	21997	26127	30923	36493
		50	10155	12862	15845	19213	23074	27537	32710	38701	45617
		40	12109	15096	18512	22465	27064	32417	38631	45816	54080
		30	13762	17029	20877	25415	30751	36993	44249	52628	62237
	Power (W)	60			4094	4296	4487	4666	4830	4979	5111
		50	3076	3254	3429	3599	3761	3916	4061	4194	4316
		40	2588	2731	2875	3017	3157	3294	3425	3550	3666
		30	2185	2299	2417	2538	2662	2786	2909	3031	3148

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM/YMZ Series

Capacity / Capacidad

R404A

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM70E*	Cap (BTU/H)	60			14625	17876	21525	25699	30524	36127	42634
		50	11864	15026	18511	22446	26958	32172	38215	45214	53295
		40	14147	17636	21627	26246	31619	37872	45133	53527	63182
		30	16078	19895	24391	29693	35926	43219	51696	61485	72712
	Power (W)	60			4621	4850	5065	5267	5452	5620	5770
		50	3472	3674	3871	4062	4246	4420	4584	4735	4872
		40	2922	3083	3245	3406	3564	3718	3866	4007	4138
		30	2467	2595	2728	2865	3005	3145	3284	3421	3554
YM86E*	Cap (BTU/H)	60			17968	21962	26445	31573	37501	44385	52379
		50	14576	18460	22742	27577	33119	39525	46950	55549	65476
		40	17380	21667	26571	32245	38846	46529	55449	65762	77623
		30	19754	24442	29966	36479	44138	53097	63513	75539	89332
	Power (W)	60			5554	5828	6088	6330	6553	6755	6934
		50	4173	4415	4652	4882	5103	5313	5509	5691	5855
		40	3511	3705	3900	4093	4284	4469	4647	4816	4974
		30	2965	3118	3279	3444	3611	3780	3947	4112	4272
YM102E*	Cap (BTU/H)	60			21311	26048	31365	37447	44478	52643	62124
		50	17288	21895	26973	32707	39281	46879	55685	65883	77658
		40	20614	25699	31514	38244	46073	55186	65765	77997	92065
		30	23429	28990	35541	43266	52350	62976	75329	89593	105952
	Power (W)	60			6587	6913	7220	7507	7772	8012	8224
		50	4949	5237	5518	5791	6052	6301	6534	6749	6945
		40	4165	4395	4626	4855	5081	5300	5511	5712	5899
		30	3517	3699	3889	4084	4283	4483	4682	4877	5066
YM115E*	Cap (BTU/H)	60			24075	29427	35434	42305	50248	59472	70183
		50	19503	24735	30472	36950	44377	52960	62909	74430	87733
		40	23288	29032	35602	43205	52050	62345	74297	88116	104008
		30	26468	32751	40152	48879	59141	71146	85101	101216	119697
	Power (W)	60			7708	8089	8449	8785	9095	9375	9624
		50	5791	6128	6457	6776	7082	7373	7646	7989	8126
		40	4873	5143	5413	5681	5945	6202	6449	6684	6903
		30	4115	4328	4550	4779	5012	5246	5478	5707	5928
YMZ46E*	Cap (BTU/H)	60			9249	11129	13311	15919	19051	22822	27342
		50	6801	8963	11301	13933	16959	20492	24648	29525	35241
		40	8262	10809	13626	16816	20497	24771	29750	35548	42266
		30	9925	12664	15763	19330	23469	28292	33914	40436	47970
	Power (W)	60			3142	3326	3492	3637	3762	3866	3950
		50	2408	2566	2711	2845	2968	3078	3176	3260	3331
		40	2104	2209	2311	2410	2503	2593	2677	2756	2828
		30	1811	1880	1954	2030	2111	2194	2279	2366	2455
YMZ83E*	Cap (BTU/H)	60			16222	19882	24194	29300	35343	42475	50836
		50	13020	16562	20632	25381	30954	37488	45137	54042	64348
		40	15854	19952	24755	30405	37050	44830	53895	64389	76451
		30	18441	22916	28260	34626	42156	50996	61285	73179	86818
	Power (W)	60			5560	5842	6104	6346	6566	6768	6948
		50	4162	4421	4666	4898	5118	5324	5518	5699	5867
		40	3517	3721	3918	4110	4296	4477	4652	4822	4987
		30	2999	3156	3314	3475	3637	3802	3967	4136	4307

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM/YMZ Series

Capacity / Capacidad

R404A

60Hz
3 Phase / Fase

Model / Modelo	C.T. (°C)	E.T. (°C)								
		-30	-25	-20	-15	-10	-5	0	5	10
YMZ110E*	Cap (BTU/H)	60		18212	23363	33746	40465	48048	56814	67095
		50	13622	18433	28456	35097	42422	50754	60421	85078
		40	20922	27154	33889	41452	50177	60388	72409	103208
		30	25344	31809	39257	48015	58407	70759	85405	102667
	Power (W)	60		7411	7784	8122	8437	8746	9062	9401
		50	5640	6013	6336	6622	6887	7144	7406	8011
		40	4806	5106	5369	5609	5840	6079	6337	6631
		30	4021	4286	4530	4764	5004	5263	5557	5900
YM125E*	Cap (BTU/H)	60		26116	31921	38438	45891	54508	64513	76132
		50	21186	26832	33056	40083	48139	57450	68241	80739
		40	25262	31493	38620	46868	56462	67629	80595	95585
		30	28712	35527	43555	53022	64154	77176	92315	109795
	Power (W)	60		8073	8472	8848	9200	9525	9818	10079
		50	6065	6418	6762	7096	7417	7722	8007	8271
		40	5104	5386	5669	5950	6226	6495	6754	7000
		30	4310	4533	4765	5005	5249	5494	5737	5977
YM132E*	Cap (BTU/H)	60		27579	33709	40590	48461	57560	68126	80396
		50	22372	28335	34907	42327	50834	60667	72063	85261
		40	26677	33257	40783	49492	59624	71417	85108	100937
		30	30319	37516	45994	55992	67747	81498	97484	115944
	Power (W)	60		8451	8869	9263	9632	9971	10279	10551
		50	6349	6719	7079	7429	7765	8084	8383	8659
		40	5343	5638	5935	6229	6518	6800	7071	7328
		30	4512	4745	4989	5240	5495	5751	6006	6257
YM158E*	Cap (BTU/H)	60		33847	41370	49816	59475	70642	83609	98668
		50	27457	34774	42840	51947	62388	74455	88441	104638
		40	32740	40815	50051	60740	73175	87648	104451	123878
		30	37210	46043	56447	68717	83144	100021	119640	142295
	Power (W)	60		10372	10885	11369	11821	12237	12615	12950
		50	7792	8245	8688	9118	9530	9921	10288	10627
		40	6557	6920	7283	7644	8000	8345	8678	8993
		30	5537	5824	6123	6431	6744	7059	7372	7679
YM182E*	Cap (BTU/H)	60		38025	46478	55966	66818	79364	93931	110849
		50	30847	39067	48129	58360	70090	83647	99359	117556
		40	36782	45854	56231	68239	82209	98468	117346	139171
		30	41804	51727	63416	77201	93408	112369	134410	159862
	Power (W)	60		11504	12072	12609	13111	13573	13991	14363
		50	8643	9145	9636	10113	10570	11004	11411	11787
		40	7273	7675	8078	8479	8872	9256	9624	9975
		30	6141	6459	6791	7132	7480	7829	8176	8517
YM200E*	Cap (BTU/H)	60		41818	51113	61547	73482	87279	103299	121904
		50	33923	42963	52929	64181	77080	91989	109269	129280
		40	40450	50427	61839	75045	90408	108289	129049	153051
		30	45973	56886	69741	84900	102724	123576	147815	175805
	Power (W)	60		12648	13273	13863	14415	14923	15383	15791
		50	9502	10055	10595	11118	11621	12098	12546	12959
		40	7996	8438	8882	9322	9755	10176	10582	10967
		30	6752	7102	7466	7842	8224	8607	8989	9364

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM/YSM Series

Capacity / Capacidad

R404A

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM210E*	Cap (BTU/H)	60			43929	53694	64655	77192	91685	108514	128059
		50	35636	45133	55601	67421	80972	96633	114785	135808	160080
		40	42492	52973	64961	78834	94972	113756	135565	160778	189776
		30	48294	59758	73262	89186	107911	129815	155278	184681	218403
	Power (W)	60			13174	13825	14440	15015	15544	16023	16448
		50	9898	10473	11036	11581	12105	12602	13068	13499	13889
		40	8329	8789	9251	9710	10161	10600	11022	11423	11798
		30	7033	7397	7777	8168	8566	8966	9363	9754	10132
YM240E*	Cap (BTU/H)	60			43916	53678	64636	77170	91659	108483	128022
		50	35625	45120	55585	67402	80949	96606	114753	135769	160034
		40	42480	52958	64942	78811	94945	113724	135526	160733	189722
		30	48281	59741	73241	89161	107880	129778	155234	184629	218341
	Power (W)	60			13174	13825	14440	15015	15544	16023	16448
		50	9898	10473	11036	11581	12105	12602	13068	13499	13889
		40	8329	8789	9251	9710	10161	10600	11022	11423	11798
		30	7033	7397	7777	8168	8566	8966	9363	9754	10132
YSM235E*	Cap (BTU/H)	60			49520	60528	72884	87017	103355	122326	144358
		50	40171	50877	62678	76002	91278	108933	129395	153093	180454
		40	47900	59716	73229	88868	107060	128235	152819	181242	213931
		30	54441	67364	82587	100538	121645	146337	175042	208187	246201
	Power (W)	60			15514	16281	17005	17681	18304	18869	19369
		50	11656	12333	12996	13638	14254	14840	15389	15896	16356
		40	9808	10350	10894	11434	11965	12482	12979	13452	13894
		30	8282	8711	9158	9619	10087	10558	11026	11486	11932
YSM260E*	Cap (BTU/H)	60			54788	66966	80637	96274	114350	135339	159715
		50	44445	56289	69346	84087	100988	120521	143160	169379	199651
		40	52996	66068	81019	98321	118449	141877	169076	200523	236689
		30	60233	74530	91372	111233	134586	161905	193663	230334	272392
	Power (W)	60			17164	18013	18814	19562	20251	20876	21430
		50	12896	13645	14378	15089	15771	16418	17026	17587	18096
		40	10852	11451	12053	12651	13238	13810	14360	14883	15372
		30	9163	9637	10132	10642	11160	11681	12199	12708	13201

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R404A

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM260E*	Cap (BTU/H)	60			46160	52758	75121	83341	104297	123901	147125
		50	33873	44762	64013	76727	92197	104017	132233	157215	185781
		40	48265	59952	73946	90453	109682	123963	157129	185763	217947
		30	54689	68515	84613	103189	124451	140056	175860	206421	240497
	Power (W)	60			15580	16541	17349	17985	19144	19868	20452
		50	12181	12857	13261	14152	14987	15496	16405	16949	17356
		40	10133	10864	11583	12269	12904	13284	13937	14296	14523
		30	9069	9581	10086	10564	10994	11243	11634	11803	11846
YM280E*	Cap (BTU/H)	60			49821	56941	81073	95088	112563	133723	158789
		50	36559	48310	69089	82809	99506	119401	142714	169676	200507
		40	52089	64704	79808	97623	118377	142289	169586	200486	235223
		30	59025	73945	91321	111368	134317	160386	189800	222784	259560
	Power (W)	60			16816	17852	18725	19747	20662	21443	22073
		50	13147	13877	14312	15274	16175	16992	17705	18292	18732
		40	10936	11725	12500	13242	13926	14533	15042	15428	15674
		30	9788	10340	10885	11401	11866	12258	12556	12739	12786
YM350E*	Cap (BTU/H)	60			66136	79485	95530	115013	138673	167252	201489
		50	50746	63972	78959	96450	117185	141904	171349	206259	247376
		40	59147	74492	92146	112851	137348	166376	200677	240991	288059
		30	67937	84473	103867	126859	154189	186599	224829	269619	321711
	Power (W)	60			20740	22289	23733	25077	26330	27496	28584
		50	15223	16722	18114	19406	20605	21717	22749	23708	24601
		40	13579	14800	15927	16967	17925	18810	19626	20382	21084
		30	12069	13017	13883	14674	15397	16058	16663	17220	17735
YM410E*	Cap (BTU/H)	60			76383	91801	110332	132834	160160	193167	232710
		50	58609	73884	91194	111395	135343	163892	197899	238219	285707
		40	68311	86034	106424	130338	158630	192157	231773	278333	332695
		30	78464	97562	119961	146516	178081	215513	259667	311398	371561
	Power (W)	60			24124	25926	27605	29169	30626	31983	33248
		50	17708	19451	21070	22573	23967	25261	26462	27577	28615
		40	15795	17216	18527	19736	20850	21879	22829	23708	24524
		30	14038	15141	16149	17069	17909	18678	19382	20030	20629

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R448 R449A

60Hz
1 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM34E3	Cap (BTU/H)	60				9332	11269	13603	16387	19674	23515
		50		7005	8704	10730	13135	15972	19293	23151	27598
		40	6134	7823	9821	12181	14954	18194	21952	26282	31235
		30	6881	8735	10933	13527	16569	20112	24208	28910	34269
	Power (W)	60				2185	2320	2427	2512	2582	2640
		50		1649	1777	1879	1959	2024	2080	2131	2184
		40	1361	1454	1528	1587	1637	1683	1733	1790	1861
		30	1193	1244	1287	1327	1371	1423	1490	1578	1692
YM43E3	Cap (BTU/H)	60				11770	14213	17157	20669	24814	29659
		50		8836	10978	13533	16566	20144	24333	29199	34808
		40	7737	9867	12388	15364	18862	22947	27688	33148	39396
		30	8678	11018	13790	17062	20898	25367	30533	36463	43223
	Power (W)	60				2755	2926	3061	3169	3256	3330
		50		2080	2242	2370	2471	2553	2623	2688	2754
		40	1716	1834	1927	2001	2064	2123	2185	2258	2347
		30	1505	1569	1623	1674	1729	1795	1880	1990	2134
YM49E3	Cap (BTU/H)	60				13058	15769	19036	22932	27531	32907
		50		9802	12180	15015	18380	22350	26998	32397	38620
		40	8583	10947	13744	17046	20927	25461	30720	36779	43710
		30	9628	12224	15300	18930	23187	28145	33877	40456	47957
	Power (W)	60				3057	3246	3396	3516	3613	3695
		50		2308	2487	2629	2742	2833	2910	2982	3056
		40	1904	2035	2138	2220	2290	2356	2425	2505	2604
		30	1670	1741	1801	1857	1918	1992	2086	2208	2367
YM60E3	Cap (BTU/H)	60				16253	19627	23693	28542	34267	40957
		50		12201	15160	18688	22877	27818	33603	40322	48068
		40	10683	13626	17106	21216	26046	31689	38235	45776	54404
		30	11984	15215	19043	23561	28860	35030	42164	50353	59688
	Power (W)	60				3805	4040	4227	4376	4497	4599
		50		2872	3096	3273	3413	3526	3622	3711	3803
		40	2370	2533	2661	2764	2851	2932	3018	3118	3242
		30	2078	2167	2241	2311	2387	2479	2596	2749	2946
YM70E3	Cap (BTU/H)	60				17264	21692	26681	32397	39006	46674
		50		13460	17324	21579	26390	31925	38348	45825	54523
		40	12616	16257	20284	24864	30163	36346	43578	52027	61857
		30	14376	18122	22416	27424	33312	40246	48391	57913	68978
	Power (W)	60				4708	4935	5162	5384	5598	5800
		50		3456	3648	3847	4049	4251	4448	4637	4814
		40	2752	2906	3070	3241	3416	3590	3760	3922	4072
		30	2370	2493	2627	2769	2914	3058	3199	3332	3453
YM86E3	Cap (BTU/H)	60				21212	26652	32782	39805	47925	57346
		50		16538	21285	26513	32424	39224	47116	56302	66988
		40	15501	19974	24922	30549	37059	44655	53541	63921	75998
		30	17662	22265	27541	33694	40928	49446	59454	71153	84748
	Power (W)	60				5784	6064	6342	6615	6878	7126
		50		4246	4482	4726	4975	5223	5465	5697	5915
		40	3382	3570	3772	3982	4197	4411	4620	4819	5003
		30	2912	3063	3228	3401	3580	3758	3930	4094	4242

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

R448 R449A

Capacity / Capacidad

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM34E*	Cap (BTU/H)	60				9193	11070	13217	15698	18580	21926
		50		7728	9520	11544	13864	16546	19653	23253	27409
		40	7275	9070	11123	13498	16261	19477	23211	27528	32493
		30	8269	10232	12544	15270	18476	22227	26587	31621	37395
	Power (W)	60				2788	2912	3028	3135	3232	3317
		50		2112	2226	2336	2441	2542	2636	2722	2801
		40	1680	1773	1866	1958	2049	2138	2223	2304	2380
		30	1418	1492	1569	1647	1728	1808	1888	1967	2044
YM43E*	Cap (BTU/H)	60				10981	13223	15787	18751	22192	26190
		50		9230	11371	13788	16560	19763	23475	27774	32738
		40	8690	10834	13285	16122	19423	23264	27725	32881	38812
		30	9877	12221	14983	18240	22069	26549	31756	37770	44666
	Power (W)	60				3151	3291	3422	3542	3651	3748
		50		2387	2515	2639	2758	2872	2978	3076	3165
		40	1898	2003	2108	2213	2315	2416	2512	2603	2689
		30	1603	1686	1772	1861	1952	2043	2134	2223	2309
YM49E*	Cap (BTU/H)	60				12513	15068	17989	21367	25289	29844
		50		10518	12958	15712	18870	22520	26751	31650	37306
		40	9903	12345	15139	18372	22133	26511	31593	37469	44227
		30	11255	13927	17074	20785	25148	30253	36187	43040	50899
	Power (W)	60				3496	3651	3796	3930	4051	4159
		50		2648	2790	2928	3061	3186	3304	3413	3512
		40	2106	2222	2339	2455	2569	2680	2787	2888	2983
		30	1778	1870	1966	2065	2166	2267	2367	2466	2562
YM60E*	Cap (BTU/H)	60				15301	18425	21997	26127	30923	36493
		50		12862	15845	19213	23074	27537	32710	38701	45617
		40	12109	15096	18512	22465	27064	32417	38631	45816	54080
		30	13762	17029	20877	25415	30751	36993	44249	52628	62237
	Power (W)	60				4296	4487	4666	4830	4979	5111
		50		3254	3429	3599	3761	3916	4061	4194	4316
		40	2588	2731	2875	3017	3157	3294	3425	3550	3666
		30	2185	2299	2417	2538	2662	2786	2909	3031	3148
YM70E*	Cap (BTU/H)	60				17876	21525	25699	30524	36127	42634
		50		15026	18511	22446	26958	32172	38215	45214	53295
		40	14147	17636	21627	26246	31619	37872	45133	53527	63182
		30	16078	19895	24391	29693	35926	43219	51696	61485	72712
	Power (W)	60				4850	5065	5267	5452	5620	5770
		50		3674	3871	4062	4246	4420	4584	4735	4872
		40	2922	3083	3245	3406	3564	3718	3866	4007	4138
		30	2467	2595	2728	2865	3005	3145	3284	3421	3554
YM86E*	Cap (BTU/H)	60				21962	26445	31573	37501	44385	52379
		50		18460	22742	27577	33119	39525	46950	55549	65476
		40	17380	21667	26571	32245	38846	46529	55449	65762	77623
		30	19754	24442	29966	36479	44138	53097	63513	75539	89332
	Power (W)	60				5828	6088	6330	6553	6755	6934
		50		4415	4652	4882	5103	5313	5509	5691	5855
		40	3511	3705	3900	4093	4284	4469	4647	4816	4974
		30	2965	3118	3279	3444	3611	3780	3947	4112	4272

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R448 R449A

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)									
			-30	-25	-20	-15	-10	-5	0	5	10	
YM102E*	Cap (BTU/H)	60				25032	31452	38686	46973	56555	67672	
		50		19516	25118	31287	38263	46288	55600	66441	79051	
		40	18292	23570	29410	36050	43732	52696	63183	75432	89684	
		30	20843	26274	32500	39761	48298	58350	70160	83966	100009	
	Power (W)	60				6780	7120	7459	7791	8110	8411	
		50		4911	5197	5495	5797	6098	6392	6675	6939	
		40	3860	4089	4334	4590	4851	5111	5365	5607	5831	
		30	3289	3473	3673	3884	4101	4317	4527	4726	4906	
	YM115E*	Cap (BTU/H)	60				27502	34555	42503	51608	62136	74350
			50		21442	27596	34374	42039	50855	61086	72997	86852
40			20097	25896	32312	39608	48048	57896	69417	82875	98533	
30			22899	28867	35707	43684	53064	64108	77083	92251	109877	
Power (W)		60				7413	7785	8155	8518	8867	9196	
		50		5369	5682	6008	6338	6667	6989	7298	7587	
		40	4221	4471	4739	5018	5304	5588	5866	6131	6376	
		30	3596	3797	4016	4247	4484	4720	4950	5167	5364	
YM125E*		Cap (BTU/H)	60				31202	37892	45981	55494	66456	78891
			50		24481	29535	36088	44166	53791	64990	77785	92203
	40		23100	27369	33262	40803	50017	60928	73561	87940	104089	
	30		25958	30666	37148	45427	55527	67473	81290	97001	114631	
	Power (W)	60				7345	7798	8184	8534	8879	9250	
		50		5384	5908	6323	6660	6951	7226	7516	7853	
		40	4143	4669	5077	5396	5658	5893	6134	6410	6753	
		30	3547	3977	4308	4572	4798	5019	5265	5566	5955	
	YM132E*	Cap (BTU/H)	60				32762	39786	48280	58269	69779	82835
			50		25705	31012	37893	46374	56481	68239	81675	96813
40			24255	28737	34925	42843	52518	63975	77239	92337	109294	
30			27256	32200	39005	47698	58303	70847	85354	101851	120363	
Power (W)		60				7713	8188	8594	8961	9323	9713	
		50		5654	6203	6639	6993	7298	7587	7892	8246	
		40	4350	4903	5331	5666	5941	6188	6440	6730	7090	
		30	3725	4176	4524	4800	5038	5270	5528	5845	6253	
YM158E*		Cap (BTU/H)	60				40297	48937	59385	71671	85828	101887
			50		31618	38145	46608	57040	69472	83935	100460	119080
	40		29833	35347	42957	52697	64597	78689	95004	113575	134431	
	30		33525	39606	47977	58668	71713	87141	104986	125277	148047	
	Power (W)	60				9564	10154	10656	11112	11561	12044	
		50		7010	7692	8232	8672	9050	9408	9786	10225	
		40	5394	6080	6610	7025	7366	7673	7986	8346	8792	
		30	4619	5179	5610	5953	6247	6535	6854	7247	7754	

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

R448 R449A

Capacity / Capacidad

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM182E*	Cap (BTU/H)	60				45536	55299	67105	80988	96986	115133
		50		35728	43103	52667	64455	78503	94846	113520	134560
		40	33712	39942	48542	59548	72995	88919	107355	128339	151907
		30	37883	44755	54214	66295	81036	98470	118634	141563	167293
	Power (W)	60				10759	11423	11988	12501	13006	13549
		50		7887	8654	9261	9755	10181	10584	11010	11503
		40	6068	6840	7436	7904	8287	8632	8984	9389	9891
		30	5196	5826	6311	6697	7028	7351	7711	8153	8723
YM200E*	Cap (BTU/H)	60				50772	61658	74821	90302	108139	128373
		50		39837	48060	58724	71867	87531	105753	126574	150034
		40	37589	44535	54124	66396	81389	99144	119701	143098	169377
		30	42239	49901	60448	73919	90355	109794	132276	157842	186531
	Power (W)	60				11836	12565	13187	13751	14307	14904
		50		8675	9519	10188	10731	11200	11643	12111	12654
		40	6675	7524	8180	8694	9116	9496	9883	10328	10880
		30	5716	6408	6942	7366	7731	8087	8482	8969	9595
YM210E*	Cap (BTU/H)	60				53311	64741	78563	94817	113546	134791
		50		41828	50463	61660	75461	91907	111041	132903	157536
		40	39468	46762	56830	69715	85458	104101	125686	150253	177845
		30	44351	52396	63470	77615	94872	115283	138890	165734	195858
	Power (W)	60				12486	13256	13912	14507	15094	15724
		50		9153	10043	10748	11321	11815	12283	12777	13349
		40	7042	7937	8630	9172	9617	10018	10426	10896	11478
		30	6030	6761	7324	7771	8156	8531	8949	9462	10123

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R452A

60Hz
1 Phase / Fase

Model / Modelo	C.T. (°C)	E.T. (°C)								
		-30	-25	-20	-15	-10	-5	0	5	10
YM34E3	Cap (BTU/H)	60		7566	9248	11136	13296	15792	18691	22058
		50	6138	7774	9577	11613	13947	16645	19771	23392
		40	7319	9124	11189	13579	16359	19594	23351	27693
		30	8318	10293	12619	15362	18587	22360	26746	31811
	Power (W)	60		2707	2836	2958	3072	3177	3272	3356
		50	2058	2172	2283	2391	2495	2594	2686	2771
		40	1747	1838	1930	2021	2110	2197	2281	2360
		30	1490	1562	1638	1715	1794	1873	1952	2029
YM43E3	Cap (BTU/H)	60		9027	11034	13286	15863	18841	22300	26316
		50	7323	9275	11426	13855	16640	19858	23588	27908
		40	8732	10886	13349	16200	19517	23377	27858	33040
		30	9924	12280	15055	18328	22175	26677	31909	37951
	Power (W)	60		3156	3307	3449	3582	3704	3814	3913
		50	2399	2532	2662	2788	2909	3024	3132	3231
		40	2037	2143	2250	2356	2460	2561	2659	2752
		30	1738	1822	1909	2000	2092	2184	2276	2366
YM49E3	Cap (BTU/H)	60		10219	12490	15040	17957	21328	25243	29790
		50	8290	10499	12934	15684	18836	22479	26702	31592
		40	9885	12323	15112	18339	22093	26463	31536	37401
		30	11235	13901	17043	20747	25103	30198	36122	42962
	Power (W)	60		3494	3660	3817	3964	4100	4222	4331
		50	2656	2803	2947	3086	3220	3347	3466	3576
		40	2255	2372	2490	2608	2723	2835	2943	3046
		30	1923	2016	2113	2213	2315	2417	2519	2619
YM60E3	Cap (BTU/H)	60		12539	15326	18455	22033	26170	30974	36553
		50	10172	12883	15871	19244	23112	27583	32764	38764
		40	12129	15121	18542	22502	27109	32470	38695	45892
		30	13785	17057	20912	25457	30802	37054	44322	52715
	Power (W)	60		4041	4232	4412	4580	4735	4875	5000
		50	3082	3250	3415	3575	3728	3873	4010	4136
		40	2622	2757	2892	3027	3159	3287	3411	3528
		30	2243	2349	2461	2575	2692	2809	2925	3039
YM70E3	Cap (BTU/H)	60		14670	17931	21591	25778	30618	36238	42765
		50	11901	15072	18568	22515	27041	32271	38333	45353
		40	14190	17691	21694	26327	31716	37989	45272	53692
		30	16128	19956	24466	29784	36037	43352	51855	61674
	Power (W)	60		4681	4904	5114	5311	5492	5656	5802
		50	3558	3755	3948	4135	4314	4484	4644	4791
		40	3021	3178	3336	3494	3648	3798	3943	4080
		30	2577	2701	2831	2965	3102	3239	3375	3508
YM86E3	Cap (BTU/H)	60		17973	21967	26452	31581	37511	44396	52392
		50	14580	18465	22748	27584	33128	39535	46962	55562
		40	17385	21673	26577	32253	38856	46541	55463	65779
		30	19759	24449	29973	36488	44149	53111	63528	75558
	Power (W)	60		5761	6035	6294	6536	6759	6961	7141
		50	4379	4622	4859	5089	5309	5519	5715	5897
		40	3718	3912	4106	4300	4490	4675	4853	5022
		30	3171	3324	3485	3649	3817	3986	4153	4318

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R452A

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM34E*	Cap (BTU/H)	60			7566	9248	11136	13296	15792	18691	22058
		50	6138	7774	9577	11613	13947	16645	19771	23392	27573
		40	7319	9124	11189	13579	16359	19594	23351	27693	32688
		30	8318	10293	12619	15362	18587	22360	26746	31811	37619
	Power (W)	60			2672	2804	2929	3046	3153	3250	3336
		50	2008	2124	2239	2349	2455	2556	2651	2738	2817
		40	1690	1783	1877	1970	2061	2150	2236	2317	2393
		30	1427	1500	1578	1657	1738	1819	1899	1978	2055
YM43E*	Cap (BTU/H)	60			9027	11034	13286	15863	18841	22300	26316
		50	7323	9275	11426	13855	16640	19858	23588	27908	32896
		40	8732	10886	13349	16200	19517	23377	27858	33040	38999
		30	9924	12280	15055	18328	22175	26677	31909	37951	44881
	Power (W)	60			3016	3165	3306	3437	3558	3668	3765
		50	2266	2398	2526	2651	2771	2885	2992	3090	3180
		40	1907	2012	2118	2223	2326	2427	2523	2615	2701
		30	1610	1693	1780	1870	1961	2052	2143	2233	2320
YM49E*	Cap (BTU/H)	60			10219	12490	15040	17957	21328	25243	29790
		50	8290	10499	12934	15684	18836	22479	26702	31592	37239
		40	9885	12323	15112	18339	22093	26463	31536	37401	44147
		30	11235	13901	17043	20747	25103	30198	36122	42962	50806
	Power (W)	60			3324	3488	3644	3789	3922	4043	4150
		50	2497	2643	2785	2922	3054	3180	3297	3406	3505
		40	2102	2218	2334	2450	2564	2675	2781	2882	2977
		30	1775	1866	1962	2061	2161	2262	2363	2461	2557
YM60E*	Cap (BTU/H)	60			12519	15301	18425	21997	26127	30923	36493
		50	10155	12862	15845	19213	23074	27537	32710	38701	45617
		40	12109	15096	18512	22465	27064	32417	38631	45816	54080
		30	13762	17029	20877	25415	30751	36993	44249	52628	62237
	Power (W)	60			4094	4296	4487	4666	4830	4979	5111
		50	3076	3254	3429	3599	3761	3916	4061	4194	4316
		40	2588	2731	2875	3017	3157	3294	3425	3550	3666
		30	2185	2299	2417	2538	2662	2786	2909	3031	3148
YM70E*	Cap (BTU/H)	60			14670	17931	21591	25778	30618	36238	42765
		50	11901	15072	18568	22515	27041	32271	38333	45353	53459
		40	14190	17691	21694	26327	31716	37989	45272	53692	63376
		30	16128	19956	24466	29784	36037	43352	51855	61674	72936
	Power (W)	60			4634	4863	5079	5281	5468	5636	5786
		50	3482	3684	3882	4074	4258	4433	4597	4748	4886
		40	2930	3092	3254	3416	3574	3729	3877	4018	4150
		30	2474	2602	2736	2873	3013	3154	3294	3431	3564
YM86E*	Cap (BTU/H)	60			17973	21967	26452	31581	37511	44396	52392
		50	14580	18465	22748	27584	33128	39535	46962	55562	65493
		40	17385	21673	26577	32253	38856	46541	55463	65779	77642
		30	19759	24449	29973	36488	44149	53111	63528	75558	89354
	Power (W)	60			5554	5828	6088	6330	6553	6755	6934
		50	4173	4415	4652	4882	5103	5313	5509	5691	5855
		40	3511	3705	3900	4093	4284	4469	4647	4816	4974
		30	2965	3118	3279	3444	3611	3780	3947	4112	4272

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R452A

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)									
			-30	-25	-20	-15	-10	-5	0	5	10	
YM102E*	Cap (BTU/H)	60			21295	26029	31342	37420	44446	52604	62079	
		50	17275	21879	26954	32684	39253	46845	55644	65835	77602	
		40	20599	25680	31491	38216	46040	55145	65718	77940	91998	
		30	23412	28969	35515	43235	52312	62930	75274	89528	105875	
	Power (W)	60			6581	6906	7213	7500	7764	8004	8216	
		50	4944	5232	5513	5785	6047	6295	6528	6743	6938	
		40	4161	4391	4621	4850	5076	5295	5506	5706	5894	
		30	3513	3695	3885	4080	4279	4479	4677	4872	5061	
	YM115E*	Cap (BTU/H)	60			24033	29375	35372	42231	50160	59367	70059
			50	19496	24692	30419	36885	44299	52867	62798	74299	87578
40			23247	28981	35539	43129	51958	62235	74166	87960	103824	
30			26421	32693	40081	48793	59037	71020	84951	101037	119486	
Power (W)		60			7694	8075	8434	8769	9078	9358	9607	
		50	5781	6117	6446	6764	7070	7360	7632	7884	8112	
		40	4865	5134	5403	5671	5935	6191	6437	6672	6891	
		30	4108	4320	4542	4771	5003	5236	5469	5697	5918	

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM/YS Series

Capacity / Capacidad

R454C

60Hz
1 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM34U3	Cap (BTU/H)	60				7366	9628	12100	14886	18087	21806
		50	3752	5738	7720	9800	12081	14664	17653	21148	25254
		40	5293	7136	9067	11188	13602	16410	19715	23620	28226
		30	6058	7873	9867	12143	14804	17951	21687	26115	31336
	Power (W)	60				2388	2480	2566	2645	2719	2789
		50	1759	1854	1940	2019	2092	2160	2225	2286	2346
		40	1531	1604	1670	1732	1790	1846	1901	1956	2011
		30	1342	1397	1449	1498	1547	1596	1647	1700	1757
YM43U3	Cap (BTU/H)	60				8972	11727	14738	18131	22030	26561
		50	4570	6989	9403	11937	14715	17861	21501	25759	30760
		40	6446	8692	11044	13627	16567	19988	24013	28770	34380
		30	7379	9589	12018	14791	18031	21865	26415	31808	38168
	Power (W)	60				2683	2787	2883	2972	3055	3133
		50	1976	2083	2180	2269	2351	2427	2500	2569	2637
		40	1721	1802	1876	1946	2011	2074	2136	2197	2260
		30	1508	1569	1628	1683	1738	1794	1850	1910	1974
YM49U3	Cap (BTU/H)	60				9958	13015	16358	20124	24451	29479
		50	5072	7757	10437	13249	16332	19824	23864	28590	34140
		40	7155	9647	12257	15125	18387	22184	26652	31931	38158
		30	8190	10643	13339	16416	20012	24267	29318	35303	42362
	Power (W)	60				2975	3091	3197	3296	3388	3475
		50	2192	2310	2417	2516	2607	2692	2772	2849	2924
		40	1908	1998	2081	2158	2231	2300	2369	2437	2506
		30	1672	1740	1805	1867	1928	1989	2052	2118	2189
YS24U3	Cap (BTU/H)	60				12522	16367	20570	25306	30748	37071
		50	6378	9755	13124	16661	20537	24929	30009	35952	42932
		40	8997	12131	15414	19020	23123	27897	33516	40154	47985
		30	10299	13384	16774	20643	25166	30516	36868	44395	53271
	Power (W)	60				3581	3721	3849	3968	4078	4183
		50	2639	2781	2910	3029	3138	3240	3337	3429	3520
		40	2297	2405	2505	2598	2685	2769	2851	2933	3017
		30	2013	2095	2173	2247	2321	2394	2470	2550	2635
YS28U3	Cap (BTU/H)	60				14626	19117	24026	29557	35914	43298
		50	7450	11394	15329	19460	23988	29117	35051	41992	50145
		40	10509	14169	18004	22215	27007	32583	39146	46899	56046
		30	12029	15632	19592	24111	29394	35643	43062	51853	62221
	Power (W)	60				3975	4130	4272	4404	4527	4643
		50	2929	3086	3230	3362	3483	3597	3704	3807	3907
		40	2550	2670	2780	2883	2980	3074	3165	3256	3349
		30	2234	2326	2412	2495	2576	2658	2742	2830	2925
YS34U3	Cap (BTU/H)	60				17976	23495	29528	36326	44138	53214
		50	9156	14003	18840	23916	29481	35785	43077	51609	61628
		40	12915	17414	22126	27302	33192	40045	48111	57639	68881
		30	14784	19212	24078	29633	36125	43805	52923	63727	76469
	Power (W)	60				4850	5039	5212	5373	5523	5665
		50	3573	3765	3941	4101	4250	4388	4519	4644	4766
		40	3111	3257	3392	3518	3636	3750	3861	3972	4086
		30	2726	2837	2942	3043	3143	3242	3345	3453	3568

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM/YS Series

Capacity / Capacidad

R454C

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM34U*	Cap (BTU/H)	60				7361	9620	12091	14875	18073	21790
		50	3749	5734	7714	9793	12072	14653	17639	21132	25235
		40	5288	7131	9060	11180	13591	16397	19700	23602	28205
		30	6054	7867	9860	12134	14792	17937	21670	26095	31312
	Power (W)	60				2576	2676	2769	2854	2934	3009
		50	1898	2000	2093	2179	2257	2331	2400	2467	2532
		40	1652	1730	1802	1869	1931	1992	2051	2110	2170
		30	1448	1507	1563	1617	1669	1722	1777	1834	1895
YM43U*	Cap (BTU/H)	60				9717	12700	15962	19636	23859	28765
		50	4949	7569	10184	12928	15936	19344	23286	27897	33314
		40	6981	9413	11961	14759	17942	21646	26007	31157	37234
		30	7991	10385	13016	16018	19528	23679	28608	34448	41336
	Power (W)	60				2634	2736	2831	2918	2999	3076
		50	1940	2045	2140	2227	2308	2383	2454	2522	2588
		40	1689	1769	1842	1910	1975	2036	2097	2157	2219
		30	1480	1541	1598	1653	1707	1761	1817	1875	1938
YM49U*	Cap (BTU/H)	60				9958	13015	16358	20124	24451	29479
		50	5072	7757	10437	13249	16332	19824	23864	28590	34140
		40	7155	9647	12257	15125	18387	22184	26652	31931	38158
		30	8190	10643	13339	16416	20012	24267	29318	35303	42362
	Power (W)	60				2890	3002	3106	3202	3291	3375
		50	2129	2244	2348	2444	2532	2615	2693	2767	2840
		40	1853	1941	2021	2096	2167	2234	2301	2367	2435
		30	1624	1691	1753	1813	1873	1932	1993	2057	2126
YS24U*	Cap (BTU/H)	60				12522	16367	20570	25306	30748	37071
		50	6378	9755	13124	16661	20537	24929	30009	35952	42932
		40	8997	12131	15414	19020	23123	27897	33516	40154	47985
		30	10299	13384	16774	20643	25166	30516	36868	44395	53271
	Power (W)	60				3497	3634	3759	3875	3983	4085
		50	2577	2715	2842	2958	3065	3164	3259	3349	3437
		40	2243	2349	2446	2537	2622	2704	2784	2865	2947
		30	1965	2046	2122	2195	2266	2338	2412	2490	2573
YS28U*	Cap (BTU/H)	60				14626	19117	24026	29557	35914	43298
		50	7450	11394	15329	19460	23988	29117	35051	41992	50145
		40	10509	14169	18004	22215	27007	32583	39146	46899	56046
		30	12029	15632	19592	24111	29394	35643	43062	51853	62221
	Power (W)	60				3979	4134	4276	4408	4531	4647
		50	2931	3089	3233	3365	3486	3600	3707	3810	3910
		40	2552	2672	2783	2886	2983	3076	3168	3259	3352
		30	2236	2328	2414	2497	2578	2660	2744	2833	2927
YS34U*	Cap (BTU/H)	60				17815	23285	29265	36002	43744	52739
		50	9074	13878	18672	23703	29218	35466	42693	51149	61079
		40	12800	17259	21929	27059	32896	39688	47682	57125	68267
		30	14652	19041	23864	29369	35803	43415	52451	63159	75787
	Power (W)	60				4850	5039	5212	5373	5523	5665
		50	3573	3765	3941	4101	4250	4388	4519	4644	4766
		40	3111	3257	3392	3518	3636	3750	3861	3972	4086
		30	2726	2837	2942	3043	3143	3242	3345	3453	3568

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YS Series

Capacity / Capacidad

R454C

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)									
			-30	-25	-20	-15	-10	-5	0	5	10	
YS40U*	Cap (BTU/H)	60				20799	27185	34166	42032	51071	61572	
		50	10594	16203	21799	27672	34112	41406	49844	59715	71309	
		40	14944	20149	25602	31591	38406	46335	55668	66693	79700	
		30	17106	22230	27861	34288	41800	50686	61236	73738	88481	
	Power (W)	60				5608	5827	6027	6213	6387	6551	
		50	4132	4354	4557	4743	4914	5074	5225	5370	5512	
		40	3597	3767	3923	4068	4205	4336	4465	4594	4725	
		30	3152	3281	3403	3519	3634	3750	3868	3993	4126	
	YS42U*	Cap (BTU/H)	60				22381	29253	36765	45229	54956	66257
			50	11400	17435	23457	29778	36707	44556	53636	64258	76733
40			16081	21682	27550	33994	41327	49860	59903	71767	85764	
30			18407	23921	29980	36896	44980	54542	65894	79347	95212	
Power (W)		60				6220	6462	6685	6891	7083	7265	
		50	4583	4829	5054	5260	5450	5628	5795	5956	6113	
		40	3989	4177	4351	4512	4663	4809	4952	5095	5240	
		30	3496	3639	3774	3903	4031	4159	4290	4428	4576	

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM/YS Series

Capacity / Capacidad

R455A

60Hz
1 Phase / Fase

Model / Modelo	C.T. (°C)	E.T. (°C)								
		-30	-25	-20	-15	-10	-5	0	5	10
YM34U3	Cap (BTU/H)	60			9256	11159	13433	16129	19298	22991
		50	5625	7004	8643	10595	12909	15636	18827	22533
		40	6103	7715	9630	11899	14571	17699	21332	25522
		30	6749	8542	10680	13213	16192	19667	23689	28310
	Power (W)	60			2387	2575	2724	2842	2935	3012
		50	1609	1832	2008	2145	2251	2333	2399	2457
		40	1519	1648	1746	1822	1882	1934	1985	2044
		30	1327	1400	1457	1508	1558	1616	1689	1786
		20	11436	13786	16595	19926	23842	28404		
		10	6949	8652	10678	13089	15948	19317	23259	27838
		0	7539	9531	11897	14700	18002	21866	26355	31530
YM43U3	Cap (BTU/H)	60			8337	10553	13194	16323	20004	24297
		50	6949	8652	10678	13089	15948	19317	23259	27838
		40	7539	9531	11897	14700	18002	21866	26355	31530
		30	8337	10553	13194	16323	20004	24297	29266	34975
	Power (W)	60			2741	2957	3129	3263	3370	3458
		50	1848	2103	2305	2463	2584	2679	2755	2821
		40	1744	1892	2005	2092	2161	2220	2280	2347
		30	1524	1608	1674	1731	1789	1856	1940	2051
		20	12666	15269	18381	22070	26407	31460		
		10	7697	9583	11827	14497	17663	21395	25762	30832
		0	8351	10557	13177	16281	19939	24218	29190	34922
YM49U3	Cap (BTU/H)	60			9234	11688	14614	18080	22156	26911
		50	7697	9583	11827	14497	17663	21395	25762	30832
		40	8351	10557	13177	16281	19939	24218	29190	34922
		30	9234	11688	14614	18080	22156	26911	32415	38737
	Power (W)	60			3024	3263	3452	3601	3719	3816
		50	2039	2321	2544	2717	2851	2956	3040	3113
		40	1924	2088	2213	2308	2384	2450	2515	2590
		30	1682	1774	1847	1910	1974	2047	2141	2263
		20	15790	19035	22914	27514	32920	39219		
		10	9596	11947	14744	18073	22020	26672	32116	38437
		0	10410	13160	16427	20297	24857	30192	36389	43536
YS24U3	Cap (BTU/H)	60			11512	14571	18218	22539	27620	33548
		50	9596	11947	14744	18073	22020	26672	32116	38437
		40	10410	13160	16427	20297	24857	30192	36389	43536
		30	11512	14571	18218	22539	27620	33548	40410	48292
	Power (W)	60			3616	3902	4127	4305	4446	4563
		50	2438	2775	3041	3249	3410	3534	3635	3722
		40	2301	2496	2646	2760	2851	2929	3008	3097
		30	2011	2121	2208	2284	2360	2448	2559	2706
		20	18554	22367	26925	32330	38682	46084		
		10	11275	14038	17325	21236	25874	31341	37737	45165
		0	12232	15464	19303	23850	29207	35477	42759	51157
YS28U3	Cap (BTU/H)	60			13527	17122	21407	26484	32455	39421
		50	11275	14038	17325	21236	25874	31341	37737	45165
		40	12232	15464	19303	23850	29207	35477	42759	51157
		30	13527	17122	21407	26484	32455	39421	47484	56745
	Power (W)	60			4026	4344	4595	4793	4950	5079
		50	2714	3089	3386	3617	3796	3934	4046	4144
		40	2561	2779	2945	3072	3173	3261	3348	3448
		30	2239	2361	2458	2543	2627	2725	2849	3012
		20	23198	27966	33665	40422	48365	57620		
		10	14098	17552	21661	26552	32351	39186	47184	56471
		0	15294	19335	24135	29820	36519	44357	53462	63962
YS34U3	Cap (BTU/H)	60			16913	21408	26766	33114	40579	49289
		50	14098	17552	21661	26552	32351	39186	47184	56471
		40	15294	19335	24135	29820	36519	44357	53462	63962
		30	16913	21408	26766	33114	40579	49289	59370	70949
	Power (W)	60			4839	5221	5523	5761	5950	6105
		50	3262	3713	4070	4348	4562	4729	4864	4981
		40	3079	3341	3540	3693	3814	3920	4025	4144
		30	2691	2838	2955	3056	3158	3276	3425	3620
		20	2691	2838	2955	3056	3158	3276	3425	3620

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM/YS Series

Capacity / Capacidad

R455A

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM34U*	Cap (BTU/H)	60				9249	11150	13423	16117	19284	22974
		50	5621	6998	8637	10587	12899	15624	18813	22516	26783
		40	6098	7709	9623	11890	14560	17686	21316	25502	30295
		30	6743	8536	10672	13203	16179	19652	23671	28288	33553
	Power (W)	60				2339	2524	2670	2785	2876	2951
		50	1577	1795	1967	2102	2206	2286	2351	2408	2464
		40	1488	1615	1711	1785	1844	1895	1946	2003	2076
		30	1301	1372	1428	1477	1527	1584	1656	1750	1875
YM43U*	Cap (BTU/H)	60				11427	13775	16583	19911	23824	28383
		50	6944	8646	10670	13079	15936	19302	23242	27816	33089
		40	7534	9524	11888	14689	17988	21849	26335	31506	37427
		30	8331	10545	13184	16311	19988	24279	29244	34948	41452
	Power (W)	60				2691	2904	3072	3204	3309	3395
		50	1814	2065	2263	2418	2537	2630	2705	2770	2834
		40	1712	1858	1969	2054	2121	2180	2238	2305	2388
		30	1497	1578	1643	1700	1756	1822	1905	2013	2157
YM49U*	Cap (BTU/H)	60				12656	15257	18367	22053	26387	31436
		50	7691	9576	11818	14486	17650	21379	25742	30809	36649
		40	8344	10549	13167	16269	19924	24200	29168	34896	41454
		30	9227	11680	14603	18066	22139	26891	32390	38708	45912
	Power (W)	60				2938	3170	3353	3497	3612	3706
		50	1980	2254	2471	2639	2770	2871	2953	3024	3094
		40	1869	2028	2149	2242	2316	2380	2443	2516	2607
		30	1634	1723	1794	1855	1917	1989	2079	2198	2354
YS24U*	Cap (BTU/H)	60				15778	19021	22897	27493	32895	39190
		50	9588	11938	14733	18059	22003	26652	32091	38408	45688
		40	10402	13150	16415	20282	24838	30169	36362	43503	51678
		30	11503	14560	18204	22522	27599	33523	40379	48255	57236
	Power (W)	60				3532	3810	4031	4204	4342	4456
		50	2381	2710	2970	3173	3330	3451	3549	3635	3719
		40	2247	2438	2584	2695	2784	2861	2937	3024	3134
		30	1964	2071	2156	2230	2305	2391	2500	2642	2830
YS28U*	Cap (BTU/H)	60				18540	22350	26905	32305	38653	46049
		50	11267	14028	17312	21220	25855	31317	37709	45131	53686
		40	12223	15452	19288	23832	29185	35450	42727	51118	60724
		30	13517	17109	21391	26464	32430	39391	47448	56702	67255
	Power (W)	60				4029	4347	4599	4797	4954	5084
		50	2716	3092	3389	3620	3799	3938	4050	4147	4244
		40	2563	2782	2948	3075	3176	3264	3351	3451	3575
		30	2241	2363	2460	2545	2630	2728	2852	3015	3229
YS34U*	Cap (BTU/H)	60				22974	27696	33340	40032	47897	57063
		50	13961	17382	21452	26295	32039	38807	46728	55925	66525
		40	15146	19148	23901	29532	36166	43928	52946	63343	75248
		30	16750	21201	26507	32793	40187	48812	58796	70263	83340
	Power (W)	60				4839	5221	5523	5761	5950	6105
		50	3262	3713	4070	4348	4562	4729	4864	4981	5096
		40	3079	3341	3540	3693	3814	3920	4025	4144	4294
		30	2691	2838	2955	3056	3158	3276	3425	3620	3878

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YS Series

Capacity / Capacidad

R455A

60Hz
3 Phase / Fase

Model / Modelo	C.T. (°C)	E.T. (°C)									
		-30	-25	-20	-15	-10	-5	0	5	10	
YS40U*	Cap (BTU/H)	60				26797	32305	38888	46694	55869	66560
		50	16285	20275	25022	30671	37370	45266	54504	65232	77597
		40	17667	22335	27879	34447	42184	51239	61757	73885	87771
		30	19537	24729	30918	38251	46875	56935	68580	81956	97210
	Power (W)	60				5601	6043	6393	6668	6887	7067
		50	3776	4298	4711	5032	5281	5474	5629	5765	5899
		40	3563	3867	4098	4275	4415	4537	4658	4797	4970
		30	3115	3285	3420	3537	3655	3792	3964	4191	4489
	Cap (BTU/H)	60				28494	34350	41350	49650	59406	70774
		50	17316	21559	26606	32613	39736	48132	57955	69362	82509
		40	18786	23749	29644	36628	44855	54483	65667	78563	93328
		30	20774	26295	32876	40673	49842	60540	72922	87145	103364
YS42U*	Power (W)	60				5956	6426	6797	7090	7323	7514
		50	4015	4570	5009	5351	5615	5820	5986	6130	6272
		40	3789	4111	4357	4545	4695	4824	4953	5100	5284
		30	3312	3493	3636	3761	3887	4032	4215	4456	4773

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R290

60Hz
3 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)								
			-30	-25	-20	-15	-10	-5	0	5	10
YM31P*	Cap (BTU/H)	60				8076	9698	11572	13717	16152	18897
		50	5145	6291	7659	9269	11141	13293	15745	18517	21628
		40	5824	7108	8644	10451	12548	14955	17691	20776	24229
		30	6448	7847	9527	11507	13806	16444	19441	22815	26587
	Power (W)	60				1932	2035	2126	2205	2274	2333
		50	1404	1509	1604	1688	1764	1831	1891	1945	1993
		40	1270	1344	1410	1470	1526	1577	1625	1671	1716
		30	1117	1166	1211	1255	1298	1341	1385	1431	1480
YM37P*	Cap (BTU/H)	60				10256	12317	14696	17420	20513	24000
		50	6534	7989	9727	11772	14149	16882	19997	23517	27468
		40	7396	9027	10978	13272	15936	18992	22467	26385	30771
		30	8189	9966	12099	14613	17533	20884	24690	28975	33765
	Power (W)	60				2377	2503	2615	2712	2797	2869
		50	1727	1857	1973	2077	2170	2252	2326	2392	2451
		40	1563	1653	1734	1808	1877	1940	1999	2056	2111
		30	1374	1434	1490	1544	1597	1650	1704	1760	1820
YM42P*	Cap (BTU/H)	60				11487	13794	16460	19511	22975	26880
		50	7318	8948	10894	13185	15847	18908	22396	26339	30764
		40	8284	10110	12295	14865	17848	21272	25164	29552	34463
		30	9172	11162	13551	16367	19637	23390	27653	32452	37817
	Power (W)	60				2662	2803	2928	3037	3132	3214
		50	1934	2079	2210	2326	2430	2522	2605	2679	2745
		40	1750	1851	1942	2026	2102	2173	2239	2302	2364
		30	1539	1606	1669	1729	1789	1848	1908	1972	2039
YM52P*	Cap (BTU/H)	60				14698	17650	21061	24965	29397	34393
		50	9363	11449	13939	16870	20276	24193	28656	33701	39363
		40	10599	12937	15732	19020	22837	27218	32197	37812	44096
		30	11736	14282	17339	20942	25127	29928	35382	41524	48388
	Power (W)	60				3169	3337	3486	3616	3729	3826
		50	2303	2476	2631	2769	2893	3003	3101	3189	3268
		40	2084	2203	2312	2411	2502	2586	2666	2741	2814
		30	1833	1912	1987	2059	2129	2200	2272	2347	2427
YM60P*	Cap (BTU/H)	60				16886	20278	24196	28681	33773	39513
		50	10757	13153	16014	19381	23295	27795	32922	38718	45223
		40	12177	14862	18074	21851	26236	31269	36990	43441	50661
		30	13482	16408	19920	24059	28867	34383	40649	47705	55592
	Power (W)	60				3567	3757	3924	4070	4197	4306
		50	2592	2787	2961	3117	3256	3380	3491	3590	3679
		40	2345	2480	2603	2714	2817	2911	3000	3085	3168
		30	2063	2152	2236	2317	2397	2476	2557	2642	2732
YM73P*	Cap (BTU/H)	60				20938	25145	30003	35564	41879	48996
		50	13339	16310	19858	24033	28885	34465	40824	48010	56076
		40	15100	18429	22411	27096	32533	38774	45868	53867	62819
		30	16718	20346	24700	29834	35795	42636	50405	59154	68933
	Power (W)	60				4387	4621	4826	5006	5162	5297
		50	3188	3427	3642	3834	4005	4158	4294	4415	4525
		40	2885	3051	3201	3338	3464	3581	3690	3795	3896
		30	2537	2647	2751	2850	2948	3046	3145	3250	3360

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YM Series

Capacity / Capacidad

R290

60Hz
1 Phase / Fase

Model / Modelo		C.T. (°C)	E.T. (°C)									
			-30	-25	-20	-15	-10	-5	0	5	10	
YM90P*	Cap (BTU/H)	60				24288	29168	34804	41255	48579	56836	
		50	15473	18920	23035	27878	33507	39980	47355	55692	65048	
		40	17516	21378	25997	31431	37738	44978	53207	62485	72870	
		30	19393	23601	28652	34607	41522	49457	58470	68619	79963	
	Power (W)	60				5001	5268	5502	5707	5885	6038	
		50	3634	3907	4152	4370	4566	4740	4895	5034	5158	
		40	3288	3478	3649	3806	3949	4082	4207	4326	4442	
		30	2892	3018	3136	3249	3361	3472	3586	3704	3830	
	YM101P*	Cap (BTU/H)	60				27446	32960	39328	46618	54894	64224
			50	17485	21379	26030	31502	37863	45177	53512	62932	73504
40			19793	24157	29377	35517	42644	50825	60124	70608	82344	
30			21914	26669	32377	39106	46920	55887	66071	77540	90358	
Power (W)		60				5602	5900	6162	6392	6591	6763	
		50	4071	4376	4650	4895	5113	5308	5482	5638	5777	
		40	3683	3895	4087	4263	4423	4572	4712	4845	4975	
		30	3240	3380	3512	3639	3764	3889	4016	4149	4290	

Capacity @ 20°C Return Gas Temperature, No Subcooling

Capacity @ 11.1°C Super Heat, No Subcooling

Capacidad @ 20°C temperatura de retorno de gas, No Sub enfriamiento

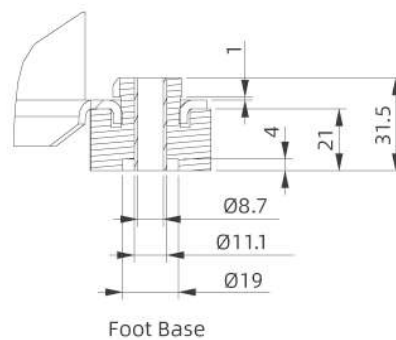
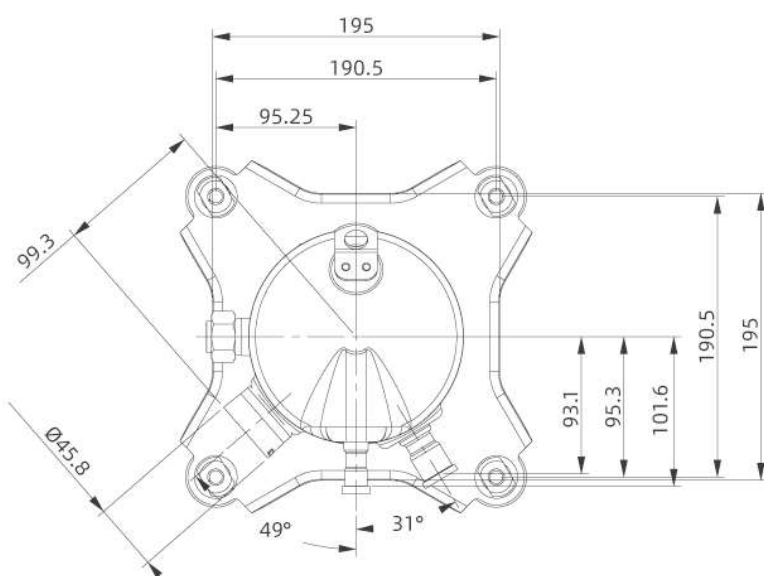
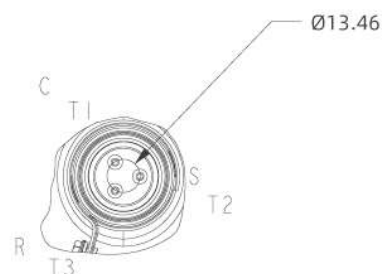
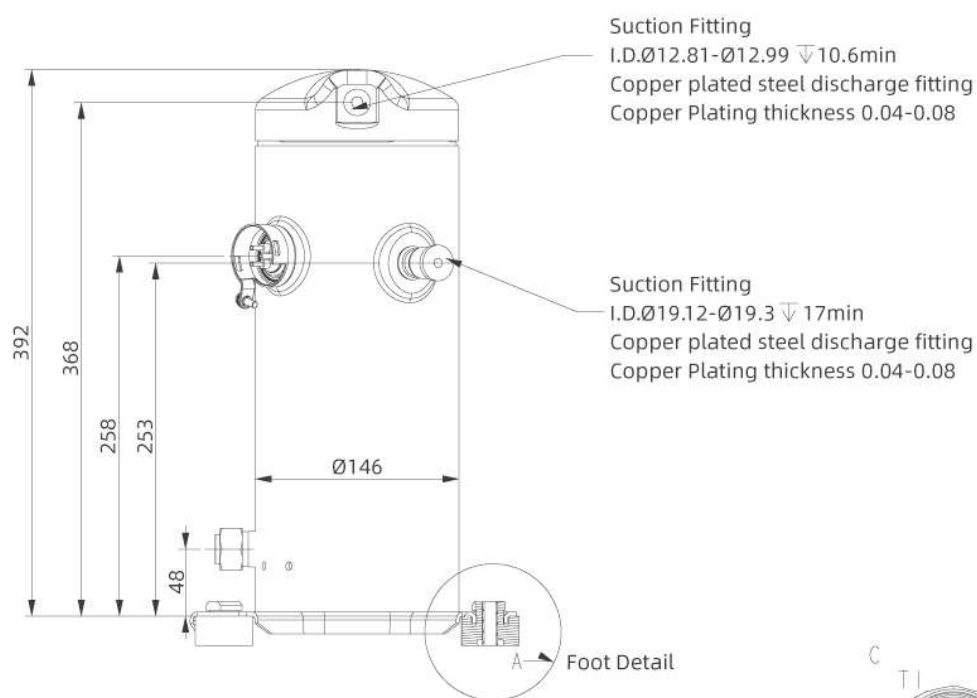
Capacidad @ 11°C Supercalentamiento, No Sub enfriamiento

YS Series

Dimensions / Dimensiones

60Hz

YS15-20(1Ph)

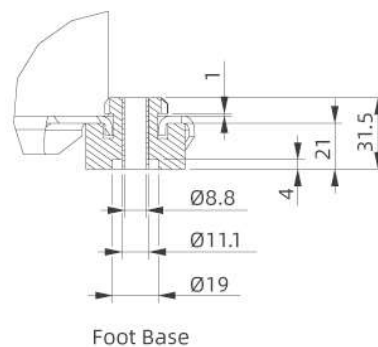
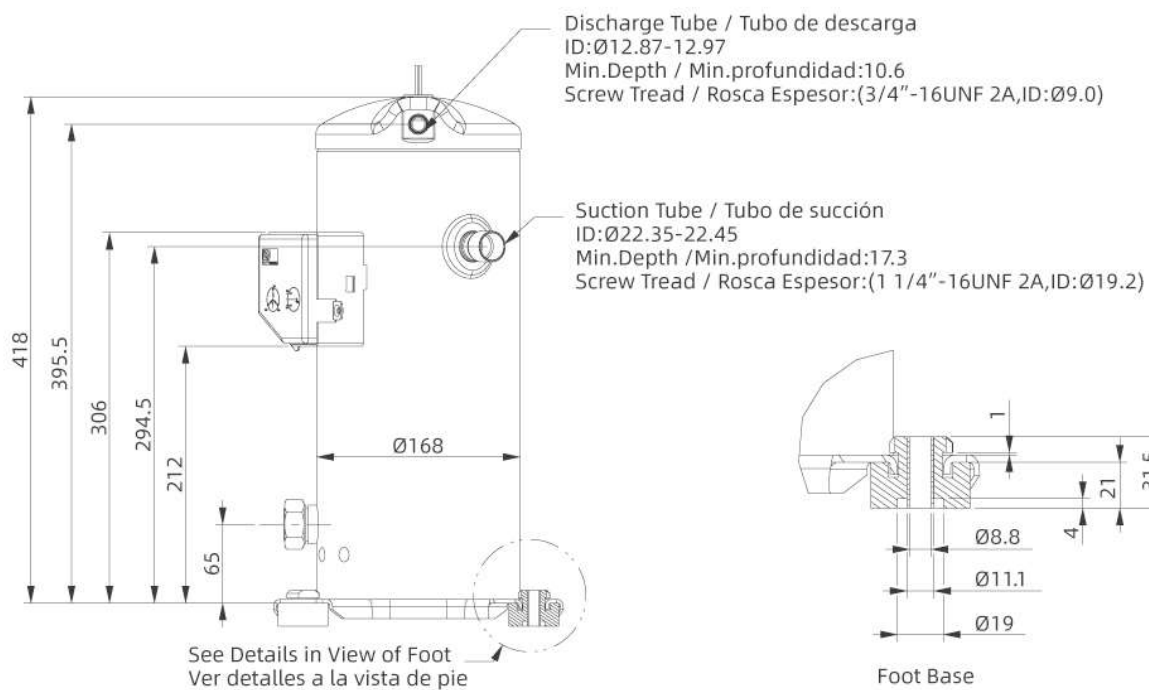
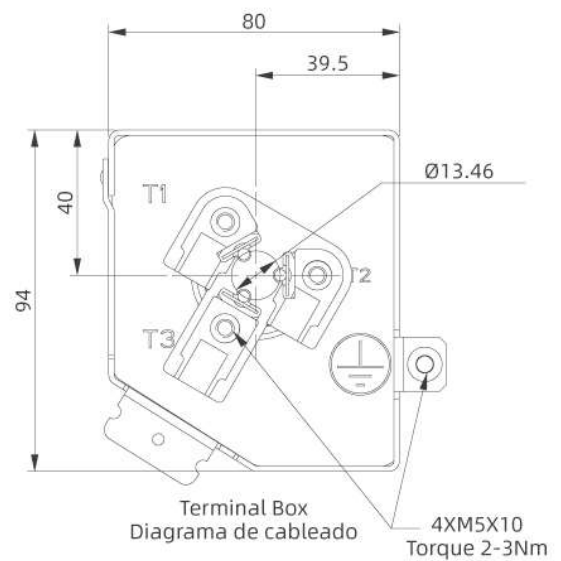
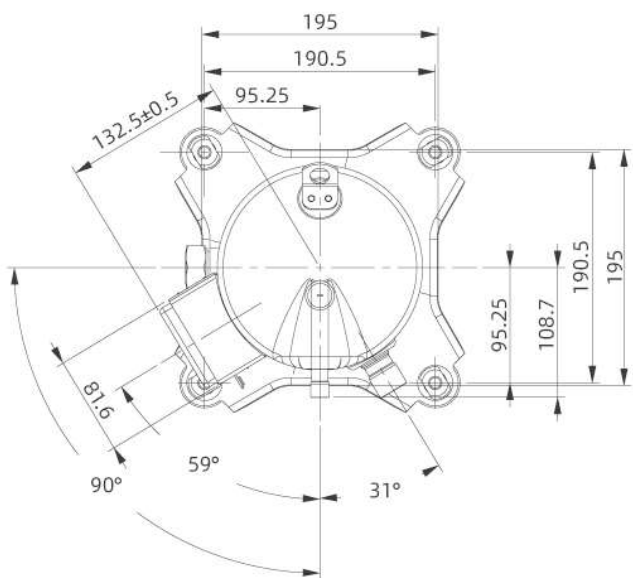


YM Series

60Hz

Dimensions / Dimensiones

2-4 HP(1Ph),2-4 HP(3Ph)

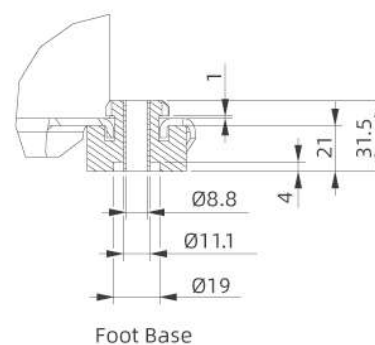
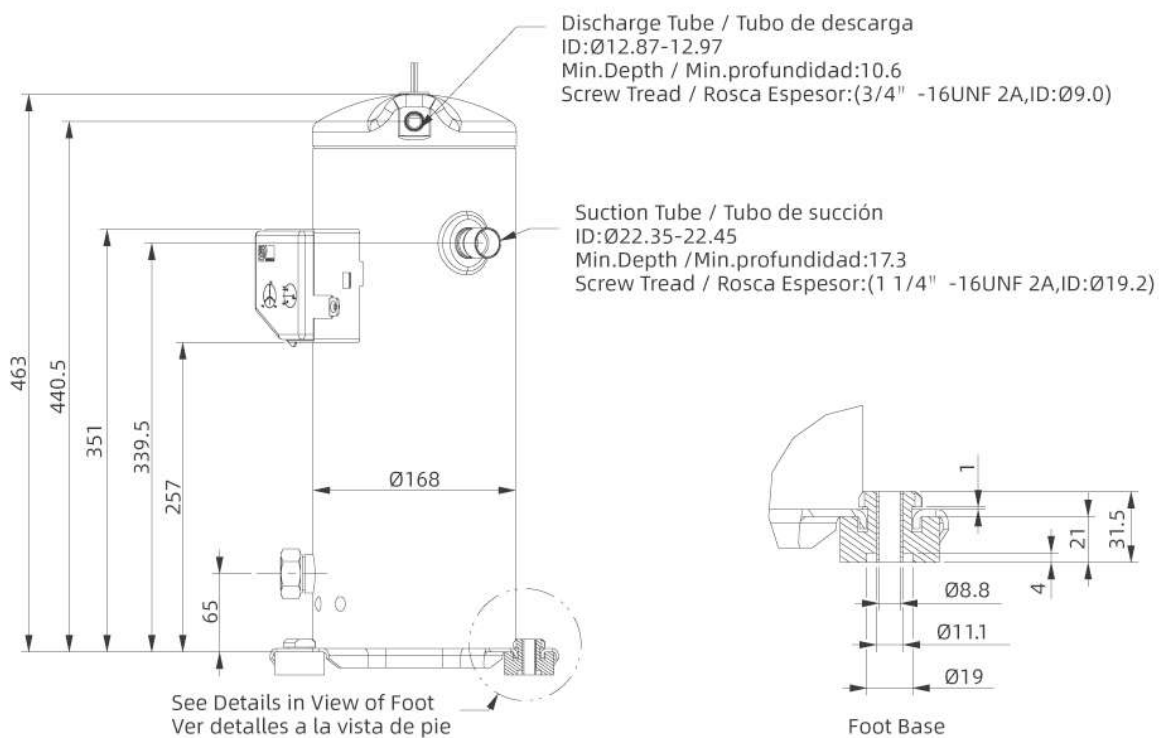
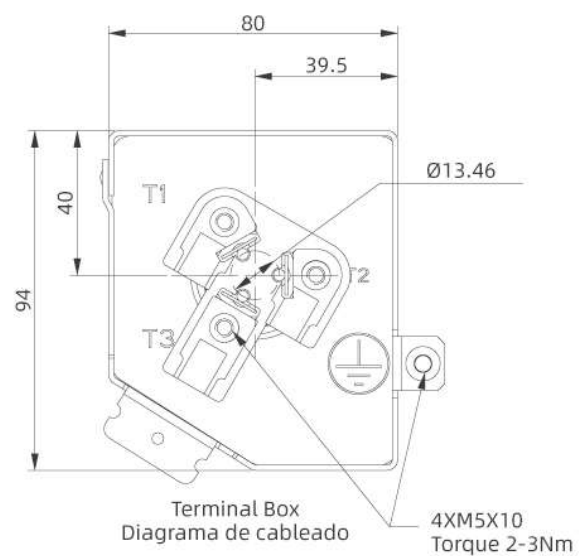
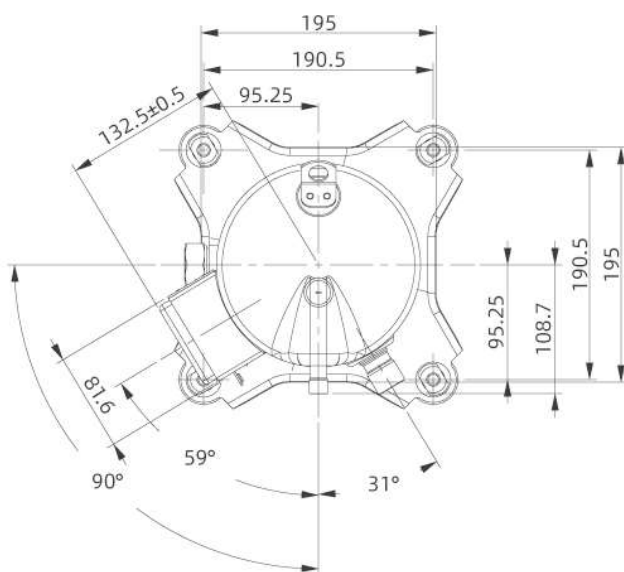


YM Series

60Hz

Dimensions / Dimensiones

5 HP(1Ph),5-7 HP(3Ph)

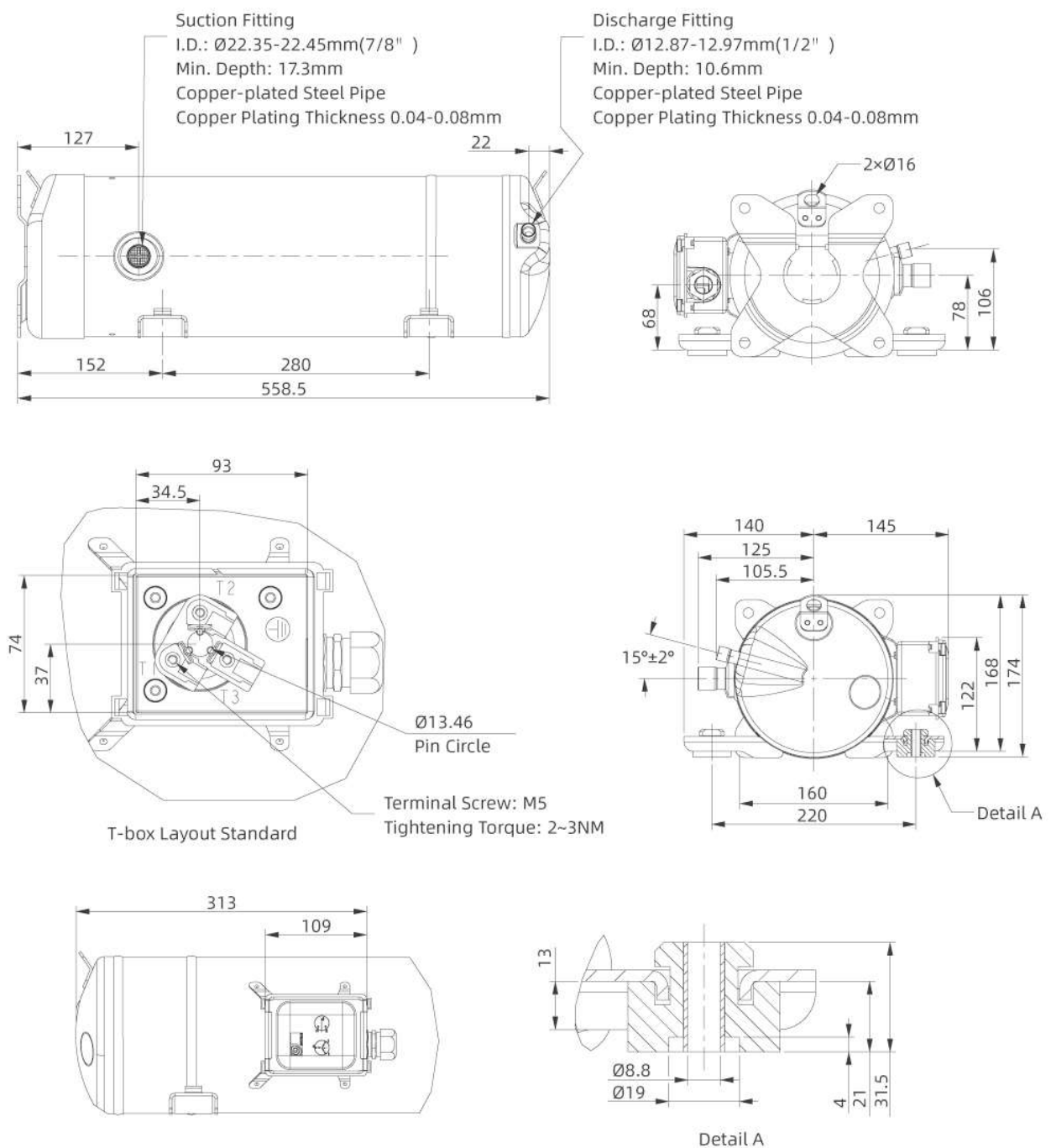


YMZ Series

60Hz

Dimensions / Dimensiones

YMZ46/YMZ83

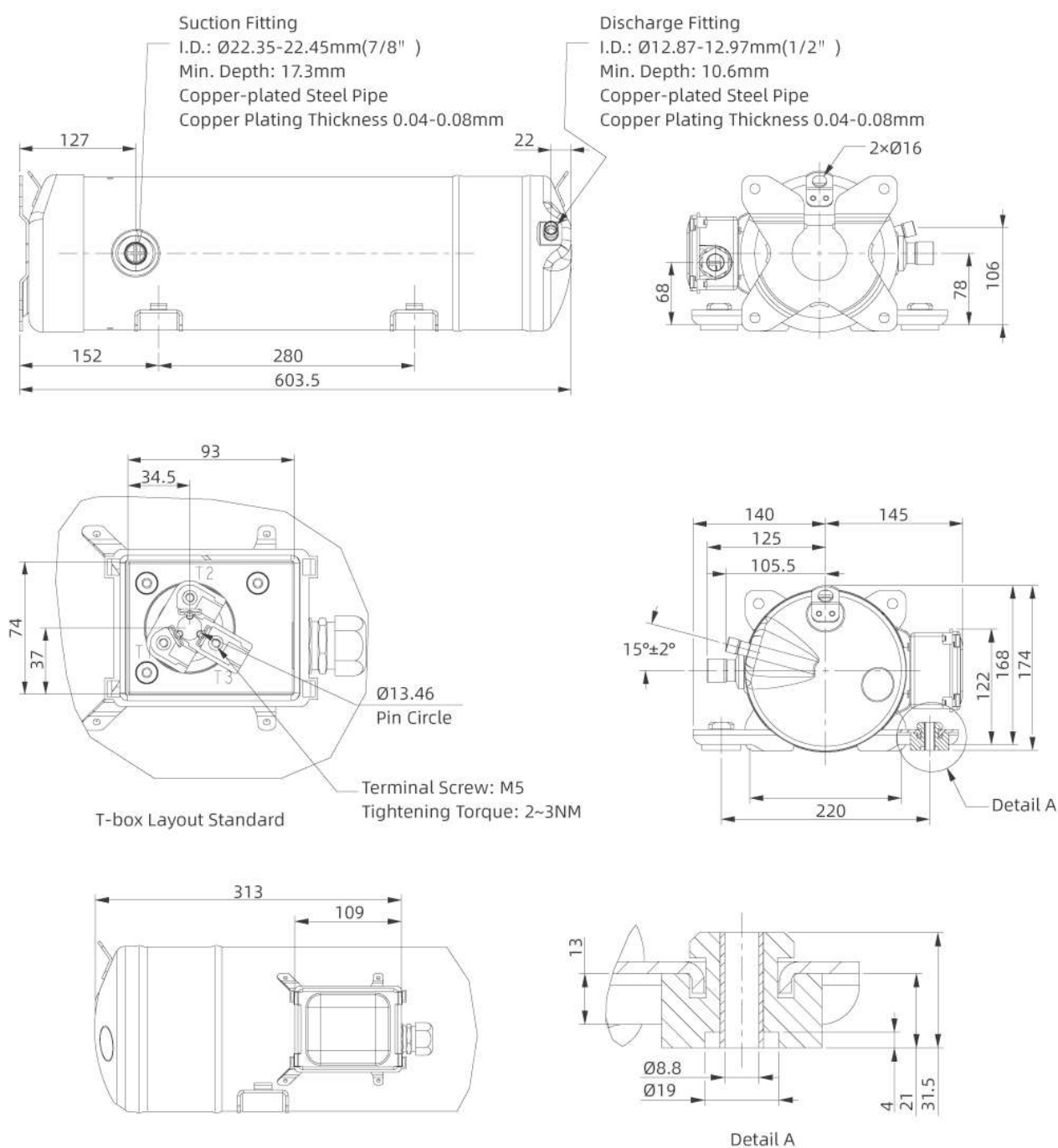


YMZ Series

Dimensions / Dimensiones

60Hz

YMZ110

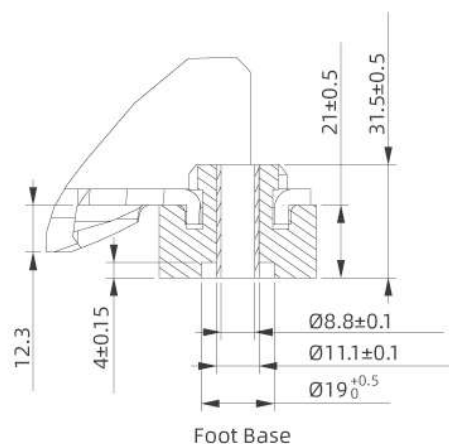
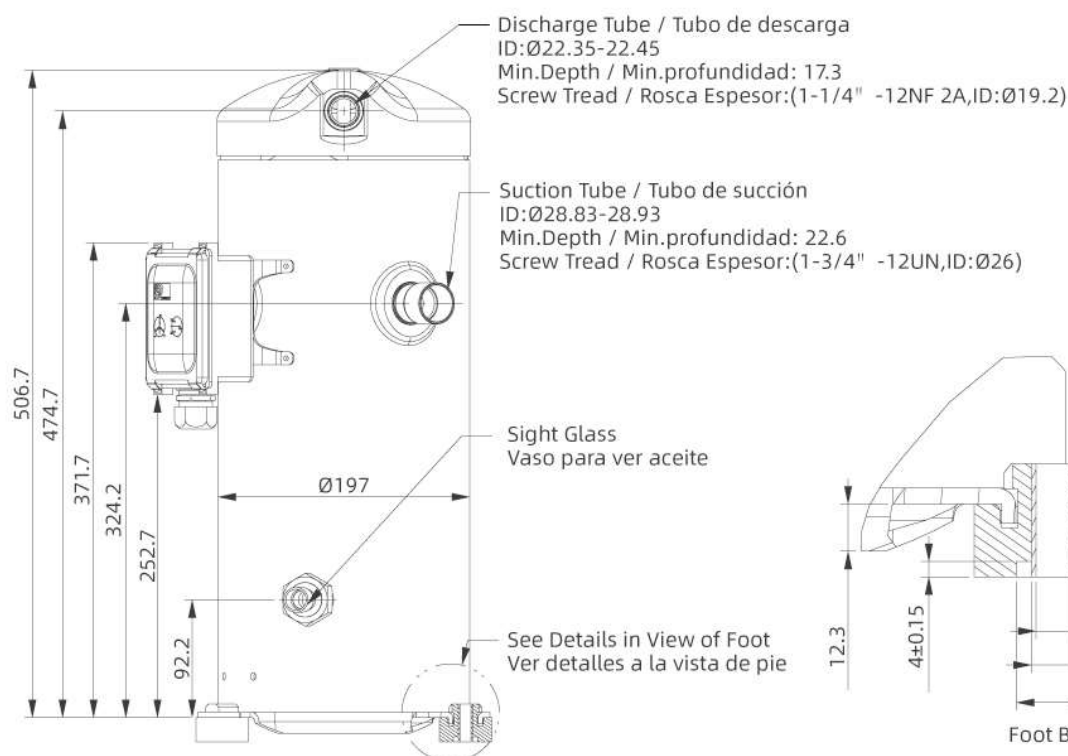
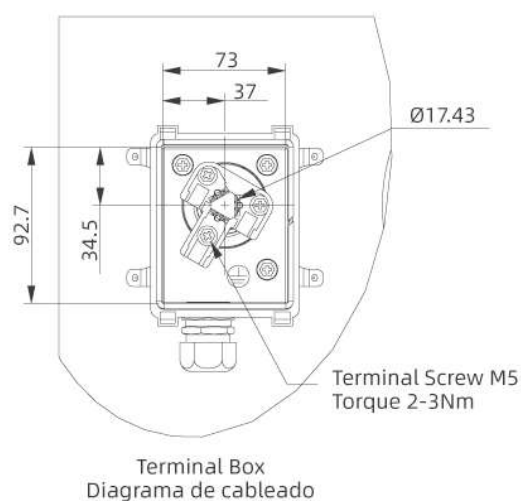
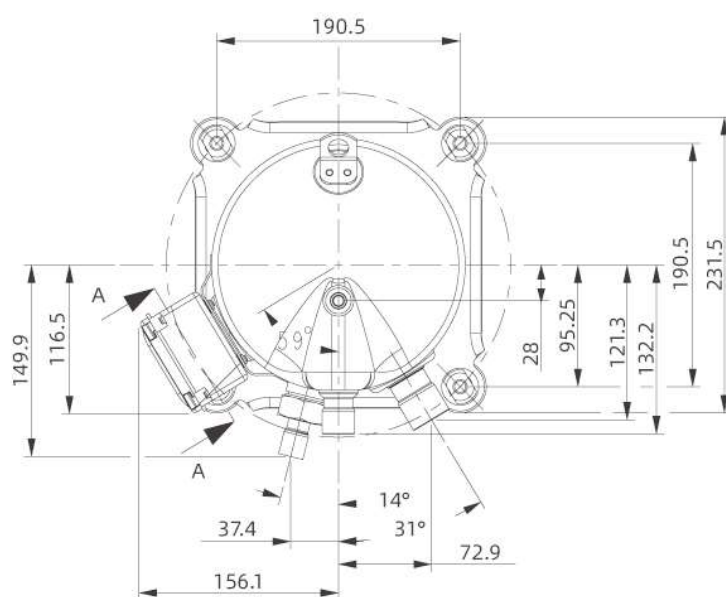


YM Series

Dimensions / Dimensiones

60Hz

7.5-13 HP

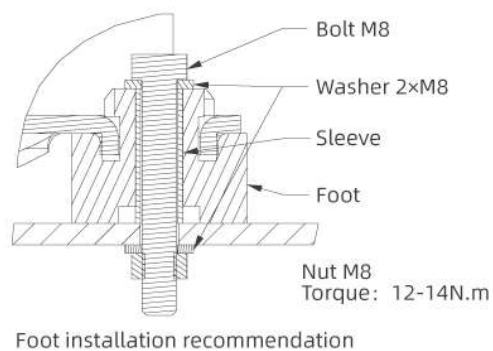
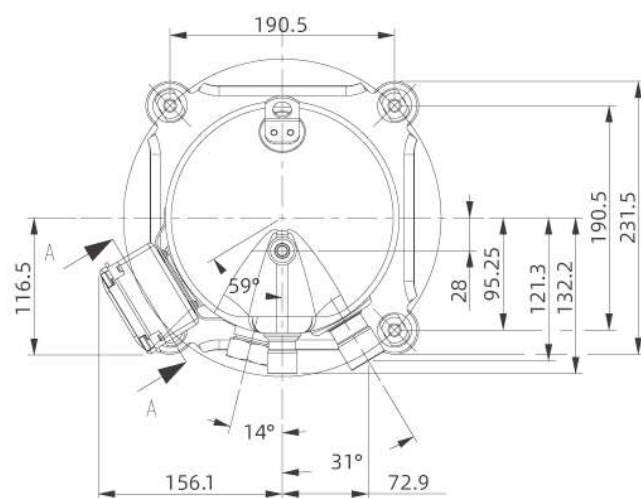
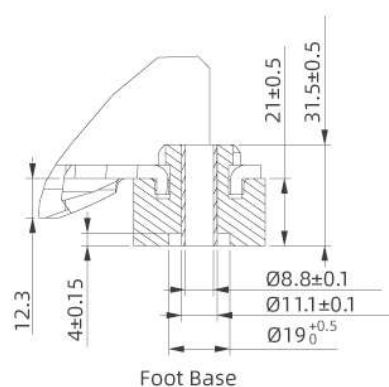
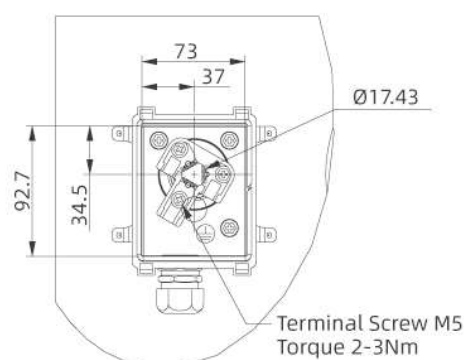
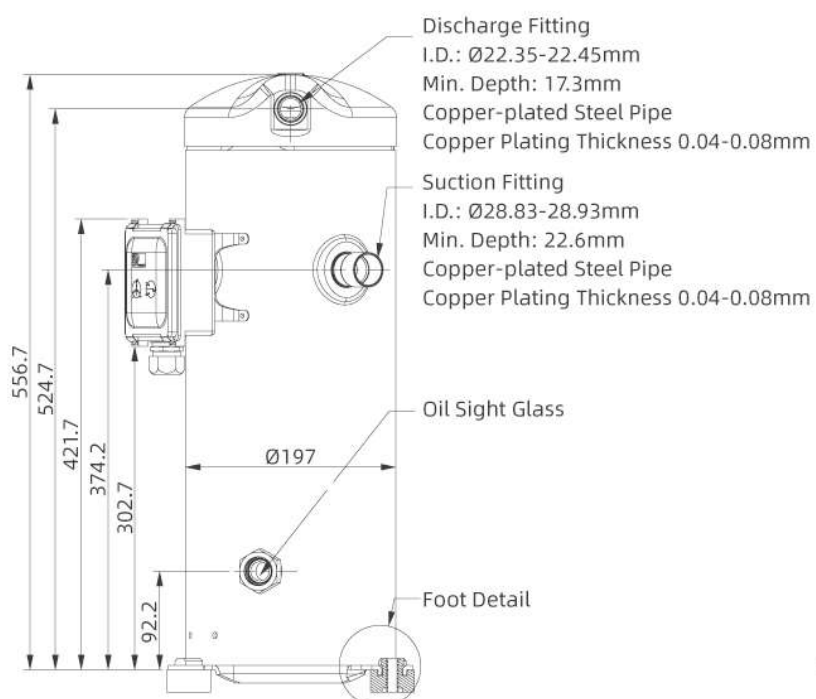


YM Series

Dimensions / Dimensiones

60Hz

YM240

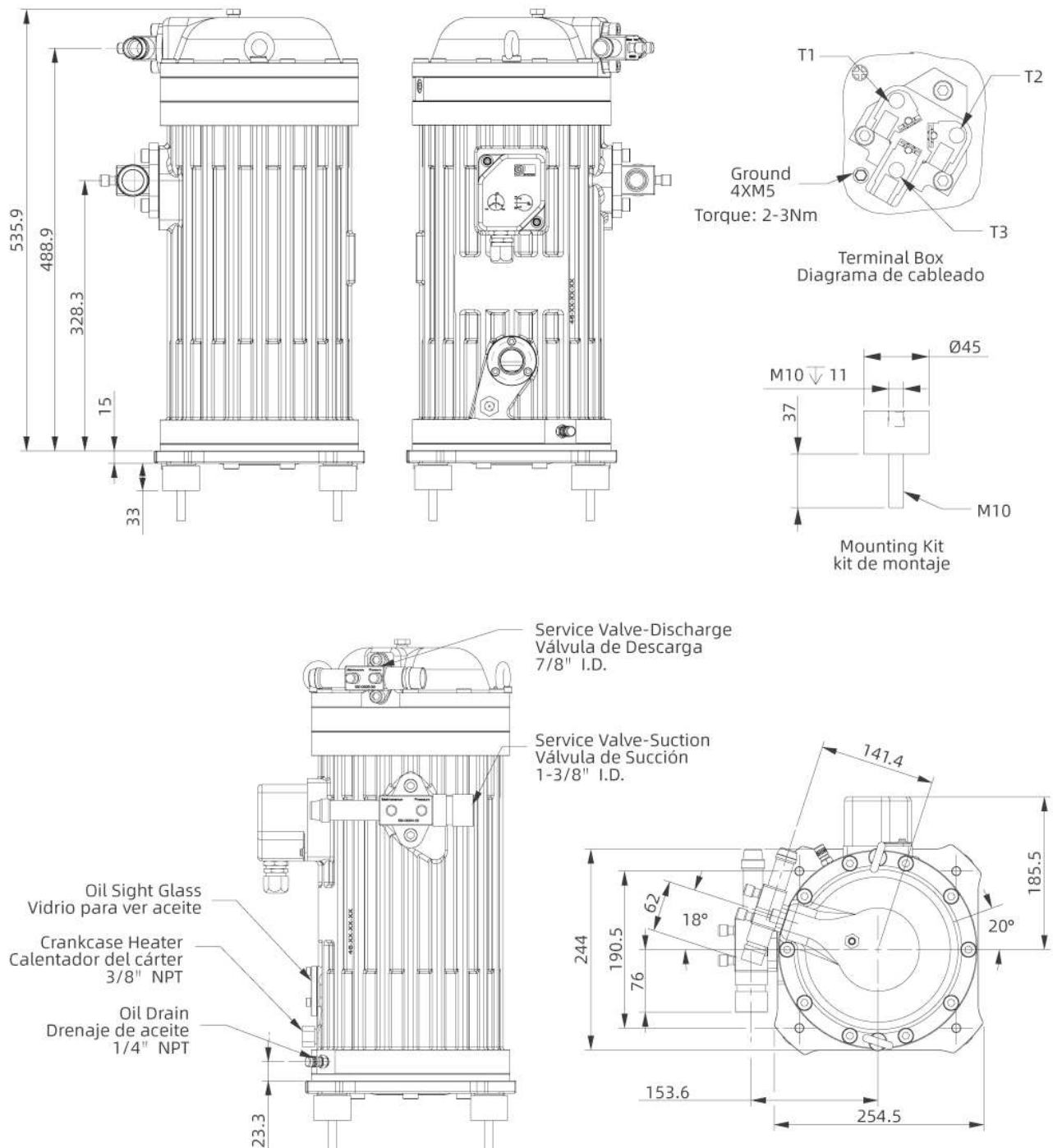


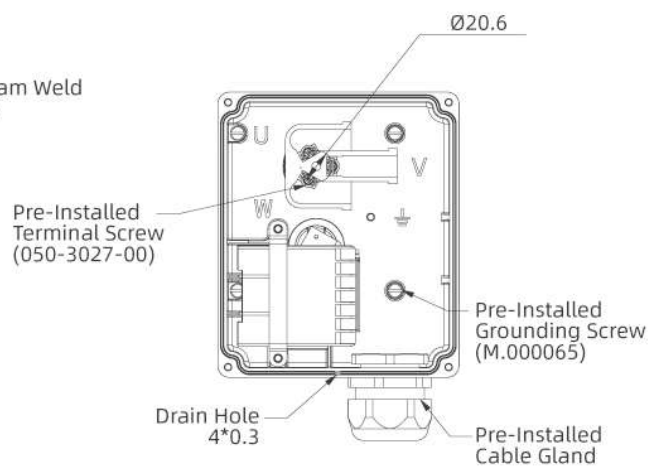
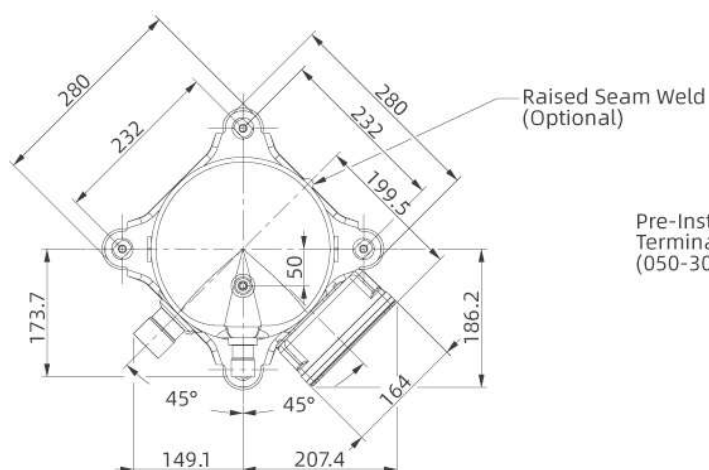
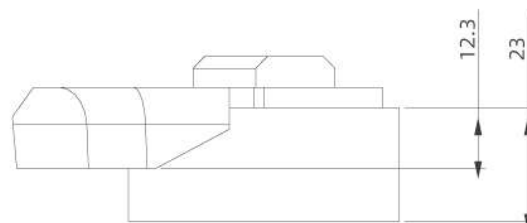
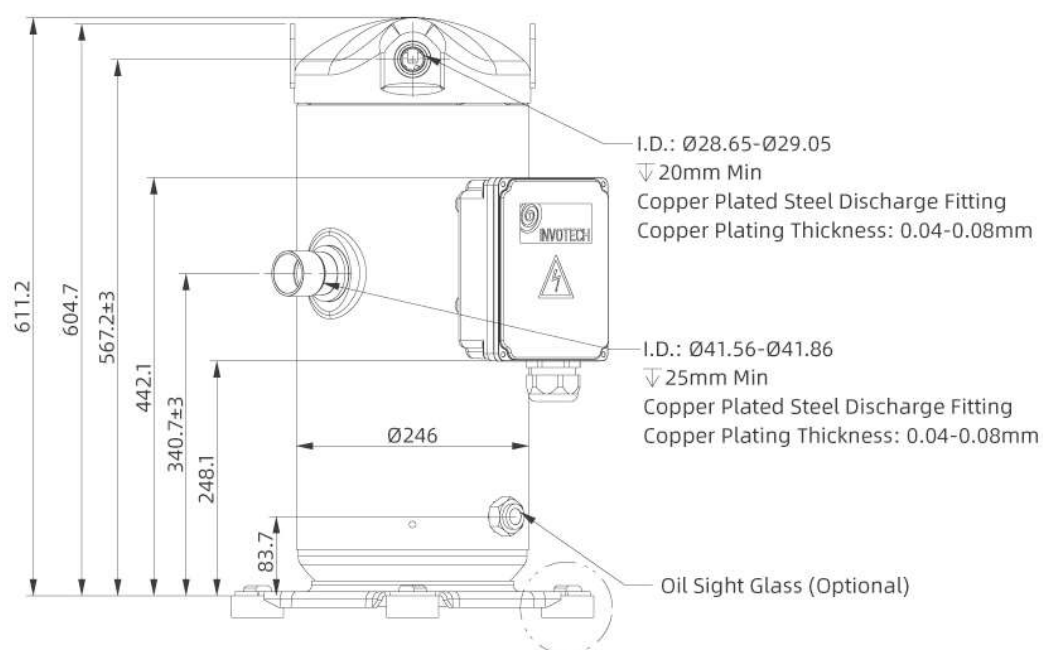
YSM Series

60Hz

Dimensions / Dimensiones

YSM235/YSM260



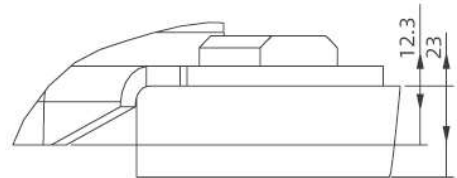
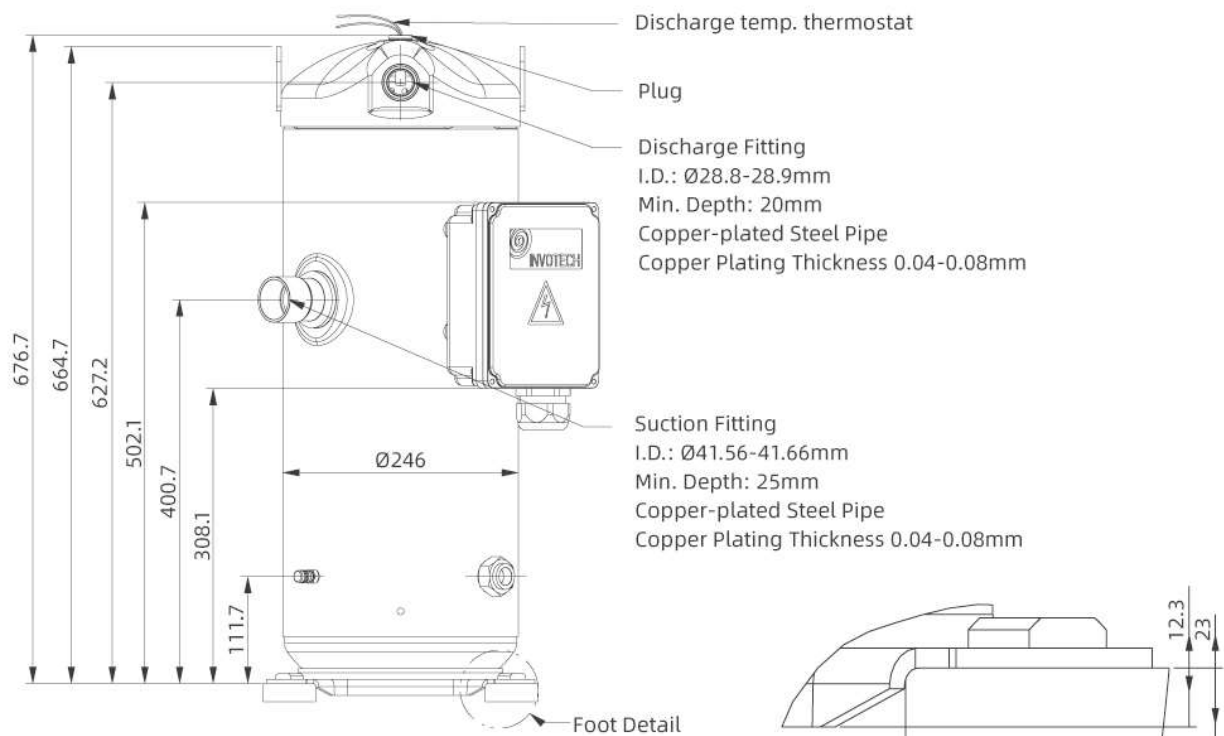


YM Series

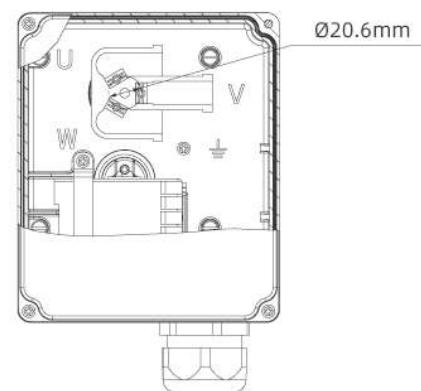
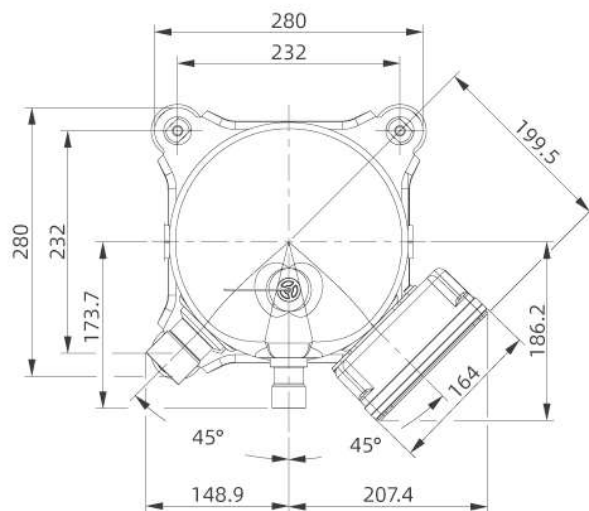
Dimensions / Dimensiones

60Hz

22-25 HP



Foot Detail



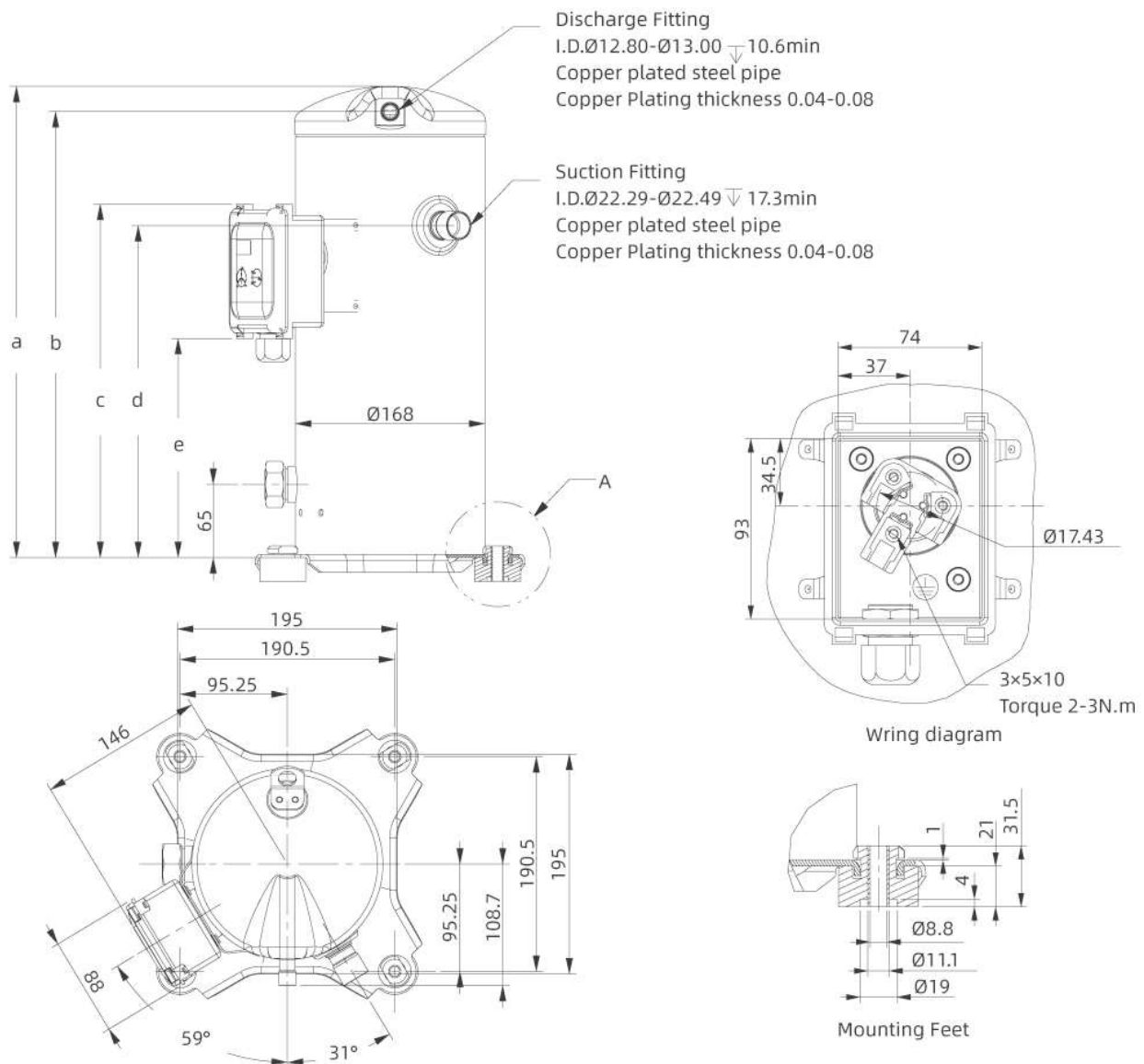
T-Box Layout

YM/YS Series

60Hz

Dimensions / Dimensiones

R454C R455A

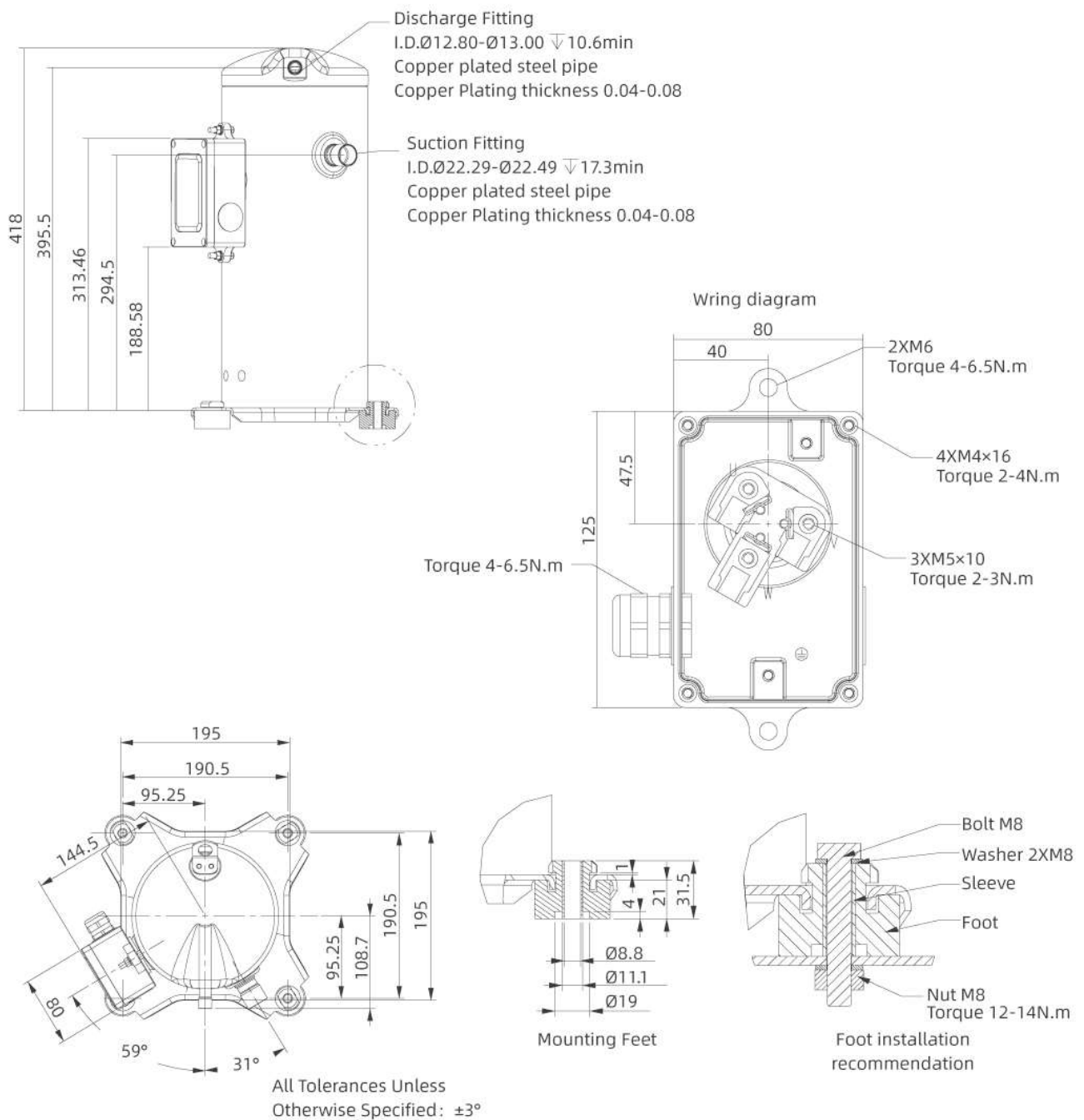


1 Phase

	a	b	c	d	e
2-3.5HP	418	395.5	313.5	294.5	194.5
4-5HP	463	440.5	358.5	339.5	239.5

3 Phase

	a	b	c	d	e
2-5HP	418	395.5	313.5	294.5	194.5
6-7HP	463	440.5	358.5	339.5	239.5





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YS/YM/YSM/YMZ_202409

Every effort has been made to provide accurate descriptions and data. However, due to the continuing process of product improvement and evolution, all information in this brochure is subject to change without notification.

Se ha realizado el mayor esfuerzo para proporcionar descripciones y datos precisos. Sin embargo, debido al proceso continuo de mejora del producto y su evolución, la información en este folleto está sujeta a cambios sin previo aviso.