



INVOTECH

SCROLL COMPRESSORS

Product Catalogue

60Hz

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



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Company Introduction

Suzhou Invotech Scroll Technologies Co., Ltd. is a high-tech enterprise, specializing in the research and development, manufacturing and sales of scroll compressors.

We offer a wide range of products and solutions for air conditioning, chillers, heat pump water heaters, refrigeration and other applications. Backed by innovations and patents, our solutions are engineered for optimal energy efficiency and reliability. Dedicated to building a low-carbon ecological environment, we develop low GWP refrigerant products to reduce greenhouse gas emissions and advance global environmental sustainability. Our products have been sold to over 40 countries and regions across Asia, Africa, Europe, South America, North America, and beyond.

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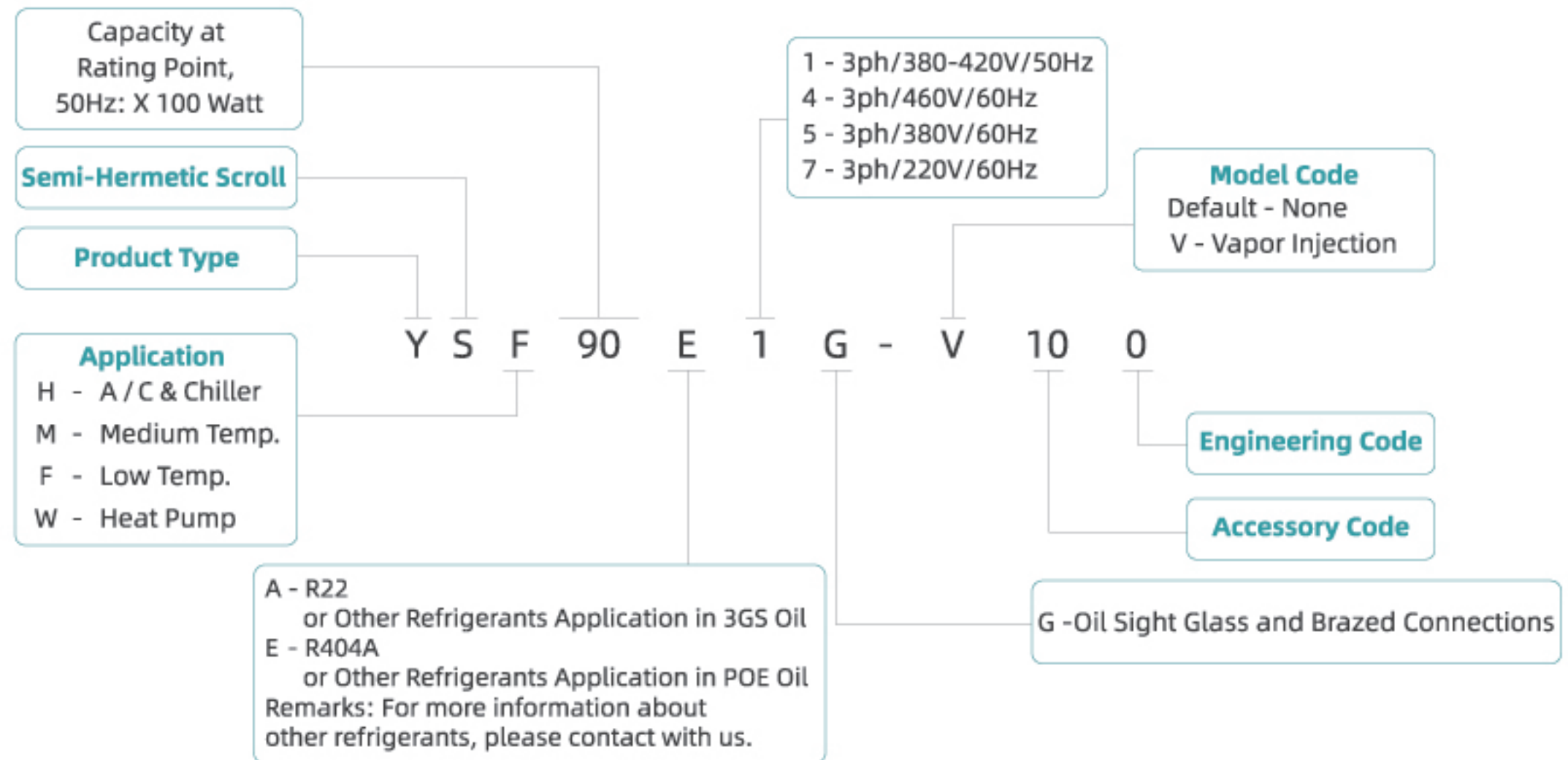
Product Features

- Specific and optimal design for different applications
- Radial and axial compliance design and improved floating seal design for better energy efficiency and reliability
- Build-in high pressure protection
- Motor overload protection through internal or external protector for higher reliability
- Excellent discharge temperature management to extend operating envelope
- Accurate calculation of load and sealing force for running sound optimization
- High efficiency motor design



Nomenclature

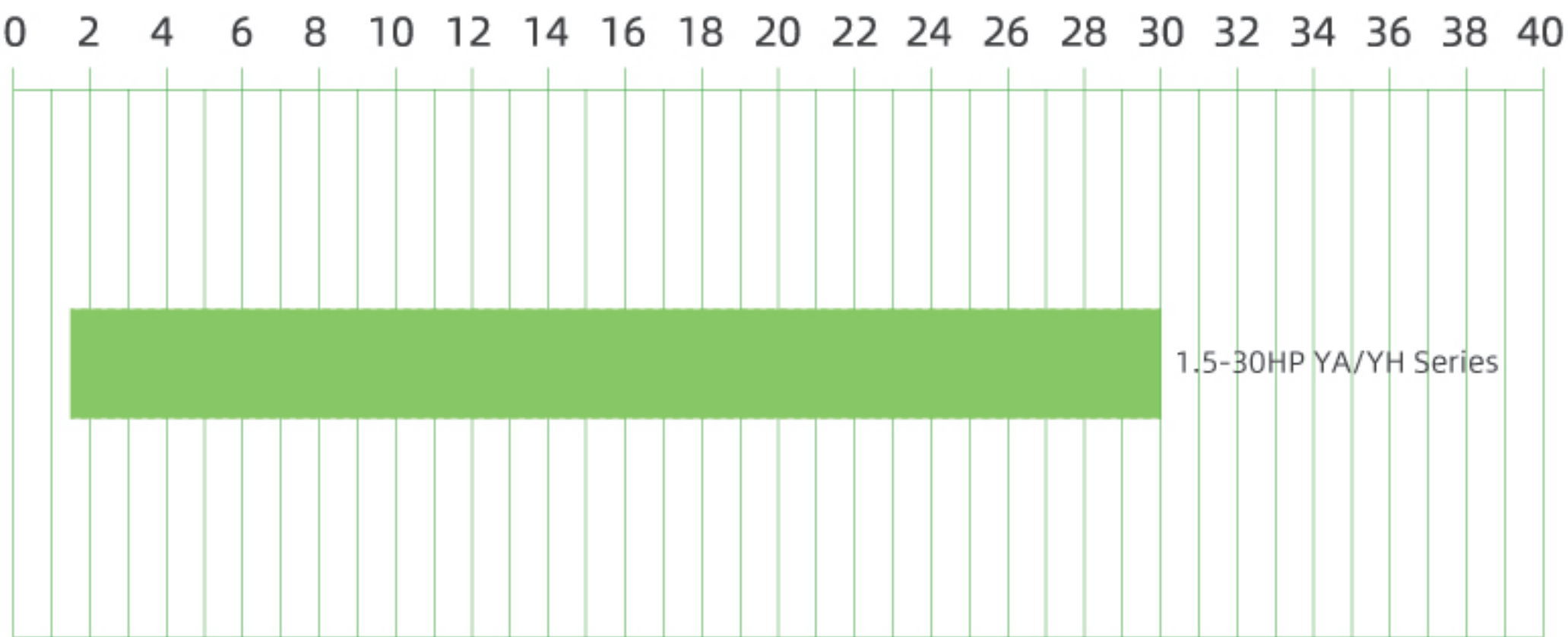
Semi-hermetic Fixed Speed Scroll Compressor



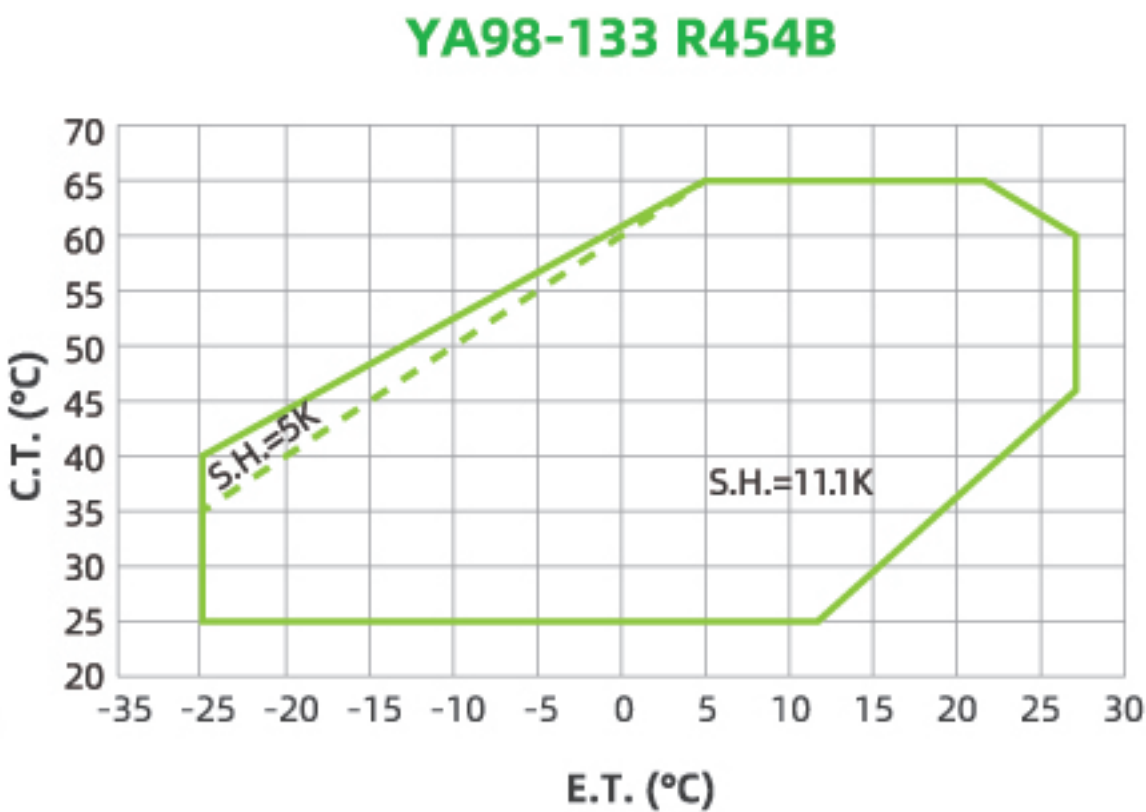
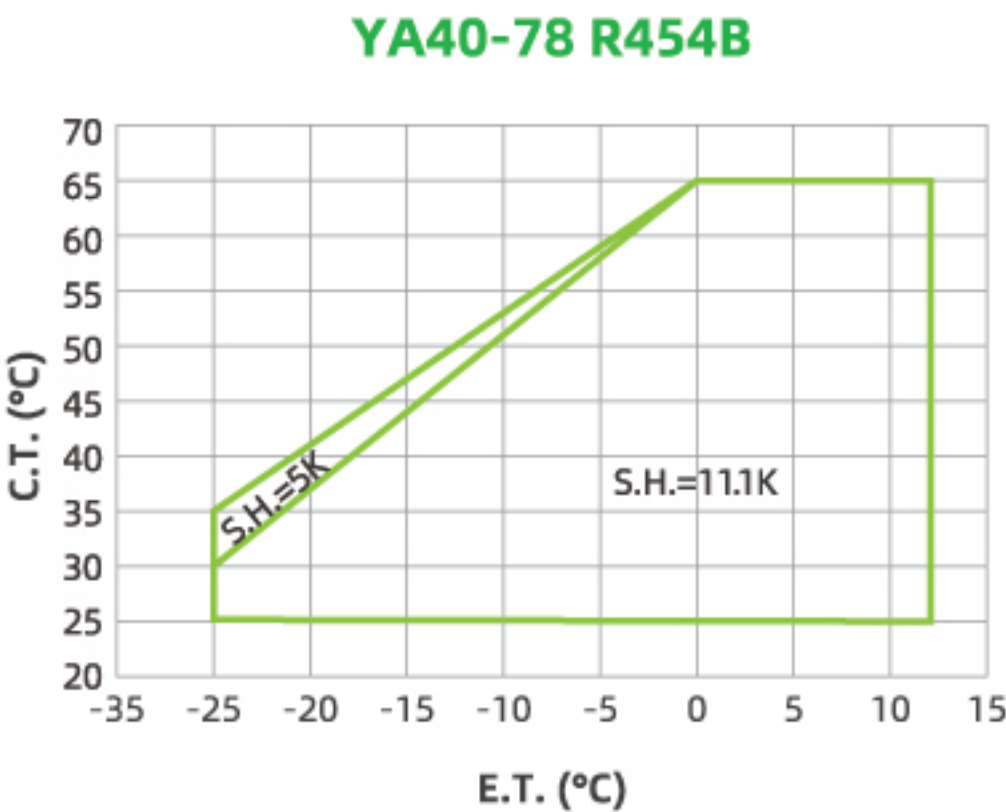
SCROLL COMPRESSORS FOR AIR CONDITIONING AND CHILLERS



Product Line-up



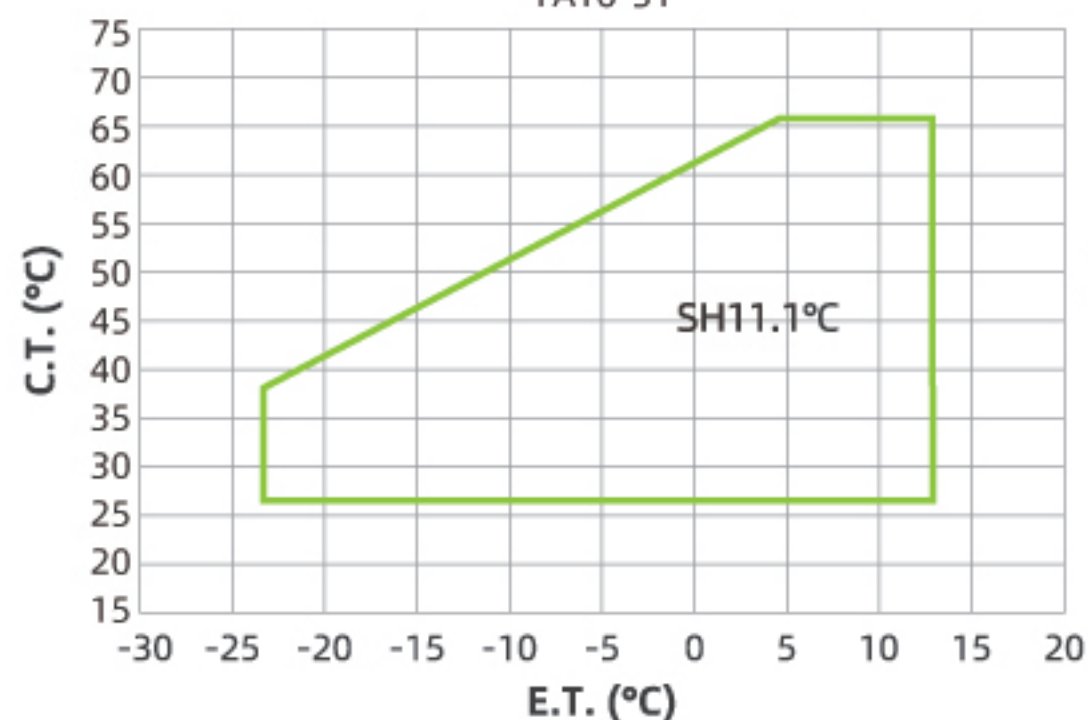
Operating Envelope



Operating Envelope

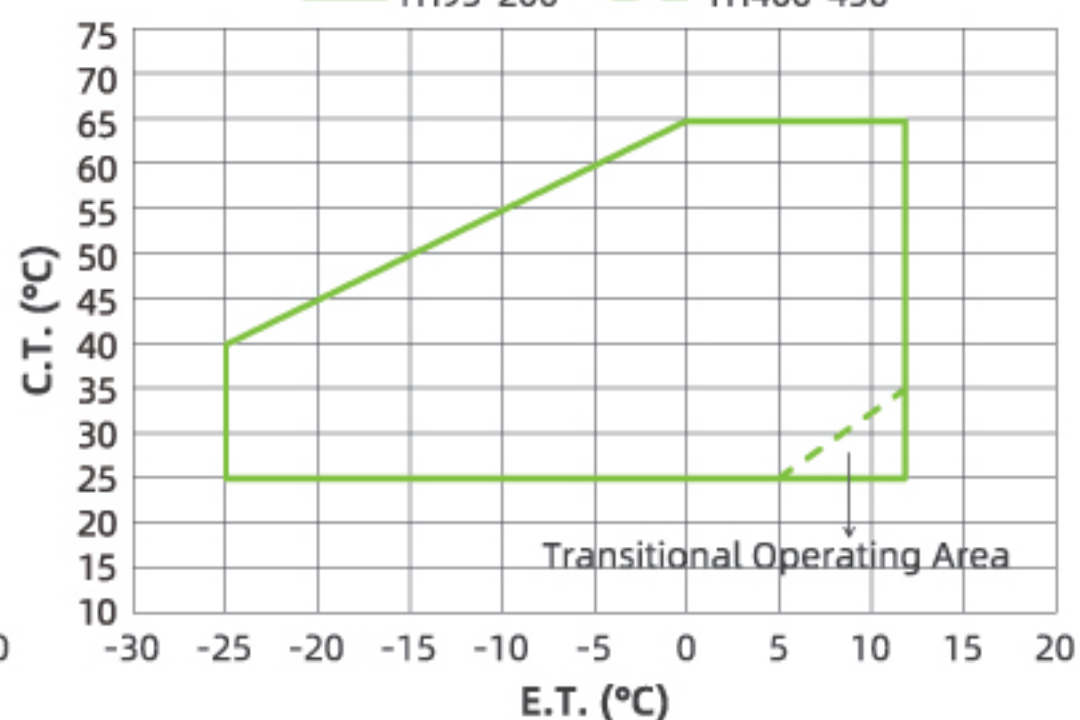
YA R410A

YA16-31



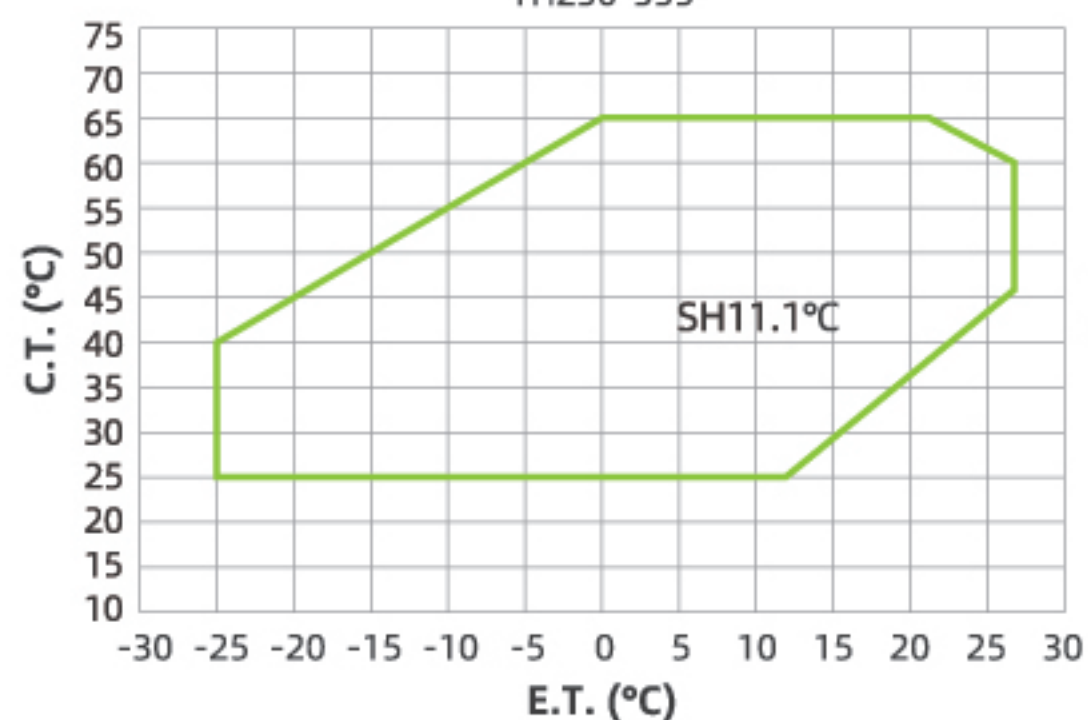
YH R410A

YH95-200 YH400-450



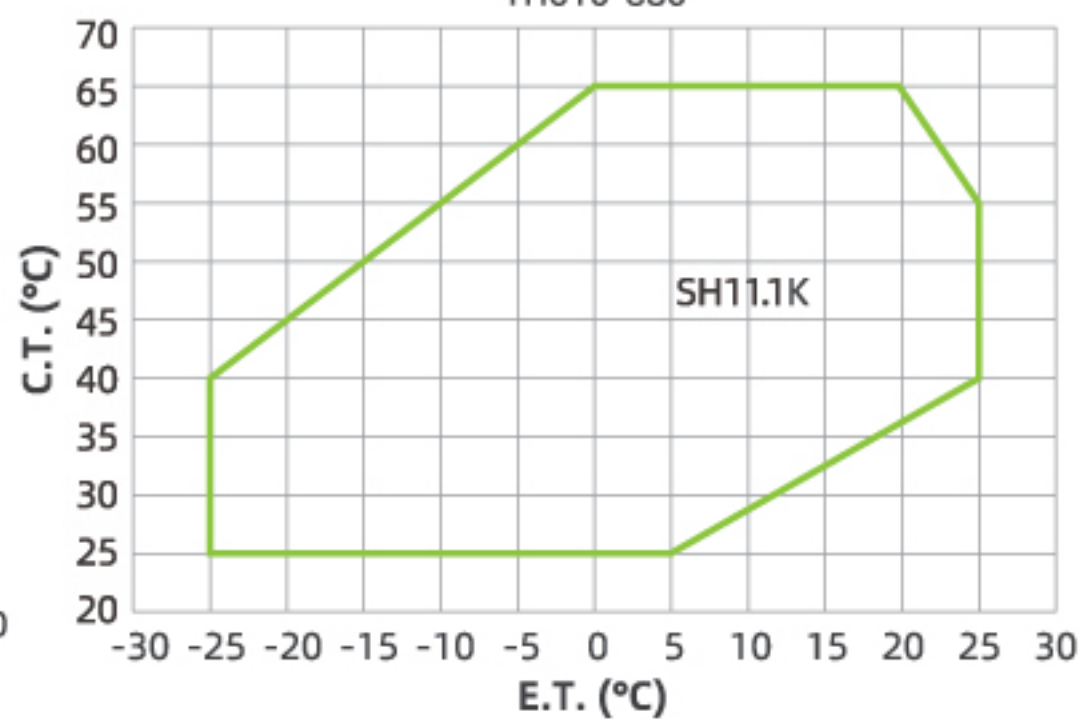
YH R410A

YH230-355



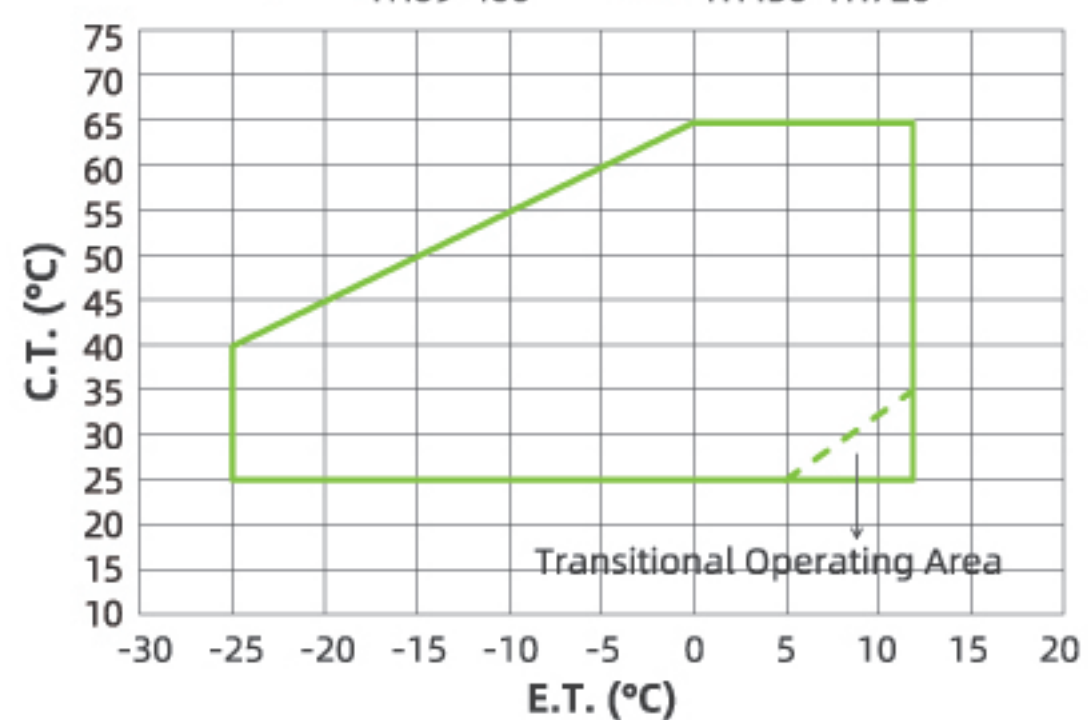
YH R410A

YH610-880

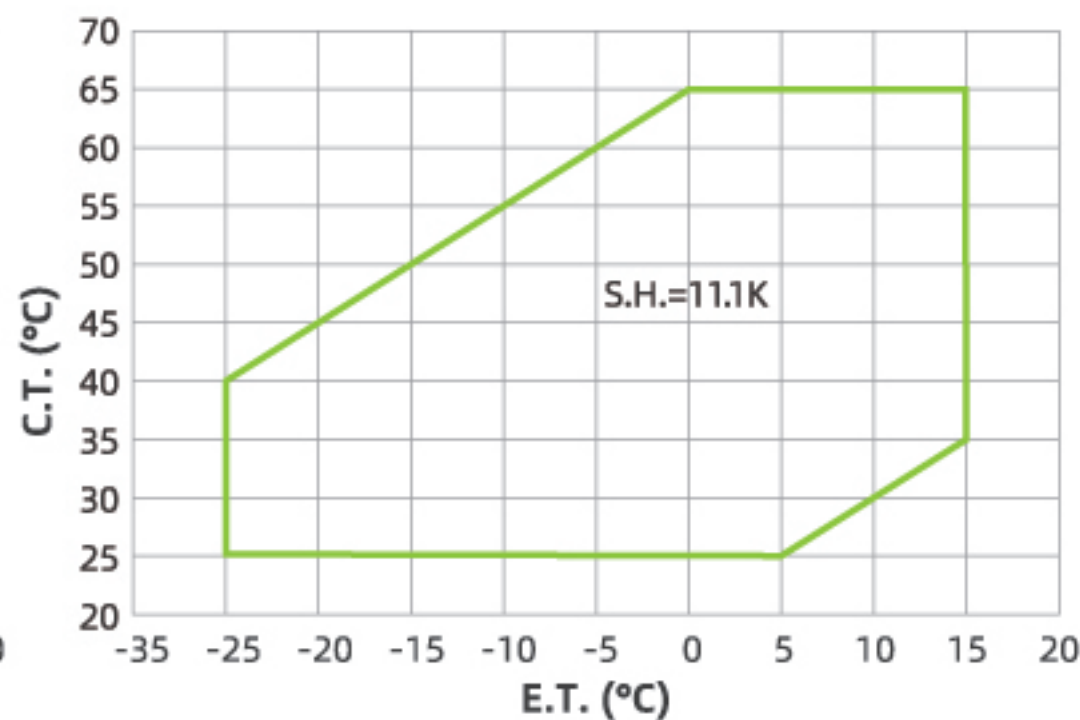


YH R22/R407C

YH69-400 YH450-YH720



YHZ R407C



Specifications R454B

Model / Modelo		YA40B	YA42B	YA50B	YA52B	YA59B	YA69B	YA74B	YA78B
Power in Horse Power / Potencia en caballos de fuerza(HP)		3.5	3.7	4	4.3	5	6	6.5	7
Displacement / Desplazamiento(m³/h)		8.1	8.7	9.7	10.4	12.4	13.9	15	15.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	40081		49628	51427	59626			
	Power in Watt / Potencia en Watt(W)	3756		4473	4617	5289			
	EER (BTU/Wh)	10.67		11.09	11.14	11.27			
220V&380V&460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	39364	41993	49134	50797	58647	69305	73552	78128
	Power in Watt / Potencia en Watt(W)	3688	3946	4507	4579	5319	6284	6671	6914
	EER (BTU/Wh)	10.67	10.64	10.9	11.09	11.03	11.03	11.03	11.30
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	17.6		20.8	21.5	24.2			
	MOC(A)	21.8		26.0	26.8	30.7			
	LRA (A)	109		140	140	140			
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	11.0		13.5	13.7	15.9	18.8	19.8	21.9
	MOC(A)	13.7		17.1	17.3	20.1	23.8	25.3	27.1
	LRA(A)	88		136	136	136.0	167	167	180
380V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA (A)								
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	5.6	6.1	7.0	7.2	8.3	9.3	10.3	10.7
	MOC (A)	7.0	8.4	9.2	9.9	12.1	12.1	13.0	13.6
	LRA (A)	45	60	60	60	60	65	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		4.0							
Low Side / Mínimo		2.0							
Weight / Peso(kg)	1 Phase/Fase	33		37	37	37			
	3 Phase/Fase	30	30	31	31	31	33	33	38

E.T. 7.2°C, C.T. 54.4°C, R.G. 18.3°C, Subcooling / Subenfriamiento 8.3°C

Specifications R454B

Model / Modelo		YA98B	YA108B	YA119B	YA128B	YA133B
Power in Horse Power / Potencia en caballos de fuerza(HP)		8	9	10	11	12
Displacement / Desplazamiento(m ³ /h)		19.1	21.0	22.6	25.8	27.6
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)	97976	107536	118557	128001	133204
	Power in Watt / Potencia en Watt(W)	8765	9667	10764	11550	11900
	EER (BTU/Wh)	11.18	11.12	11.01	11.08	11.19
Electricity / Electricidad						
220V/60Hz /1Ph	Running Current / Corriente de operaci3(A)					
	MOC(A)					
	LRA (A)					
220V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	27.1	29.8	32.1	34.4	35.5
	MOC(A)	36.0	39.3	43.0	44.9	48.7
	LRA(A)	241	241	290	290	290
380V/60Hz /3Ph	Running Current / Corriente de operaci3(A)					
	MOC(A)					
	LRA (A)					
460V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	13.2	14.3	15.0	16.5	17.0
	MOC (A)	16.5	18.0	19.3	21.2	23.0
	LRA (A)	117	117	121	121	121
575V/60Hz /3Ph	Running Current / Corriente de operaci3(A)					
	MOC(A)					
	LRA(A)					
Crankcase Heater / Calentador del c3rter(W)		90				
Fitting Dimensions / Medidas de montaje(Inch)						
Discharge Tube / Tubo de descarga(OD)		7/8				
Suction Tube / Tubo de succi3n(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				
Oil Type / Tipo de aceite		POE				
Initial Charge Volume / Carga de volumen inicial(L)	1 Phase/Fase					
	3 Phase/Fase	2.7		3		
Recharge Volume / Volumen de recarga(L)	1 Phase/Fase					
	3 Phase/Fase	2.55		2.85		
Max Operating Pressure / Presi3n operativa m3xima(MPa)						
High Side / M3ximo		4.0				
Low Side / M3nimo		2.0				
Weight / Peso(kg)	1 Phase/Fase					
	3 Phase/Fase	54	54	54	54	54

E.T. 7.2°C, C.T. 54.4°C, R.G. 18.3°C, Subcooling / Subenfriamiento 8.3°C

Specifications R410A

Model / Modelo		YA16C	YA21C	YA25C	YA31C
Power in Horse Power / Potencia en caballos de fuerza(HP)		1.5	2	2.5	3
Displacement / Desplazamiento(m ³ /h)		3.2	4.3	5.1	6.2
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	15658	21211	25358	30716
	Power in Watt / Potencia en Watt(W)	1700	2130	2450	3000
	EER (BTU/Wh)	9.21	9.96	10.35	10.24
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)				
	Power in Watt / Potencia en Watt(W)				
	EER (BTU/Wh)				
Electricity / Electricidad					
220V/60Hz /1Ph	Running Current / Corriente de operaci3n(A)	7.5	9.3	10.9	13.1
	MOC(A)	11.7	15.7	17.8	23.5
	LRA (A)	53.8	66	77	77
220V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)				
	MOC(A)				
	LRA(A)				
380V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)				
	MOC(A)				
	LRA (A)				
460V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)				
	MOC (A)				
	LRA (A)				
575V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)				
	MOC(A)				
	LRA(A)				
Crankcase Heater / Calentador del c3rter(W)		45			
Fitting Dimensions / Medidas de montaje(Inch)					
Discharge Tube / Tubo de descarga(OD)		1/2			
Suction Tube / Tubo de succi3n(OD)		3/4			
Product Dimensions / Dimensiones del producto(MM)					
Length / Largo(L)		239			
Width / Ancho(W)		239			
Height / Altura(H)	1 Phase/Fase	392			
	3 Phase/Fase				
Oil Type / Tipo de aceite		POE			
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase	0.85			
	3 Phase/Fase				
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	0.7			
	3 Phase/Fase				
Max Operating Pressure / Presi3n operativa m3xima(MPa)					
High Side / M3ximo		3.9			
Low Side / M3nimo		2.75			
Weight / Peso(kg)	1 Phase/Fase	22.8	23.3	24.2	24.2
	3 Phase/Fase				

E.T. 7.2°C / C.T. 54.4°C / R.G. 18.3°C / Subcooling 8.3°C

Specifications R410A

Model / Modelo		YH95C	YH119C	YH128C	YH150C	YH175C	YH183C	YH200C	YH230C	YH266C
Power in Horse Power / Potencia en caballos de fuerza(HP)		3.5	4	4.5	5	6	6.5	7	8	9
Displacement / Desplazamiento(m³/h)		8.0	9.6	10.3	12.4	13.8	14.9	15.7	19.0	20.9
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	39238	48724	52409	61417					
	Power in Watt / Potencia en Watt(W)	3733	4760	5120	5941					
	EER (BTU/Wh)	10.51	10.24	10.24	10.34					
220V&380V&460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	39546	49536	53282	62440	72014	76177	80273	102019	110727
	Power in Watt / Potencia en Watt(W)	3836	4704	5061	5874	6709	7030	7440	9280	10091
	EER (BTU/Wh)	10.31	10.53	10.53	10.63	10.73	10.84	10.79	10.99	10.97
Electricity / Electricidad										
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	17.3	22.8	24.5	30.0					
	MOC(A)	24.0	34.1	36.7	43.0					
	LRA (A)	109	140	140	140					
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	12.1	15.5	16.1	18.0	20.3	21.8	24.2	28.0	30.9
	MOC(A)	15.7	20.6	22.2	27.2	28.2	29.4	35.7	38.2	44.1
	LRA(A)	99	136	136	136.0	167	167	180	241	241
380V/60Hz /3Ph	Running Current / Corriente de operació(A)	7.0	9.0	9.3	10.4	11.7	12.6	13.9	16.2	17.9
	MOC(A)	9.1	11.9	12.8	15.7	16.3	17	20.5	22.1	25.5
	LRA (A)	51	69	69	69	94	94	108	135	135
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	5.8	7.4	7.7	8.6	9.7	10.4	11.6	13.4	14.8
	MOC (A)	7.5	9.9	10.6	13.0	13.5	14.0	17.1	18.3	21.1
	LRA (A)	45	60	60	60	65	65	85	117	117
575V/60Hz /3Ph	Running Current / Corriente de operació(A)	4.6	5.9	6.2	6.9	7.8	8.3		10.7	11.8
	MOC(A)	6.0	7.9	8.5	10.4	10.8	11.2		14.6	16.9
	LRA(A)	38	43	43	43	53	53		80	80
Crankcase Heater / Calentador del cárter(W)		70							90	
Fitting Dimensions / Medidas de montaje(Inch)										
Discharge Tube / Tubo de descarga(OD)		1/2							7/8	
Suction Tube / Tubo de succión(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	418	463							
	3 Phase/Fase	418				463			506.7	
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			2.7	
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	1.25	1.45							
	3 Phase/Fase	1.25				1.45			2.6	
Max Operating Pressure / Presión operativa máxima(MPa)										
High Side / Máximo		4.3								
Low Side / Mínimo		2.0								
Weight / Peso(kg)	1 Phase/Fase	30	31	35	35	35	35			
	3 Phase/Fase	31	33	33	33	35	35	38	53	53

E.T. 7.2°C, C.T. 54.4°C, R.G. 18.3°C, Subcooling / Subenfriamiento 8.3°C

Specifications R410A

Model / Modelo		YH292C	YH325C	YH355C	YH400C	YH450C	YH610C	YH720C	YH880C
Power in Horse Power / Potencia en caballos de fuerza(HP)		10	11	12	13	15	20	25	30
Displacement / Desplazamiento(m³/h)		22.4	25.7	27.5	30.5	35.1	49.5	56.5	69.9
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)	121550	135287	144861	160705	184429	259829	283276	353756
	Power in Watt / Potencia en Watt(W)	10975	12221	13068	14710	16511	24000	26900	31440
	EER (BTU/Wh)	11.08	11.07	11.09	10.92	11.17	10.83	10.53	11.25
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)								
	MOC(A)								
	LRA (A)								
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	33.0	37.0	38.0			70	78.5	
	MOC(A)	49.3	52.3	56.0			103	113	
	LRA(A)	290	290	290			500	500	
380V/60Hz /3Ph	Running Current / Corriente de operació(A)	19.1	21.4	22.0	24.5	27.8	40.8	45.5	
	MOC(A)	28.6	30.3	32.4	37.2	41.3	60	68	
	LRA (A)	163	163	163	156	156	225	225	
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	15.8	17.7	18.2	21.5	24.1	35.2	38.5	47.0
	MOC (A)	23.6	25.0	26.8	32.5	36.0	45	53	66.0
	LRA (A)	121	121	121	148.5	148.5	266	266	348
575V/60Hz /3Ph	Running Current / Corriente de operació(A)	12.6	14.2	14.6					
	MOC(A)	18.9	20.0	21.4					
	LRA(A)	95	95	95					
Crankcase Heater / Calentador del cárter(W)		90					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 1/8					1 5/8		
Product Dimensions / Dimensiones del producto(MM)									
Length / Largo(L)		260					359.8		
Width / Ancho(W)		244					326.2		
Height / Altura(H)	1 Phase/Fase								
	3 Phase/Fase	506.7			556.7		671.2		
Oil Type / Tipo de aceite		POE							
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase								
	3 Phase/Fase	2.7			3.7		5.5		5.5
Recharge Volume Volumen de recarga(L)	1 Phase/Fase								
	3 Phase/Fase	2.6			3.5		5.3		5.3
Max Operating Pressure / Presión operativa máxima(MPa)									
High Side / Máximo		4.3							
Low Side / Mínimo		2.0							
Weight / Peso(kg)	1 Phase/Fase								
	3 Phase/Fase	54	54	54	59	59	104	104	108

E.T. 7.2°C, C.T. 54.4°C, R.G. 18.3°C, Subcooling / Subenfriamiento 8.3°C

Specifications R407C

Model / Modelo		YH69T	YH89T	YH104T	YH119T	YH128T	YH133T	YH140T	YH150T
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	3	3.5	4	4.3	4.5	4.7	5
Displacement / Desplazamiento(m³/h)		8.0	10.3	12.4	13.8	14.9	15.5	16.2	17.4
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	26737	35549	41681	46759	50321	52286	55029	58960
	Power in Watt / Potencia en Watt(W)	2640	3420	3900	4392	4644	4881	5137	5504
	EER (BTU/Wh)	10.13	10.39	10.69	10.65	10.84	10.71	10.71	10.71
220V&380V&460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	27182	35549	42376	47538	51159	53157	55946	59943
	Power in Watt / Potencia en Watt(W)	2614	3243	3860	4296	4538	4719	4997	5336
	EER (BTU/Wh)	10.4	10.96	10.98	11.07	11.27	11.26	11.20	11.23
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	12.5	16.2	18.5	20.8	22.1	23.1	24.3	27.8
	MOC(A)	17.5	23.3	26.0	29.3	31.6	32.8	34.5	37.8
	LRA (A)	76	76	109	109	140	140	140	140
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	9.6	11.1	13.6	14.6	15.0	15.5	16.8	17.2
	MOC(A)	12.7	15.7	17.0	20.1	20.6	21.9	23	24
	LRA(A)	99	99	136	136	136	136	136	136
380V/60Hz /3Ph	Running Current / Corriente de operació(A)	5.6	6.5	7.9	8.2	8.7	9.0	9.7	9.9
	MOC(A)	7.4	9.1	10.4	11.5	11.9	12.7	13.3	13.9
	LRA (A)	51	51	69	69	69	69	69	69
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	4.8	5.3	6.6	7.1	7.6	7.8	8	8.4
	MOC (A)	6.2	7.6	8.7	9.6	10.2	10.6	11.1	11.6
	LRA (A)	45	45	60	60	60	60	60	60
575V/60Hz /3Ph	Running Current / Corriente de operació(A)	3.7	4.3	5.2	5.4	5.7	5.9	6.4	6.5
	MOC(A)	4.9	6.0	6.9	7.6	7.9	8.4	8.8	9.2
	LRA(A)	38	38	43	43	43	43	43	43
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							
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							
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	1.25			1.45				
	3 Phase/Fase	1.25							
Max Operating Pressure / Presión operativa máxima(MPa)									
High Side / Máximo		3.0							
Low Side / Mínimo		2.0							
Weight / Peso(kg)	1 Phase/Fase	31	31	31	35	35	35	35	35
	3 Phase/Fase	31	31	31	33	33	33	33	33

E.T. 7.2°C, C.T. 54.4°C, R.G. 18.3°C, Subcooling / Subenfriamiento 8.3°C

Specifications R407C

Model / Modelo		YH175T	YH200T	YHZ82T	YHZ140T	YHZ185T
Power in Horse Power / Potencia en caballos de fuerza(HP)		6	7	3	5	7
Displacement / Desplazamiento(m³/h)		20.3	22.7	10.4	17.5	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)	68726	79044	33574	56482	74792
	Power in Watt / Potencia en Watt(W)	6086	7164	3154	5172	6799
	EER (BTU/Wh)	11.29	11.03	10.64	10.92	11.00
Electricity / Electricidad						
220V/60Hz /1Ph	Running Current / Corriente de operació(A)					
	MOC(A)					
	LRA (A)					
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	18.8	24.0			
	MOC(A)	28.2	32.8			
	LRA(A)	167	180			
380V/60Hz /3Ph	Running Current / Corriente de operació(A)	10.9	13.9			
	MOC(A)	16.4	19.0			
	LRA (A)	94	108			
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	9.1	11.2	5.3	8.4	10.8
	MOC (A)	13.6	16.1	7.6	11.6	16.1
	LRA (A)	65	85	45	60	85
575V/60Hz /3Ph	Running Current / Corriente de operació(A)	7.2	9.2			
	MOC(A)	10.8	12.6			
	LRA(A)	53	58.4			
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					
	3 Phase/Fase	463		174		
Oil Type / Tipo de aceite		POE				
Initial Charge Volume / Carga de volumen inicial(L)	1 Phase/Fase					
	3 Phase/Fase	1.6		1.4		1.6
Recharge Volume / Volumen de recarga(L)	1 Phase/Fase					
	3 Phase/Fase	1.45		1.25		1.45
Max Operating Pressure / Presión operativa máxima(MPa)						
High Side / Máximo		3.0				
Low Side / Mínimo		2.0				
Weight / Peso(kg)	1 Phase/Fase					
	3 Phase/Fase	35	38	34	34	40

E.T. 7.2°C, C.T. 54.4°C, R.G. 18.3°C, Subcooling / Subenfriamiento 8.3°C

Specifications R407C

Model / Modelo		YH230T	YH266T	YH307T	YH355T	YH400T	YH450T	YH610T	YH720T
Power in Horse Power / Potencia en caballos de fuerza(HP)		8	9	10	12	13	15	20	25
Displacement / Desplazamiento(m³/h)		25.7	29.6	34.9	39.5	44.1	51.7	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)	92328	106273	122674	141864	160091	172866	237612	279876
	Power in Watt / Potencia en Watt(W)	8192	9414	10781	12390	14520	15787	20933	24656
	EER (BTU/Wh)	11.27	11.29	11.38	11.45	11.03	10.95	11.35	11.35
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operaci3(A)								
	MOC(A)								
	LRA (A)								
220V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	26.9	30.9	32.5	37.2				
	MOC(A)	36.8	41.2	47.0	52.9				
	LRA(A)	241	241	290	290				
380V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	15.6	17.9	18.8	21.5	24.0			
	MOC(A)	21.3	23.8	27.2	30.6	38.6			
	LRA (A)	135	135	163	163	156			
460V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	12.9	14.8	15.6	17.8	21.5	20.5	31.5	36.7
	MOC (A)	17.6	19.7	22.5	25.3	32.2	31.5	40.0	51.0
	LRA (A)	117	117	121	121.0	148.5	170.0	205.0	266.0
575V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	10.3	11.8	12.4	14.2				
	MOC(A)	14.1	15.8	18.0	20.2				
	LRA(A)	80	80	95	95				
Crankcase Heater / Calentador del c3rter(W)		90					120		
Fitting Dimensions / Medidas de montaje(Inch)									
Discharge Tube / Tubo de descarga(OD)		7/8					1 1/8		
Suction Tube / Tubo de succi3n(OD)		1 1/8					1 5/8		
Product Dimensions / Dimensiones del producto(MM)									
Length / Largo(L)		266					359.8		
Width / Ancho(W)		244					326.2		
Height / Altura(H)	1 Phase/Fase								
	3 Phase/Fase	506.7					556.5	611.2	671.2
Oil Type / Tipo de aceite		POE							
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase								
	3 Phase/Fase	2.7					3.7	4.2	5.5
Recharge Volume Volumen de recarga(L)	1 Phase/Fase								
	3 Phase/Fase	2.6					3.45	4.0	5.3
Max Operating Pressure / Presi3n operativa m3xima(MPa)									
High Side / M3ximo		3.0							
Low Side / M3nimo		2.0							
Weight / Peso(kg)	1 Phase/Fase								
	3 Phase/Fase	53	53	54	54	57	95	100	104

E.T. 7.2°C, C.T. 54.4°C, R.G. 18.3°C, Subcooling / Subenfriamiento 8.3°C

Specifications R22

Model / Modelo		YH69A	YH89A	YH104A	YH119A	YH128A	YH133A	YH140A	YH150A	YH175A	YH200A
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	3	3.5	4	4.3	4.5	4.7	5	6	7
Displacement / Desplazamiento(m³/h)		8	10.3	12.4	13.8	14.9	15.5	16.2	17.4	20.3	22.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	27842	37048	43401	48724	52409	54456	57322	61417		
	Power in Watt / Potencia en Watt(W)	2620	3386	3876	4350	4596	4836	5090	5454		
	EER (BTU/Wh)	10.63	10.94	11.2	11.20	11.4	11.25	11.26	11.26		
220V&380V&460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	27842	36441	43401	48724	52409	54456	57322	61417	70424	82362
	Power in Watt / Potencia en Watt(W)	2570	3180	3790	4220	4450	4630	4910	5250	5980	7092
	EER (BTU/Wh)	10.83	11.46	11.45	11.55	11.78	11.76	11.67	11.7	11.78	11.61
Electricity / Electricidad											
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	12.4	16.0	18.4	20.6	21.8	22.9	24.1	27.5		
	MOC(A)	17.4	23.0	25.8	29.0	31.2	32.4	34.1	37.1		
	LRA (A)	76	76	109	140	140	140	140	140		
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	9.5	11.0	13.5	14.5	14.9	15.3	16.6	17	18.6	23.6
	MOC(A)	12.6	15.5	16.9	19.9	20.4	21.7	22.8	23.8	27.9	32.4
	LRA(A)	99	99	136	136	136	136	136	136	167	180
380V/60Hz /3Ph	Running Current / Corriente de operació(A)	5.5	6.4	7.8	8.1	8.6	8.9	9.6	9.8	10.8	13.7
	MOC(A)	7.2	9	10.3	11.4	11.8	12.6	13.2	13.8	16.2	18.8
	LRA (A)	51	51	69	69	69	69	69	69	94	108
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	4.8	5.3	6.5	7.0	7.5	7.7	8	8.3	9.0	10.8
	MOC (A)	6.1	7.5	8.6	9.5	10.1	10.5	11	11.5	13.5	16.1
	LRA (A)	45	45	60	60	60	60	60	60	65	85
575V/60Hz /3Ph	Running Current / Corriente de operació(A)	3.6	4.2	5.2	5.4	5.7	5.9	6.3	6.5	7.1	9.0
	MOC(A)	4.8	5.9	6.9	7.6	7.8	8.3	8.7	9.1	10.7	12.4
	LRA(A)	38	38	43	43	43	43	43	43	53	58.4
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		3GS									
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		3.0									
Low Side / Mínimo		2.0									
Weight / Peso(kg)	1 Phase/Fase	31	31	31	35	35	35	35	35		
	3 Phase/Fase	31	31	31	33	33	33	33	33	35	38

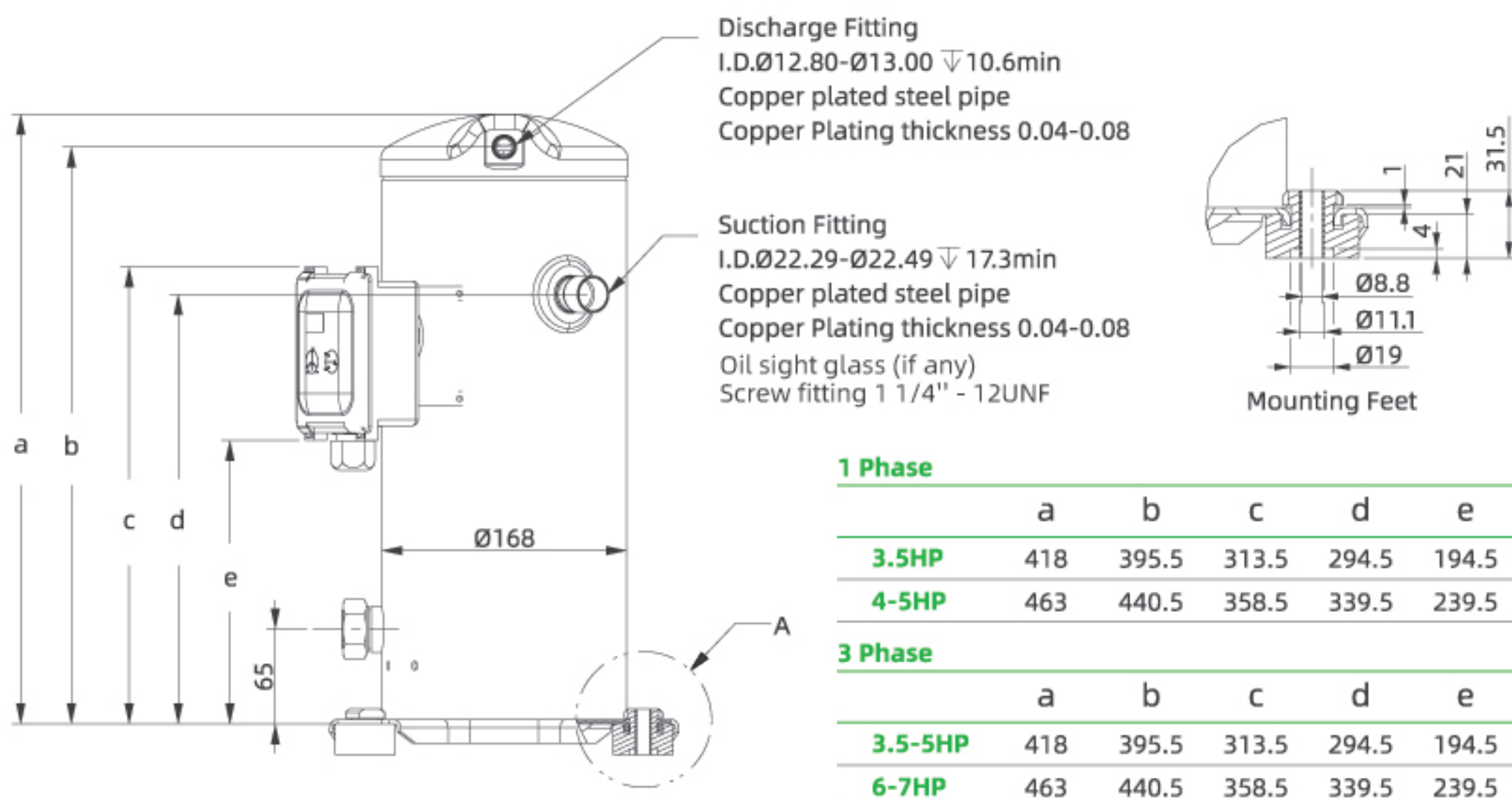
E.T. 7.2°C, C.T. 54.4°C, R.G. 18.3°C, Subcooling / Subenfriamiento 8.3°C

Specifications R22

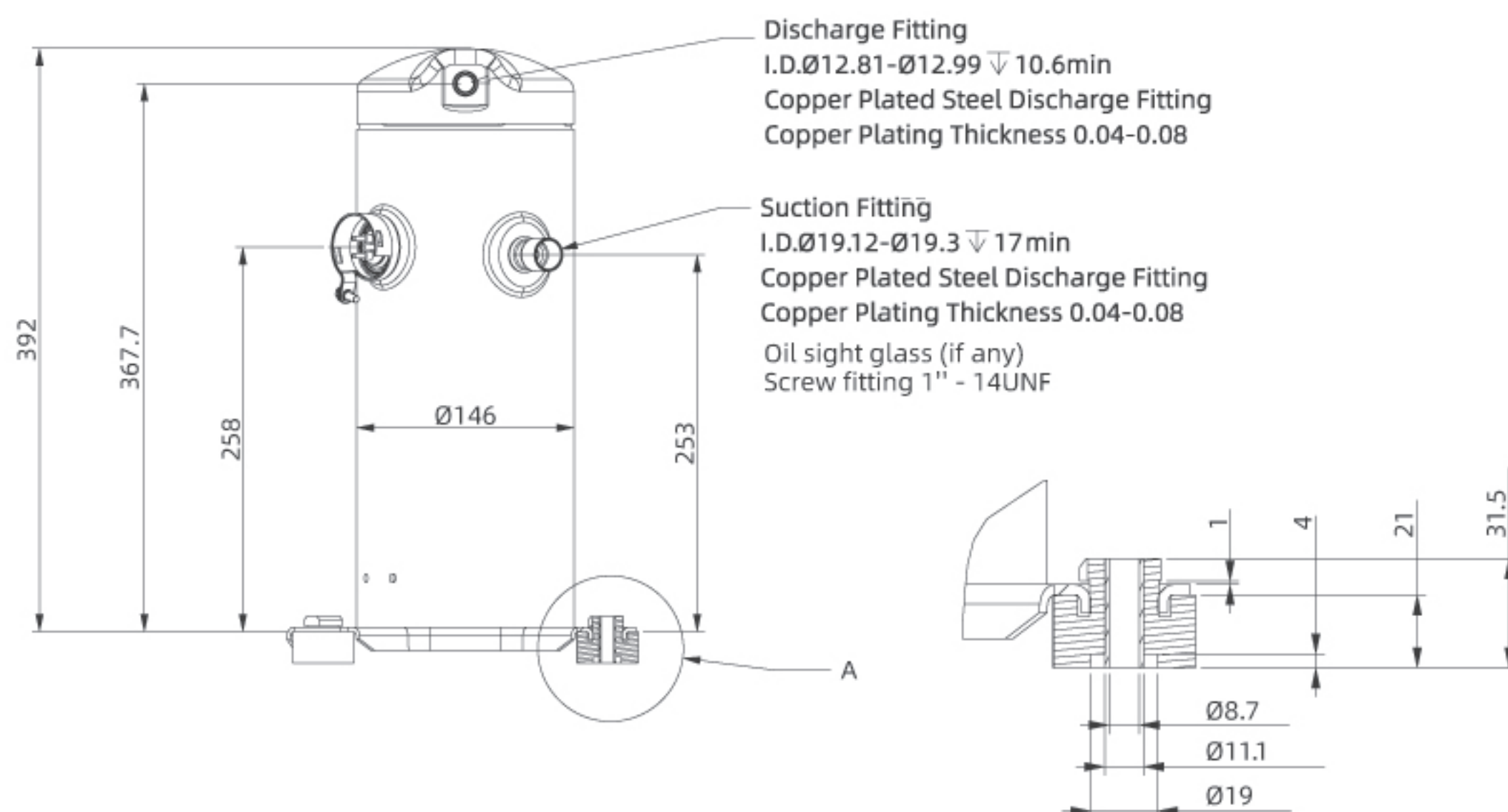
Model / Modelo		YH230A	YH266A	YH307A	YH355A	YH400A	YH450A	YH610A	YH720A
Power in Horse Power / Potencia en caballos de fuerza(HP)		8	9	10	12	13	15	20	25
Displacement / Desplazamiento(m³/h)		25.7	29.6	34.9	39.5	44.1	51.7	69.9	82.3
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)								
	Power in Watt / Potencia en Watt(W)								
	EER (BTU/Wh)								
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	96158	110727	127794	147775	167052	179239	242487	285622
	Power in Watt / Potencia en Watt(W)	8107	9317	10672	12269	12000	12991	17575	20701
	EER (BTU/Wh)	11.86	11.88	11.97	12.04	13.92	13.80	13.80	13.80
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operaci3n(A)								
	MOC(A)								
	LRA (A)								
220V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)	26.5	30.5	32.2	36.8				
	MOC(A)	36.4	40.8	46.6	52.3				
	LRA(A)	241	241	290	290				
380V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)	15.4	17.7	18.6	21.3	23.8			
	MOC(A)	21.1	23.6	27.0	30.3	38.4			
	LRA (A)	135	135	163	163	156			
460V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)	12.7	14.6	15.4	17.6	21.2	20.5	31.5	36.7
	MOC (A)	17.4	19.5	22.3	25.0	32.0	31.5	40.0	50.1
	LRA (A)	117	117	121	121.0	148.5	170.0	266.0	266.0
575V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)	10.2	11.7	12.3	14.1				
	MOC(A)	13.9	15.6	17.8	20.0				
	LRA(A)	80	80	95	95				
Crankcase Heater / Calentador del c3rter(W)		90					120	120	
Fitting Dimensions / Medidas de montaje(Inch)									
Discharge Tube / Tubo de descarga(OD)		7/8					1 1/8	1 1/8	
Suction Tube / Tubo de succi3n(OD)		1 1/8					1 5/8	1 5/8	
Product Dimensions / Dimensiones del producto(MM)									
Length / Largo(L)		266					350.9	359.5	
Width / Ancho(W)		244					326.2	326.2	
Height / Altura(H)	1 Phase/Fase								
	3 Phase/Fase	506.7					556.5	611.2	671.2
Oil Type / Tipo de aceite		3GS							
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase								
	3 Phase/Fase	2.7					3.7	4.2	5.5
Recharge Volume Volumen de recarga(L)	1 Phase/Fase								
	3 Phase/Fase	2.6					3.45	4.0	5.3
Max Operating Pressure / Presi3n operativa m3xima(MPa)									
High Side / M3ximo		3.0							
Low Side / M3nimo		2.0							
Weight / Peso(kg)	1 Phase/Fase								
	3 Phase/Fase	53	53	54	54	57	95	100	104

E.T. 7.2°C, C.T. 54.4°C, R.G. 18.3°C, Subcooling / Subenfriamiento 8.3°C

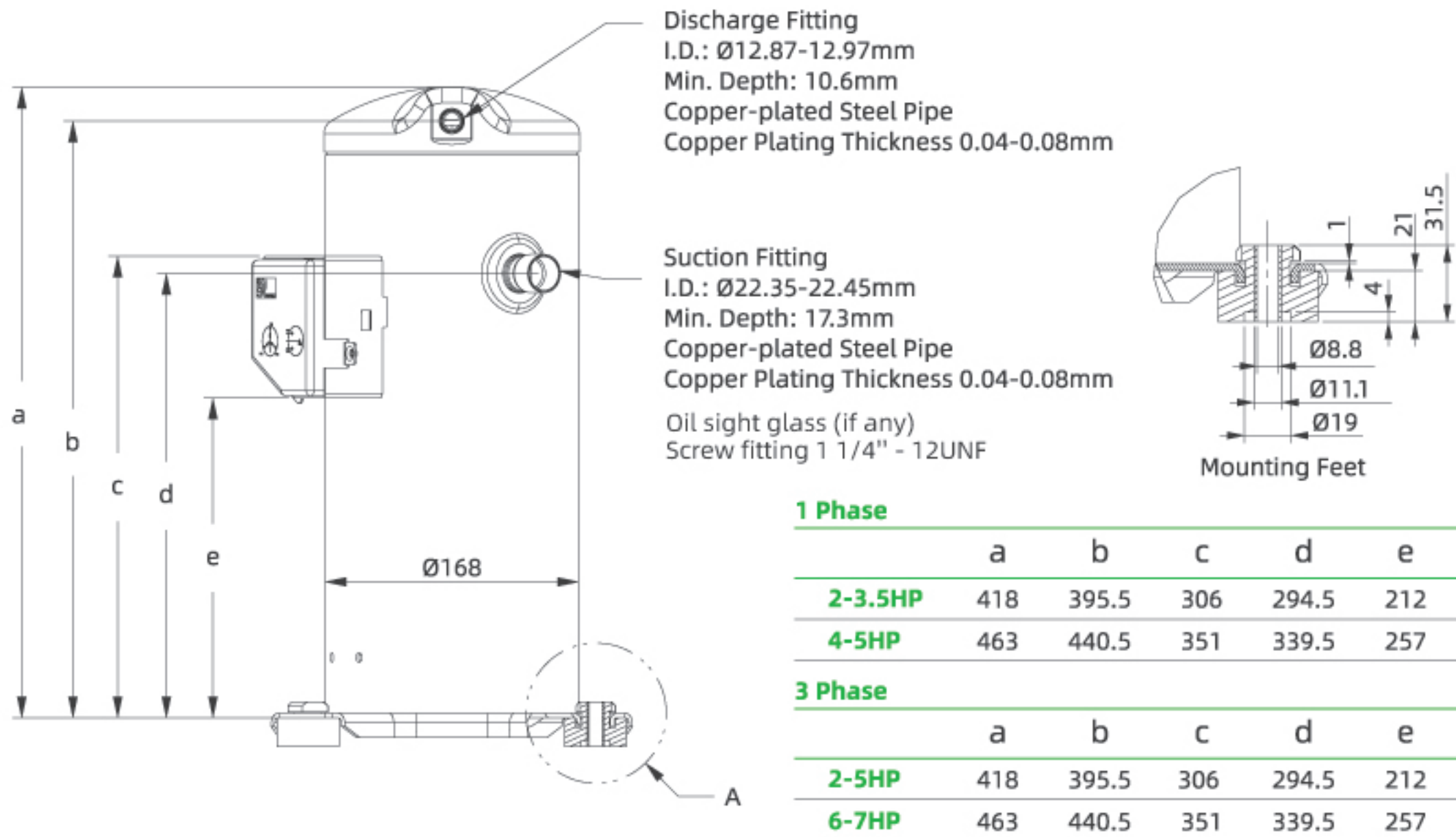
Dimensions R454B 3.5-7HP



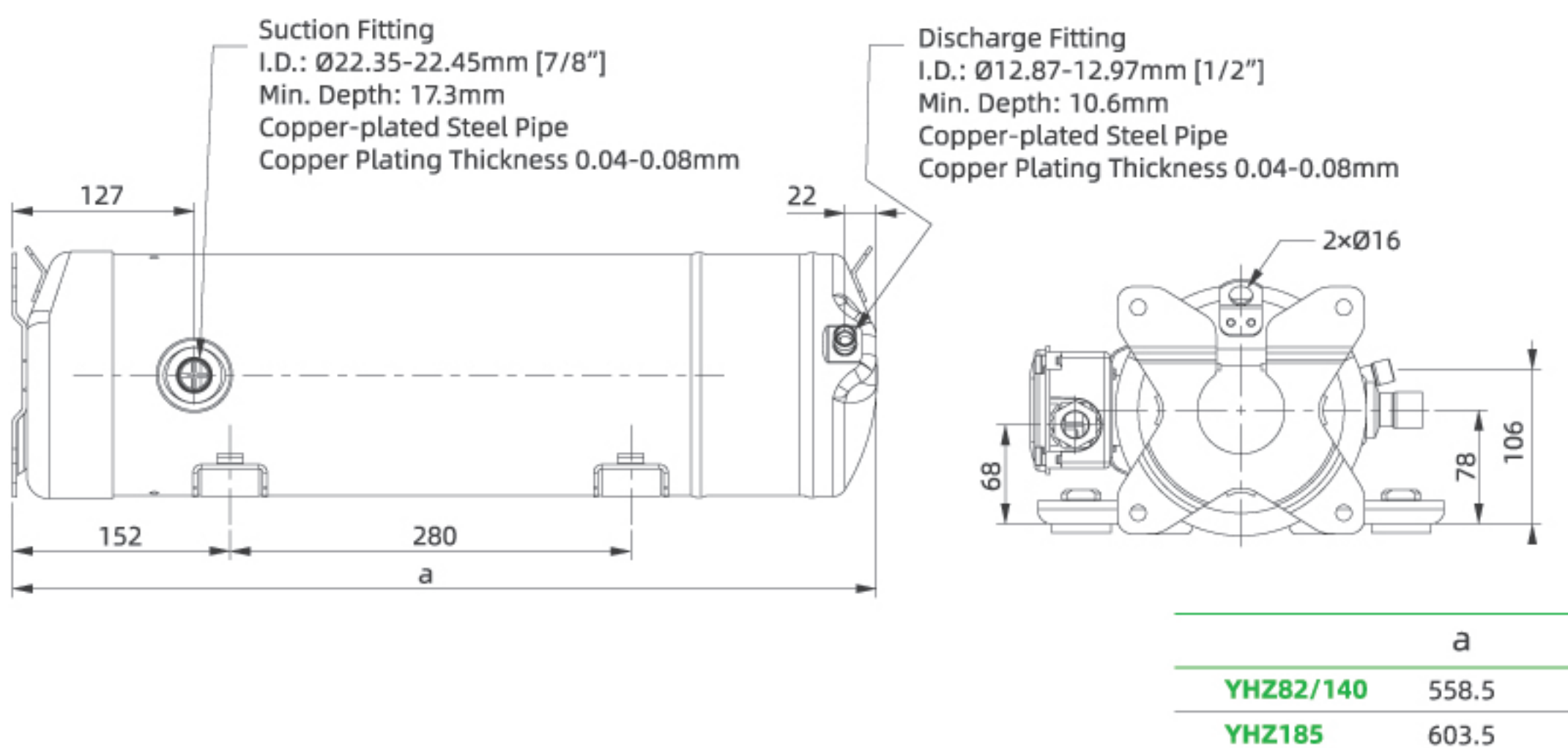
Dimensions R410A YA16-31



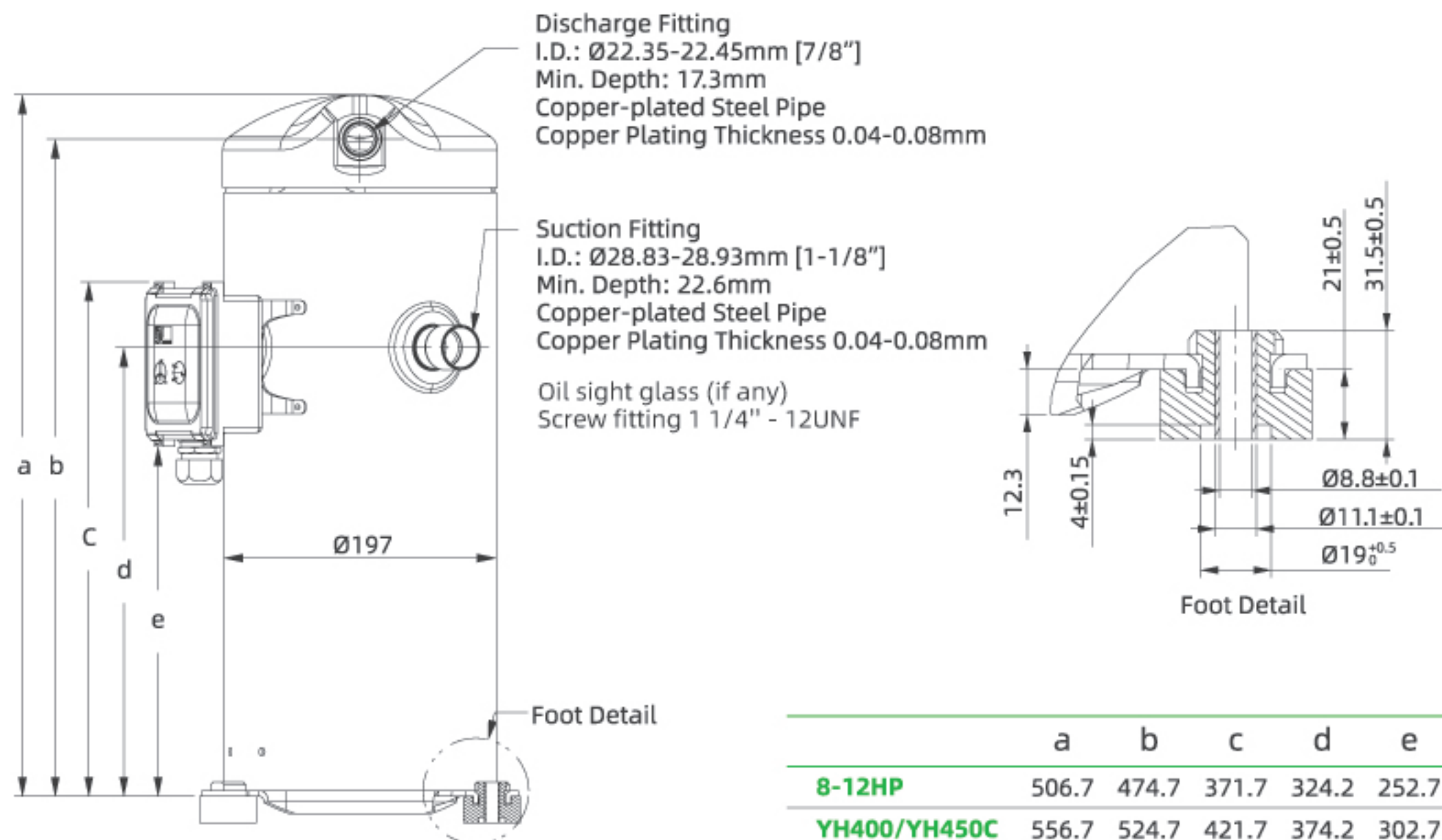
Dimensions 2-7HP



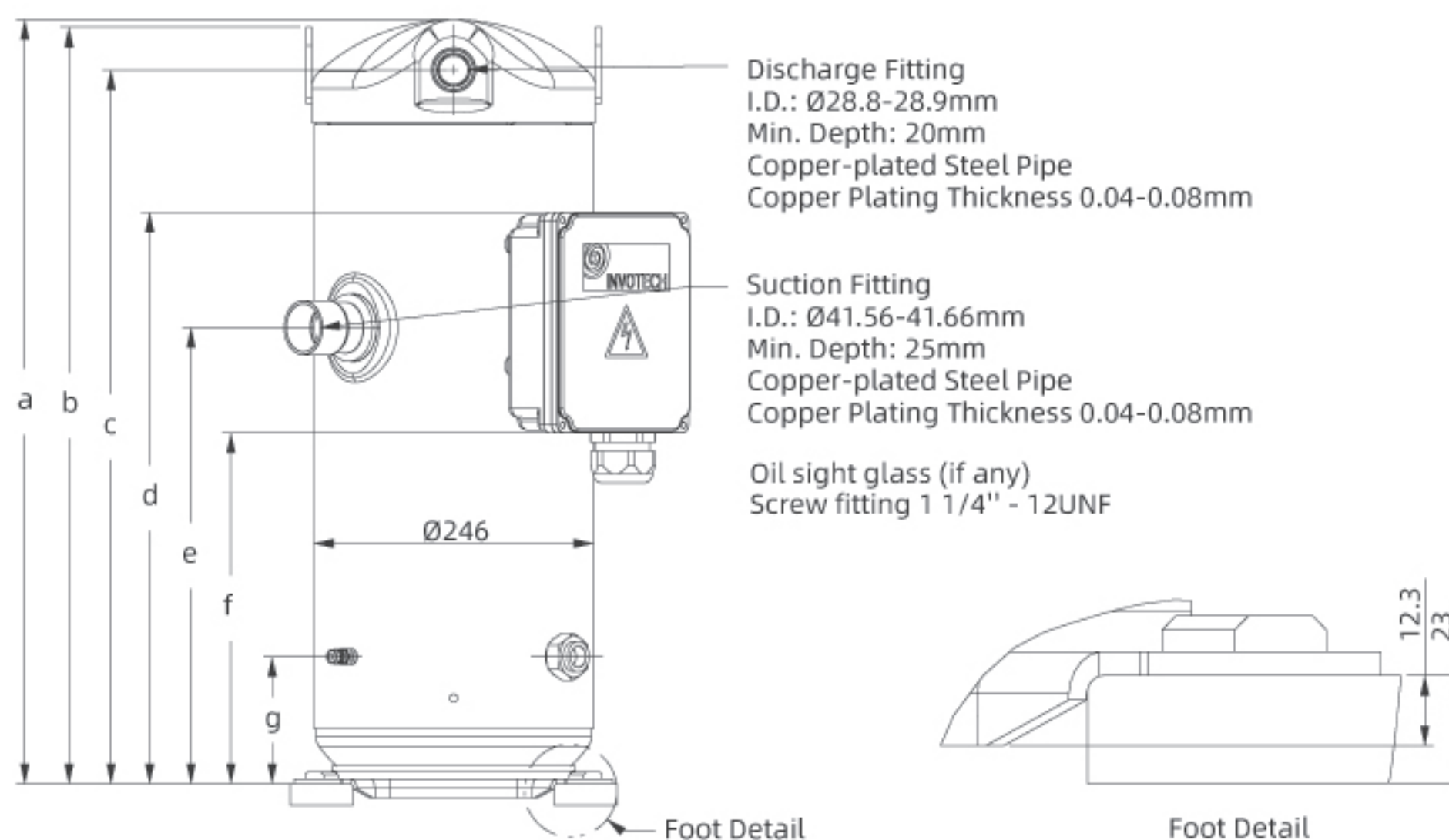
Dimensions Horizontal YHZ82-185



Dimensions 8-15HP



Dimensions 15-30HP

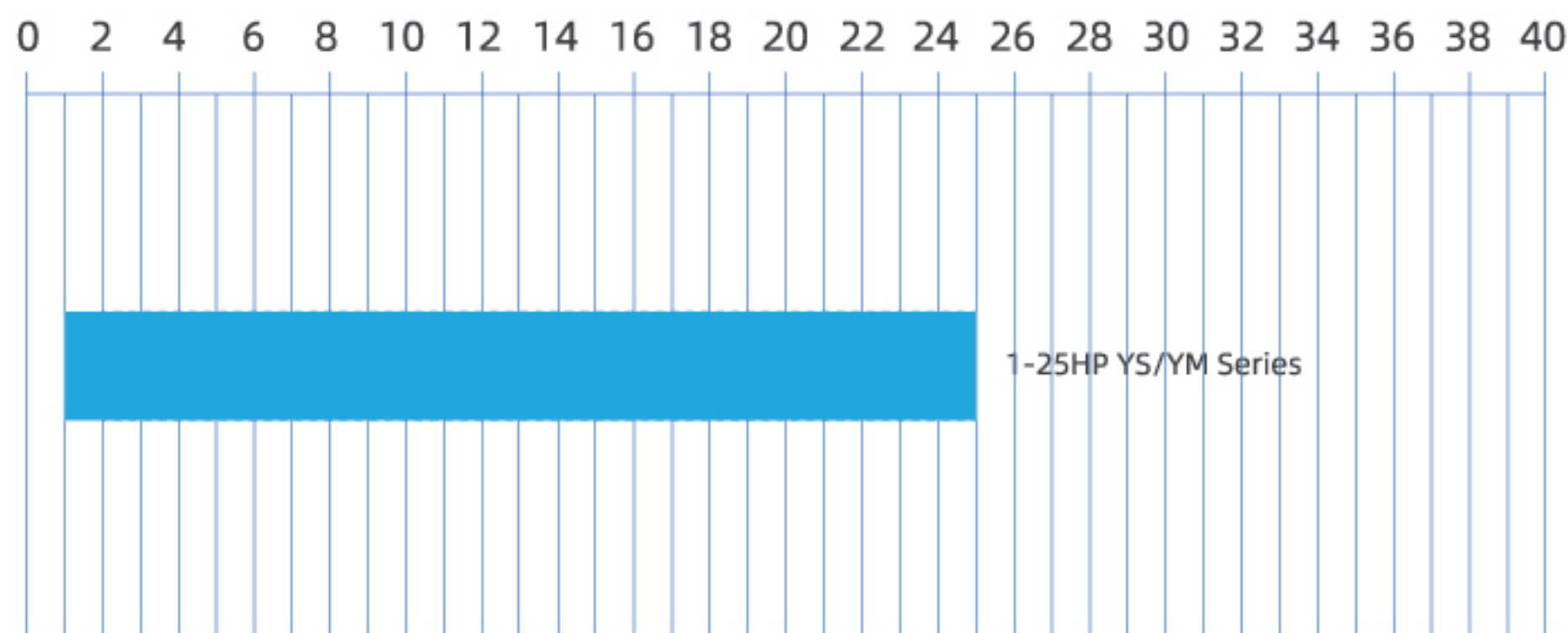


	a	b	c	d	e	f	g
YH450T/YH450A	611.2	604.7	567.2	442.1	340.7	248.1	83.7
20-30HP	671.2	664.7	627.2	502.1	400.7	308.1	111.7

SCROLL COMPRESSORS FOR MEDIUM TEMPERATURE REFRIGERATION

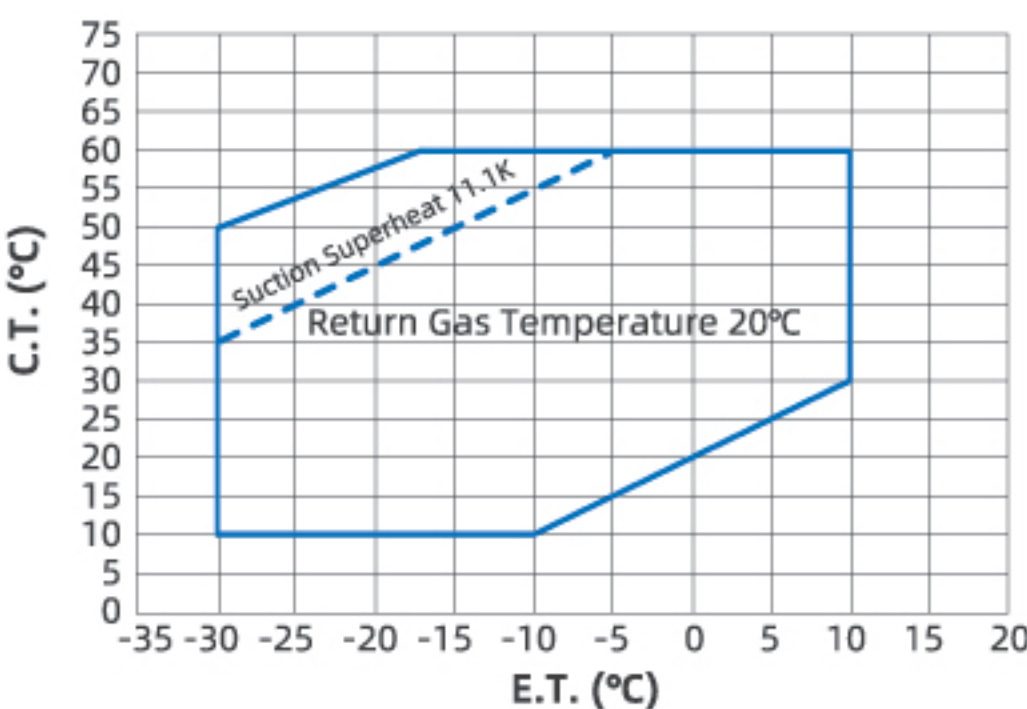


Product Line-up

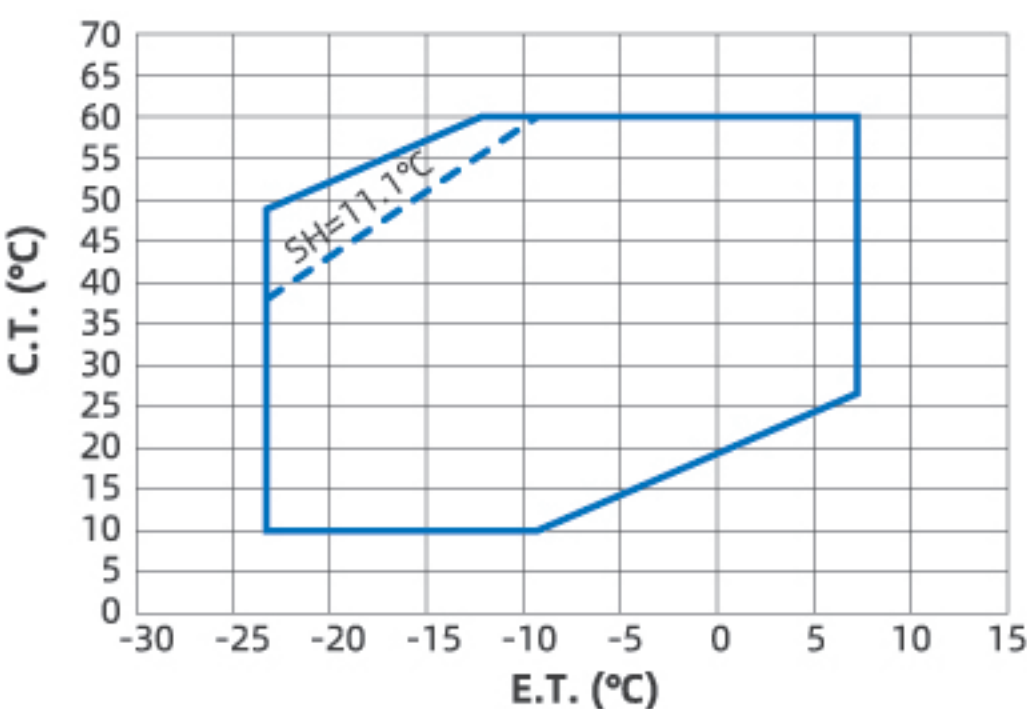


Operating Envelope

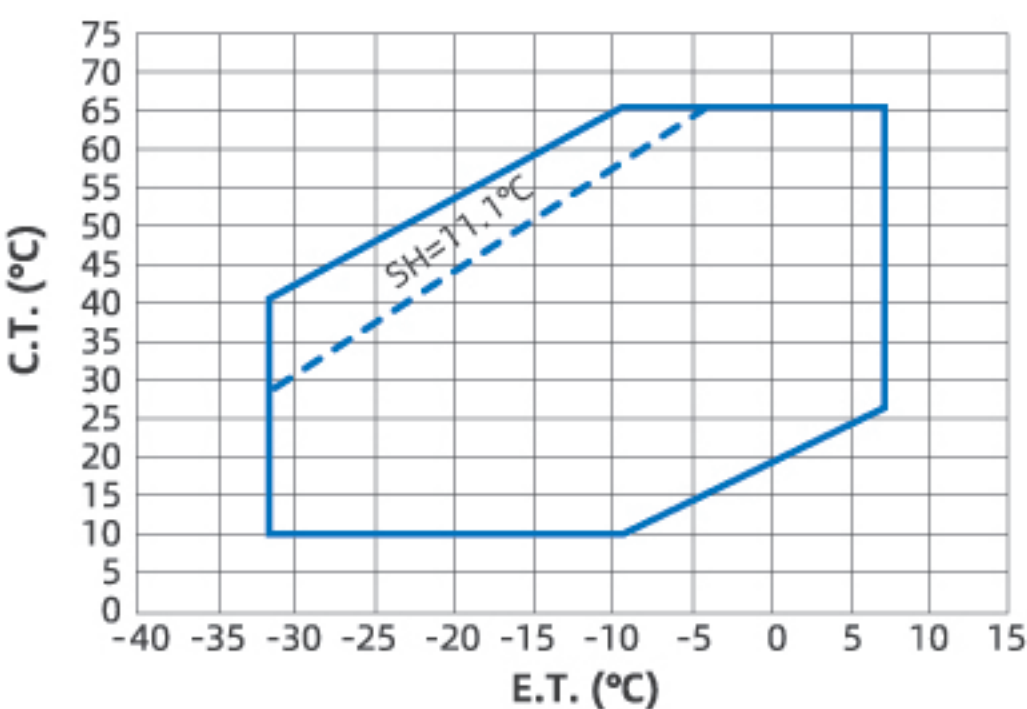
YM31-101 R290



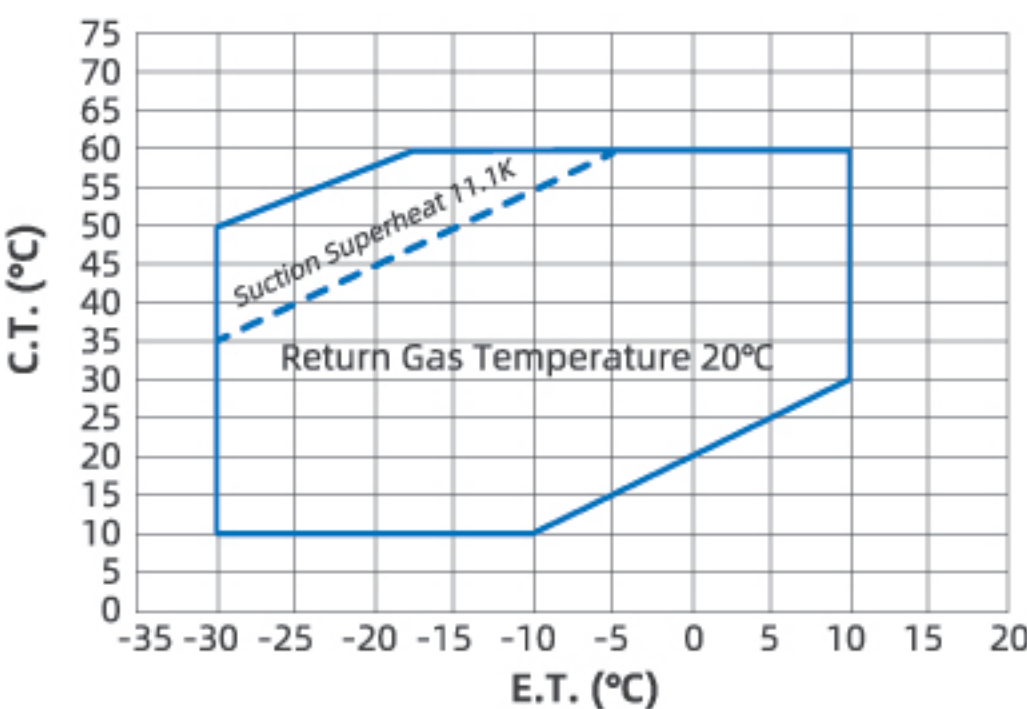
YS07 R454C R455A



YS09-19 R454C R455A

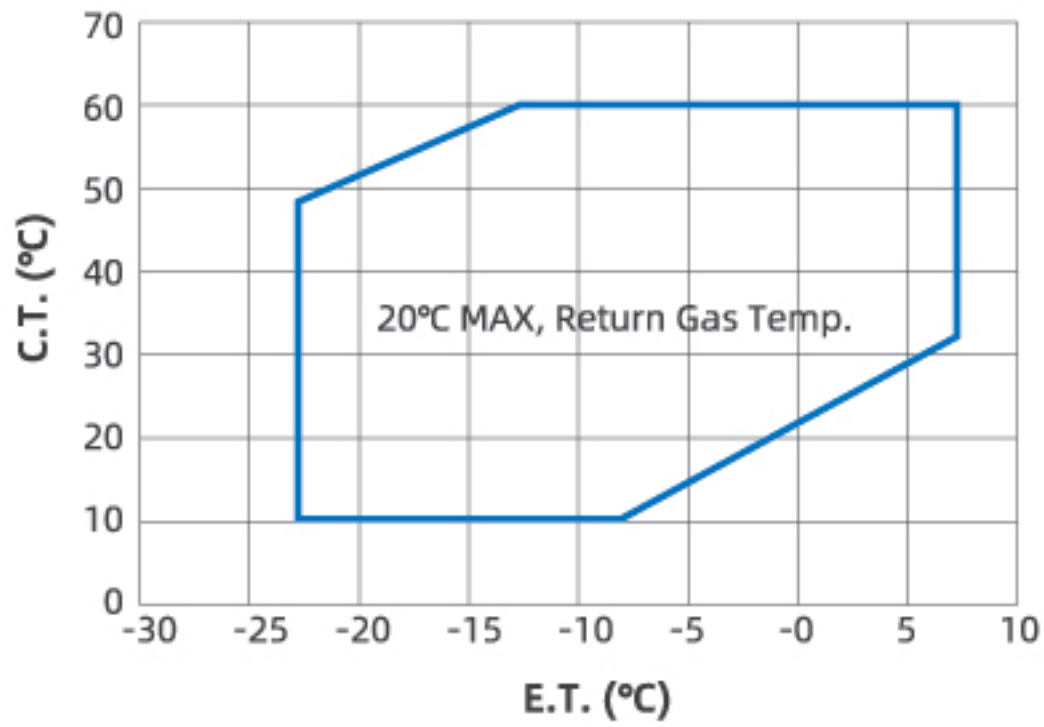


YS24-YS42 R454C R455A

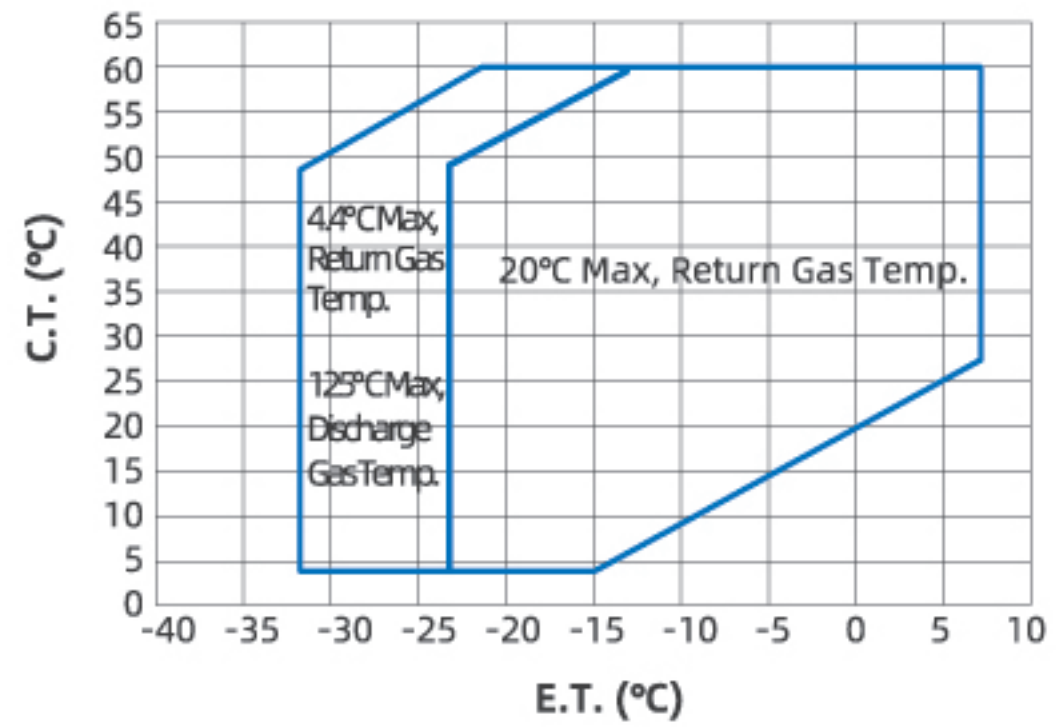


Operating Envelope

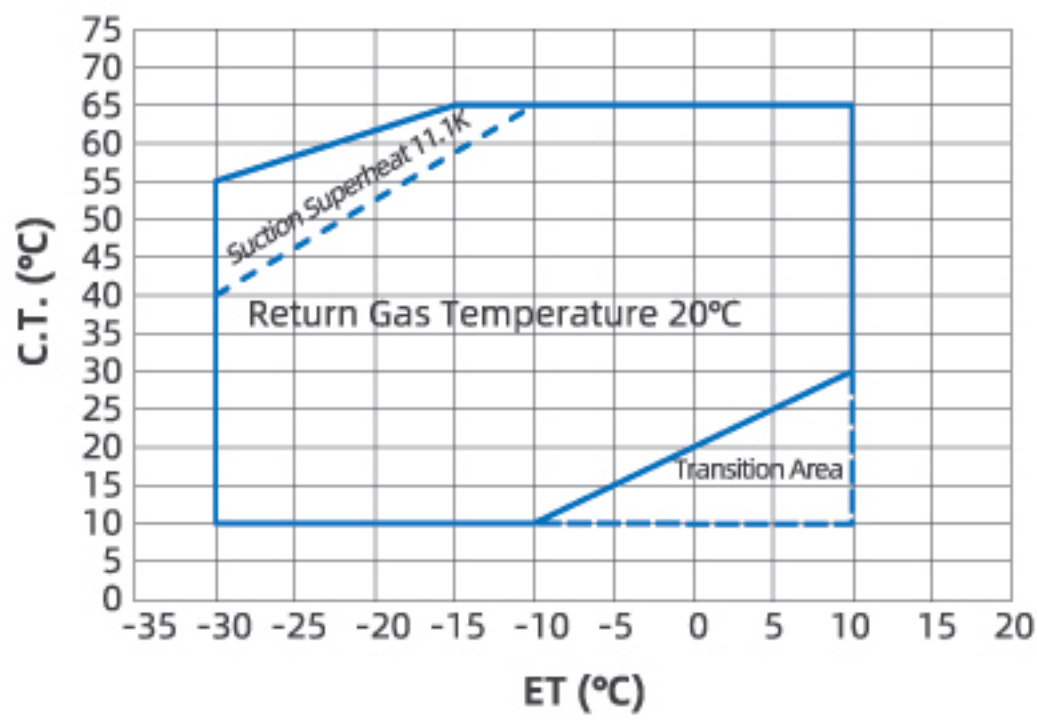
YS07 R404A



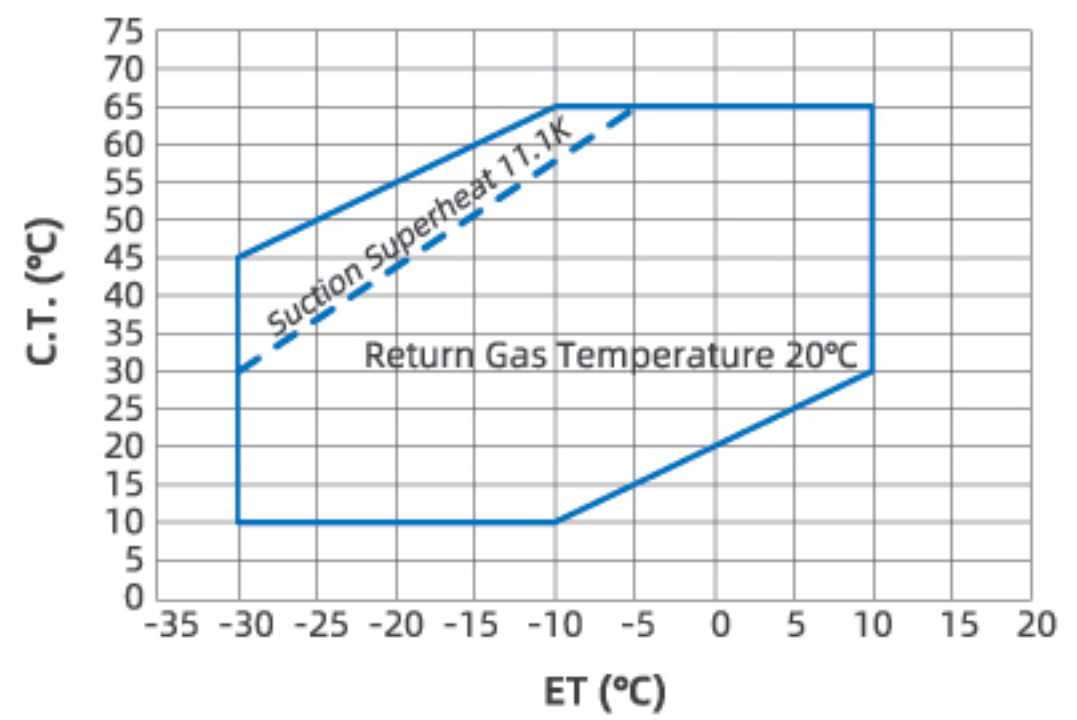
YS09-YS20 R404A



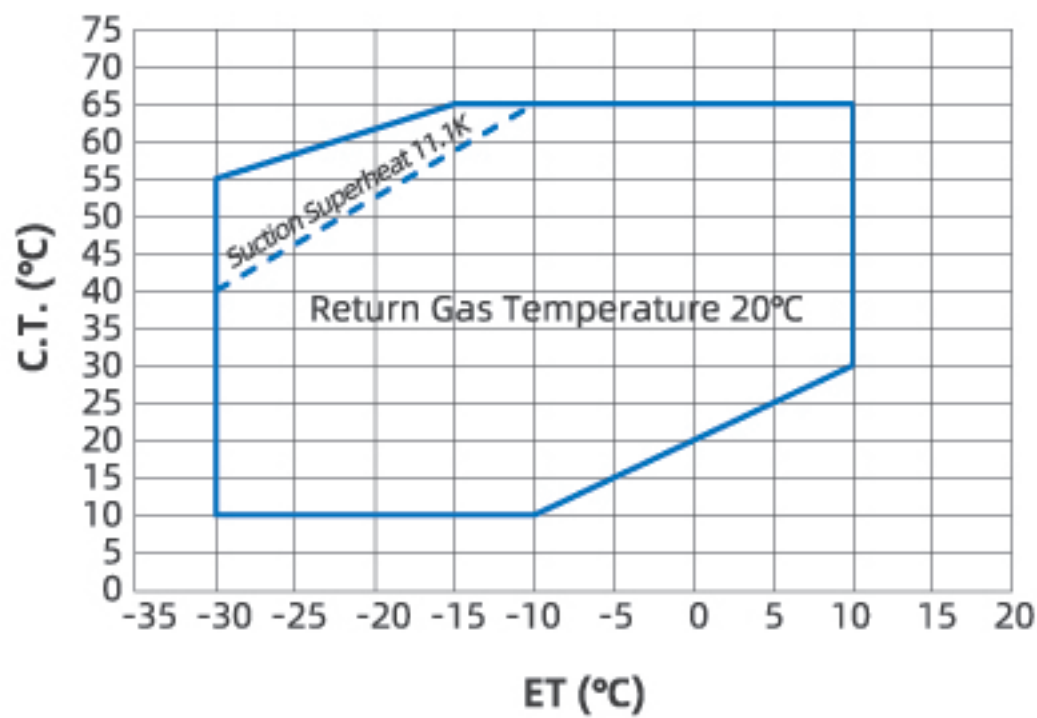
YM34-210/YM350-410 R404A



YM34-210 R448A R449A



YM34-115 R452A



Specifications 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

Specifications R454C

Model / Modelo		YS07U	YS09U	YS11U	YS12U	YS14U	YS16U	YS19U
Power in Horse Power / Potencia en caballos de fuerza(HP)		1	1.3	1.5	1.8	2	2.5	3
Displacement / Desplazamiento(m ³ /h)		3.6	4.5	5.3	6.1	7.1	8.2	9.9
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	6320	8260	9600	11400	13300	15100	18360
	Power in Watt / Potencia en Watt(W)	970	1180	1375	1570	1840	2060	2480
	EER (BTU/Wh)	6.52	7	6.98	7.26	7.23	7.33	7.4
220V&380V& 460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	6320	8260	9600	11400	13300	15100	18360
	Power in Watt / Potencia en Watt(W)	970	1180	1375	1570	1820	2040	2455
	EER (BTU/Wh)	6.52	7	6.98	7.26	7.31	7.4	7.48
Electricity / Electricidad								
220V/60Hz /1Ph	Running Current / Corriente de operaci��(A)	4.3	5.2	6	6.8	8	9	11
	MOC(A)	5.3	7.4	8.5	9.9	11.6	13.5	16
	LRA (A)	47.5	47.5	53.8	53.8	66	66	77
220V/60Hz /3Ph	Running Current / Corriente de operaci��(A)	2.9	3.5	4	4.6	5.3	5.9	7.2
	MOC(A)	3.5	5	5.7	6.6	8.4	9.1	10.5
	LRA(A)	61	61	61	61	61	61	61
380V/60Hz /3Ph	Running Current / Corriente de operaci��(A)							
	MOC(A)							
	LRA (A)							
460V/60Hz /3Ph	Running Current / Corriente de operaci��(A)	2.2		2.5		2.9	3.1	3.9
	MOC (A)	2.5		3.5		4.4	4.7	5.8
	LRA (A)	37		37		37	37	41
575V/60Hz /3Ph	Running Current / Corriente de operaci��(A)							
	MOC(A)							
	LRA(A)							
Crankcase Heater / Calentador del c��rter(W)		45						
Fitting Dimensions / Medidas de montaje(Inch)								
Discharge Tube / Tubo de descarga(OD)		1/2						
Suction Tube / Tubo de succi��n(OD)		3/4						
Product Dimensions / Dimensiones del producto(MM)								
Length / Largo(L)		239						
Width / Ancho(W)		239						
Height / Altura(H)	1 Phase/Fase	392						
	3 Phase/Fase							
Oil Type / Tipo de aceite		POE						
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase	0.85						
	3 Phase/Fase	0.85						
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	0.7						
	3 Phase/Fase	0.7						
Max Operating Pressure / Presi��n operativa m��xima(MPa)								
High Side / M��ximo		3.2						
Low Side / M��nimo		2.0						
Weight / Peso(kg)	1 Phase/Fase	23.5	23.5	24.5	24.5	25.5	25.5	26.2
	3 Phase/Fase	25	25	25	25	26	26	26

YS07-YS19: E.T. -6.7  C / C.T. 48.9  C / R.G. 18.3  C / No Subcooling

Specifications R454C

Model / Modelo		YS24U	YS28U	YS34U	YS40U	YS42U
Power in Horse Power / Potencia en caballos de fuerza(HP)		3.5	4	5	6	7
Displacement / Desplazamiento(m³/h)		12.2	14.2	17.5	20.6	22.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	22922	26784	32909		
	Power in Watt / Potencia en Watt(W)	3158	3506	4265		
	EER (BTU/Wh)	7.26	7.64	7.72		
220V&380V&460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	22922	26784	32909	38078	41845
	Power in Watt / Potencia en Watt(W)	3084	3509	4265	4932	5424
	EER (BTU/Wh)	7.43	7.63	7.72	7.72	7.71
Electricity / Electricidad						
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	14.8	16.3	19.8		
	MOC(A)	22.9	26.1	32.7		
	LRA (A)	109	140	140		
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	10	11.4	13.7	16	17.6
	MOC(A)	14.4	16.4	19.9	23	25.5
	LRA(A)	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)	5.4	6.2	7.4	8.2	8.9
	MOC (A)	6.7	7.6	9.2	10.7	11.8
	LRA (A)	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	1.6				
	3 Phase/Fase	1.6				
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	1.45				
	3 Phase/Fase	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	33	38	38		
	3 Phase/Fase	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

Specifications R455A

Model / Modelo		YS07U	YS09U	YS11U	YS12U	YS14U	YS16U	YS19U
Power in Horse Power / Potencia en caballos de fuerza(HP)		1	1.3	1.5	1.8	2	2.5	3
Displacement / Desplazamiento(m³/h)		3.6	4.5	5.3	6.1	7.1	8.2	9.9
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	7060	9150	10600	12500	14750	16600	20500
	Power in Watt / Potencia en Watt(W)	1000	1280	1470	1680	1920	2110	2580
	EER (BTU/Wh)	7.06	7.15	7.21	7.44	7.68	7.87	7.95
220V&380V&460V&575V /60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	7060	9150	10600	12500	14750	16600	20500
	Power in Watt / Potencia en Watt(W)	1000	1280	1470	1680	1900	2090	2580
	EER (BTU/Wh)	7.06	7.15	7.21	7.44	7.76	7.94	7.95
Electricity / Electricidad								
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	4.4	5.6	6.4	7.3	8.4	9.3	11.3
	MOC(A)	5.4	7.8	9.6	10.8	12.3	13.8	16.8
	LRA (A)	47.5	47.5	53.8	53.8	66	66	77
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	3	3.7	4.3	4.9	5.6	6.2	7.5
	MOC(A)	3.6	5.2	6.4	7.2	8.8	9.5	10.8
	LRA(A)	61	61	61	61	61	61	61
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)		45						
Fitting Dimensions / Medidas de montaje(Inch)								
Discharge Tube / Tubo de descarga(OD)		1/2						
Suction Tube / Tubo de succión(OD)		3/4						
Product Dimensions / Dimensiones del producto(MM)								
Length / Largo(L)		239						
Width / Ancho(W)		239						
Height / Altura(H)	1 Phase/Fase	392						
	3 Phase/Fase							
Oil Type / Tipo de aceite		POE						
Initial Charge Volume / Carga de volumen inicial(L)	1 Phase/Fase	0.85						
	3 Phase/Fase	0.85						
Recharge Volume / Volumen de recarga(L)	1 Phase/Fase	0.7						
	3 Phase/Fase	0.7						
Max Operating Pressure / Presión operativa máxima(MPa)								
High Side / Máximo		3.2						
Low Side / Mínimo		2.0						
Weight / Peso(kg)	1 Phase/Fase	23.5	23.5	24.5	24.5	25.5	25.5	26.2
	3 Phase/Fase	25	25	25	25	26	26	26

YS07-YS19: E.T. -6.7°C / C.T. 48.9°C / R.G. 18.3°C / No Subcooling

Specifications R455A

Model / Modelo		YS24U	YS28U	YS34U	YS40U	YS42U
Power in Horse Power / Potencia en caballos de fuerza(HP)		3.5	4	5	6	7
Displacement / Desplazamiento(m³/h)		12.2	14.2	17.5	20.6	22.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	24573	28872	36102		
	Power in Watt / Potencia en Watt(W)	3433	3822	4593		
	EER (BTU/Wh)	7.16	7.55	7.86		
220V&380V&460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	24573	28872	35778	41732	44376
	Power in Watt / Potencia en Watt(W)	3352	3825	4593	5317	5836
	EER (BTU/Wh)	7.33	7.55	7.79	7.85	7.60
Electricity / Electricidad						
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	16.1	17.8	21.3		
	MOC(A)	31	34.4	41.5		
	LRA (A)	109	140	140		
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	10.8	12.4	14.8	17.2	20.2
	MOC(A)	15.6	17.8	21.4	24.8	27.2
	LRA(A)	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	1.6				
	3 Phase/Fase	1.6				
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	1.45				
	3 Phase/Fase	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	33	38	38		
	3 Phase/Fase	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

Specifications R404A

Model / Modelo		YS07E	YS09E	YS11E	YS13E	YS15E	YS19E	YS20E	YM34E	YM43E
Power in Horse Power / Potencia en caballos de fuerza(HP)		1	1.3	1.5	1.8	2	2.5	3	2	2.5
Displacement / Desplazamiento(m³/h)		3.6	4.5	5.3	6.1	7.1	8.2	9.9	7	8.8
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	7220	9410	10990	13040	15290	17320	21230	14576	17401
	Power in Watt / Potencia en Watt(W)	1160	1440	1660	1960	2225	2480	2990	2373	2833
	EER (BTU/Wh)	6.22	6.53	6.62	6.65	6.87	6.98	7.1	6.14	6.14
220V&380V&460V&575V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	7220	9410	10990	13040	15200	17130	20900	14819	17691
	Power in Watt / Potencia en Watt(W)	1160	1440	1660	1960	2160	2430	2950	2482	2803
	EER (BTU/Wh)	6.22	6.53	6.62	6.65	7.04	7.05	7.08	5.97	6.31
Electricity / Electricidad										
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	5.2	6.3	7.3	8.6	9.8	10.9	13.1	11.2	13.4
	MOC(A)	6.5	8	9.2	10.8	12.5	14.3	17.3	19.5	20.7
	LRA (A)	47.5	47.5	53.8	53.8	66	66	77	76	76
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	4.8	4.9	5.4	5.9	6.5	7.3	8.3	9.1	10
	MOC(A)	5.8	6.9	8	8.9	9.5	10.8	14.5	10.8	13.3
	LRA(A)	61	61	61	61	61	61	61	88	88
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)	2.7		3.1		3.5	3.7	4.6	3.5	4.8
	MOC (A)	3		3.8		4.7	5	6.3	5.2	6.4
	LRA (A)	37		37		37	37	41	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)		45							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	392							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							1.4	
	3 Phase/Fase	0.85							1.4	
Recharge Volume Volumen de recarga(L)	1 Phase/Fase	0.7							1.25	
	3 Phase/Fase	0.7							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	23.5	23.5	24.5	24.5	25.5	25.5	26.2	31	31
	3 Phase/Fase	25	25	25	25	26	26	26	30	30

YS07-YS20: E.T. -6.7°C / C.T. 48.9°C / R.G. 18.3°C / No Subcooling

YM34-YM43: E.T. -6.7°C / C.T. 48.9°C / R.G. 4.4°C / No Subcooling

Specifications 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	46192	18359	33574	45214
	Power in Watt / Potencia en Watt(W)	3108	3864	4397	5153	6161	6770	2984	5184	6922
	EER (BTU/Wh)	6.48	6.47	6.55	6.82	6.82	6.82	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)	88	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	31	33	38	38					
	3 Phase/Fase	30	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

Specifications 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)	51658	53670	65945	74329	83724	87269	88784
	Power in Watt / Potencia en Watt(W)	7580	7659	9396	10517	12090	12600	13527
	EER (BTU/Wh)	6.82	7.01	7.02	7.07	6.93	6.93	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

Specifications R404A

Model / Modelo		YM260E	YM280E	YM350E	YM410E
Power in Horse Power / Potencia en caballos de fuerza(HP)		15	16	22	25
Displacement / Desplazamiento(m³/h)		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)	102360	115872	135625	156643
	Power in Watt / Potencia en Watt(W)	15240	16920	21020	24450
	EER (BTU/Wh)	6.72	6.85	6.45	6.41
Electricity / Electricidad					
220V/60Hz /1Ph	Running Current / Corriente de operaci3n(A)				
	MOC(A)				
	LRA (A)				
220V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)				
	MOC(A)				
	LRA(A)				
380V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)			36.5	41.5
	MOC(A)			59.5	69.5
	LRA (A)			300	300
460V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)	22.8	26.4	29.4	34.5
	MOC (A)	32	40.3	41	51
	LRA (A)	170	216	205	266
575V/60Hz /3Ph	Running Current / Corriente de operaci3n(A)				
	MOC(A)				
	LRA(A)				
Crankcase Heater / Calentador del c3rter(W)		120			
Fitting Dimensions / Medidas de montaje(Inch)					
Discharge Tube / Tubo de descarga(OD)		1 1/8			
Suction Tube / Tubo de succi3n(OD)		1 5/8			
Product Dimensions / Dimensiones del producto(MM)					
Length / Largo(L)		350.9			
Width / Ancho(W)		326.2			
Height / Altura(H)	1 Phase/Fase				
	3 Phase/Fase	611.2	676.7		
Oil Type / Tipo de aceite		POE			
Initial Charge Volume Carga de volumen inicial(L)	1 Phase/Fase				
	3 Phase/Fase	4.2	5.5		
Recharge Volume Volumen de recarga(L)	1 Phase/Fase				
	3 Phase/Fase	4	5.3		
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	95	100	104	104

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

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

Specifications R448A R449A

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(m³/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 operació(A)							
	MOC(A)							
	LRA (A)							
220V/60Hz /3Ph	Running Current / Corriente de operació(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)	180	241	241	241	290	290	290
380V/60Hz /3Ph	Running Current / Corriente de operació(A)							
	MOC(A)							
	LRA (A)							
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	10.1						
	MOC (A)	15.8						
	LRA (A)	85						
575V/60Hz /3Ph	Running Current / Corriente de operació(A)							
	MOC(A)							
	LRA(A)							
Crankcase Heater / Calentador del cárter(W)		70	90					
Fitting Dimensions / Medidas de montaje(Inch)								
Discharge Tube / Tubo de descarga(OD)		1/2	7/8					
Suction Tube / Tubo de succión(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 / Presión operativa máxima(MPa)								
High Side / Máximo		3.2						
Low Side / Mínimo		2.0						
Weight / Peso(kg)	1 Phase/Fase							
	3 Phase/Fase	38	53	53	53	54	54	54

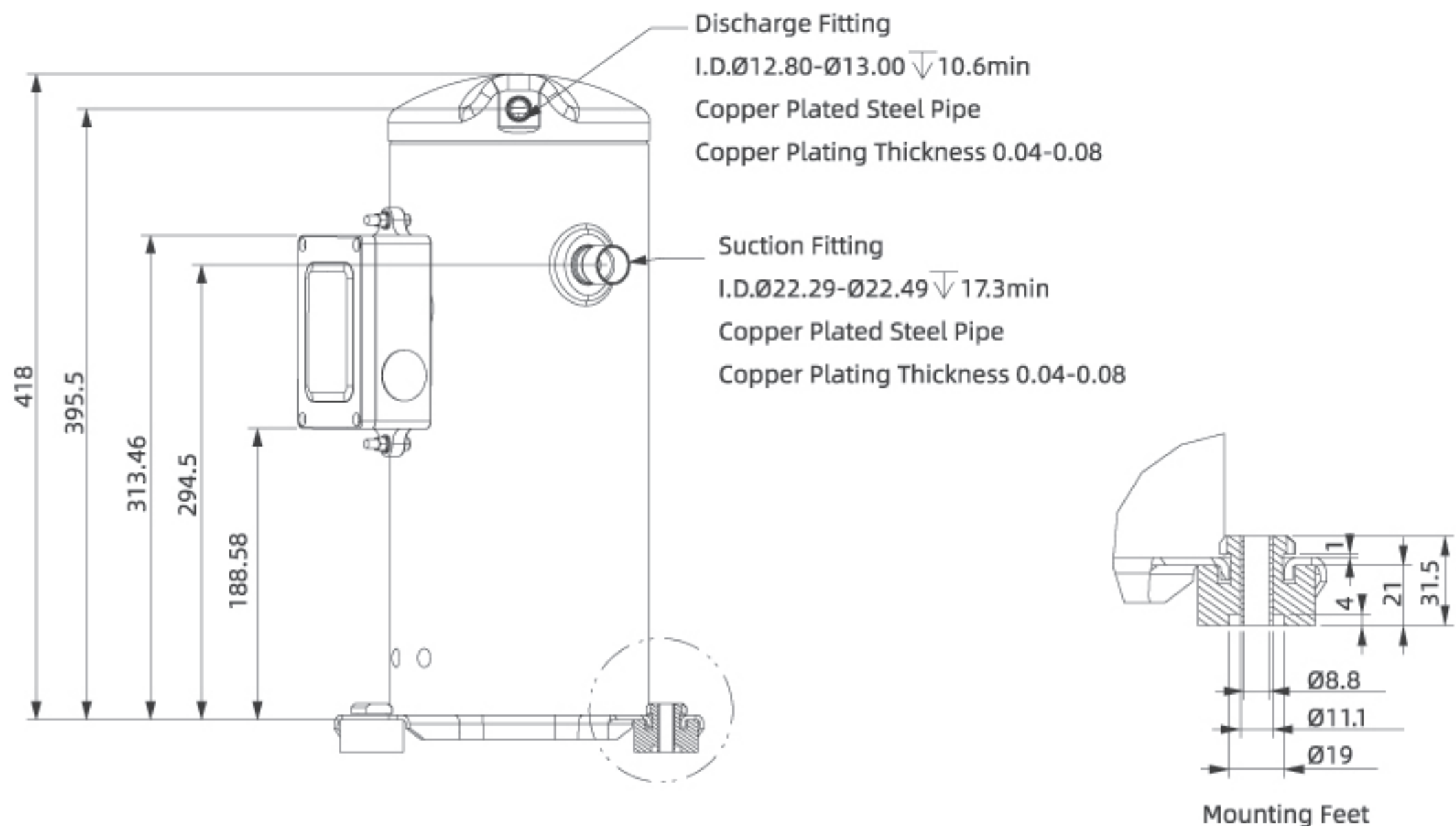
E.T. -6.7°C, C.T. 48.9°C, R.G. 4.4°C, No Sub-cooling / No Subenfriamiento

Specifications R452A

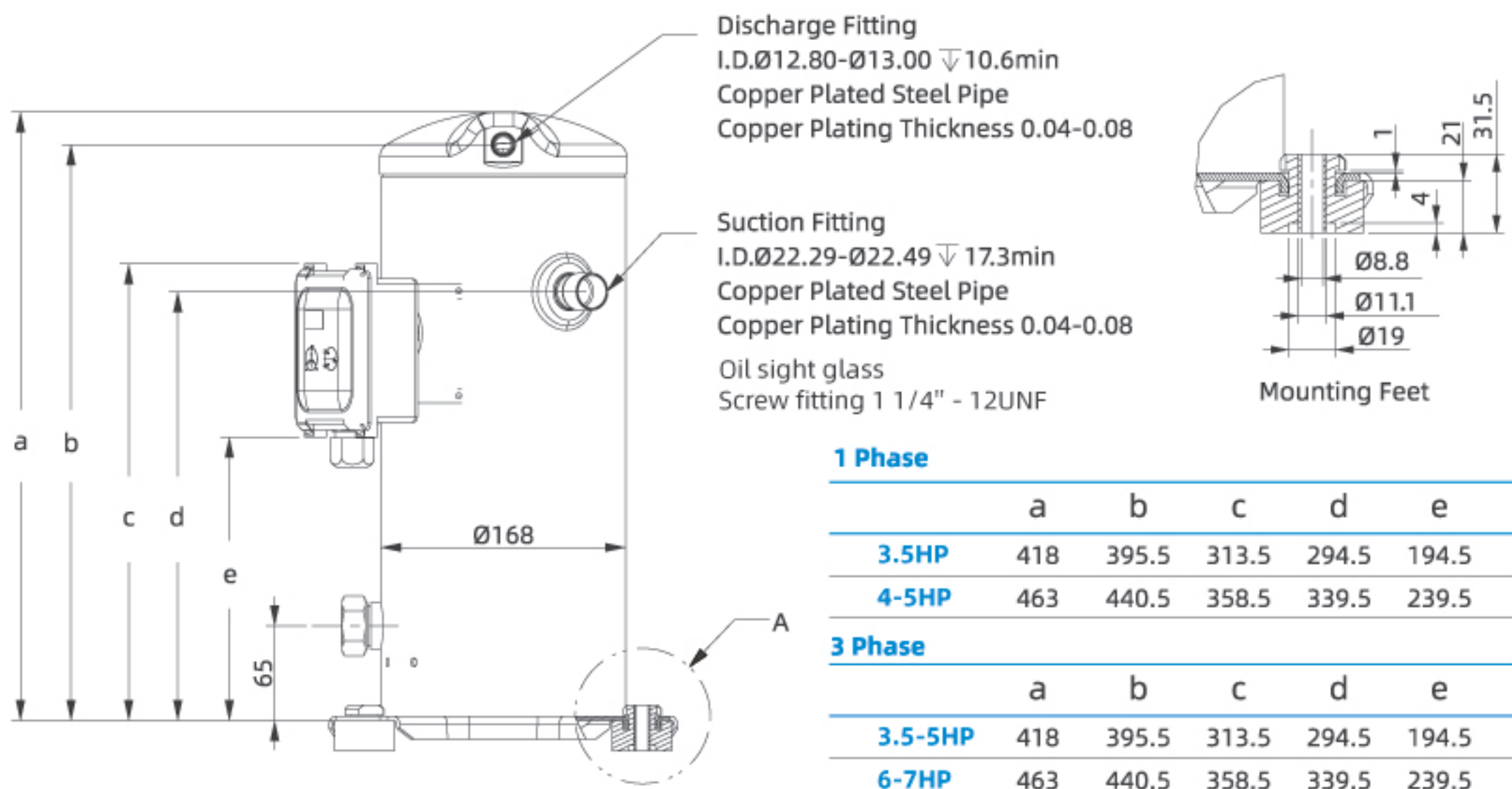
Model / Modelo		YM34E	YM43E	YM49E	YM60E	YM70E	YM86E	YM102E	YM115E
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7
Displacement / Desplazamiento(m³/h)		7	8.8	9.7	12.2	14.2	17.4	20.5	22.7
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	14576	17401	19817	24976	28333	34802		
	Power 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	46192
	Power in Watt / Potencia en Watt(W)	2482	2803	3108	3864	4397	5153	6161	6770
	EER (BTU/Wh)	5.97	6.31	6.48	6.46	6.55	6.82	6.82	6.82
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operaci6n(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 operaci6n(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 operaci6n(A)								
	MOC(A)								
	LRA (A)								
460V/60Hz /3Ph	Running Current / Corriente de operaci6n(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 operaci6n(A)								
	MOC(A)								
	LRA(A)								
Crankcase Heater / Calentador del c6rter(W)		70							
Fitting Dimensions / Medidas de montaje(Inch)									
Discharge Tube / Tubo de descarga(OD)		1/2							
Suction Tube / Tubo de succi6n(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 / Presi6n operativa m6xima(MPa)									
High Side / M6ximo		3.2							
Low Side / M6nimo		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

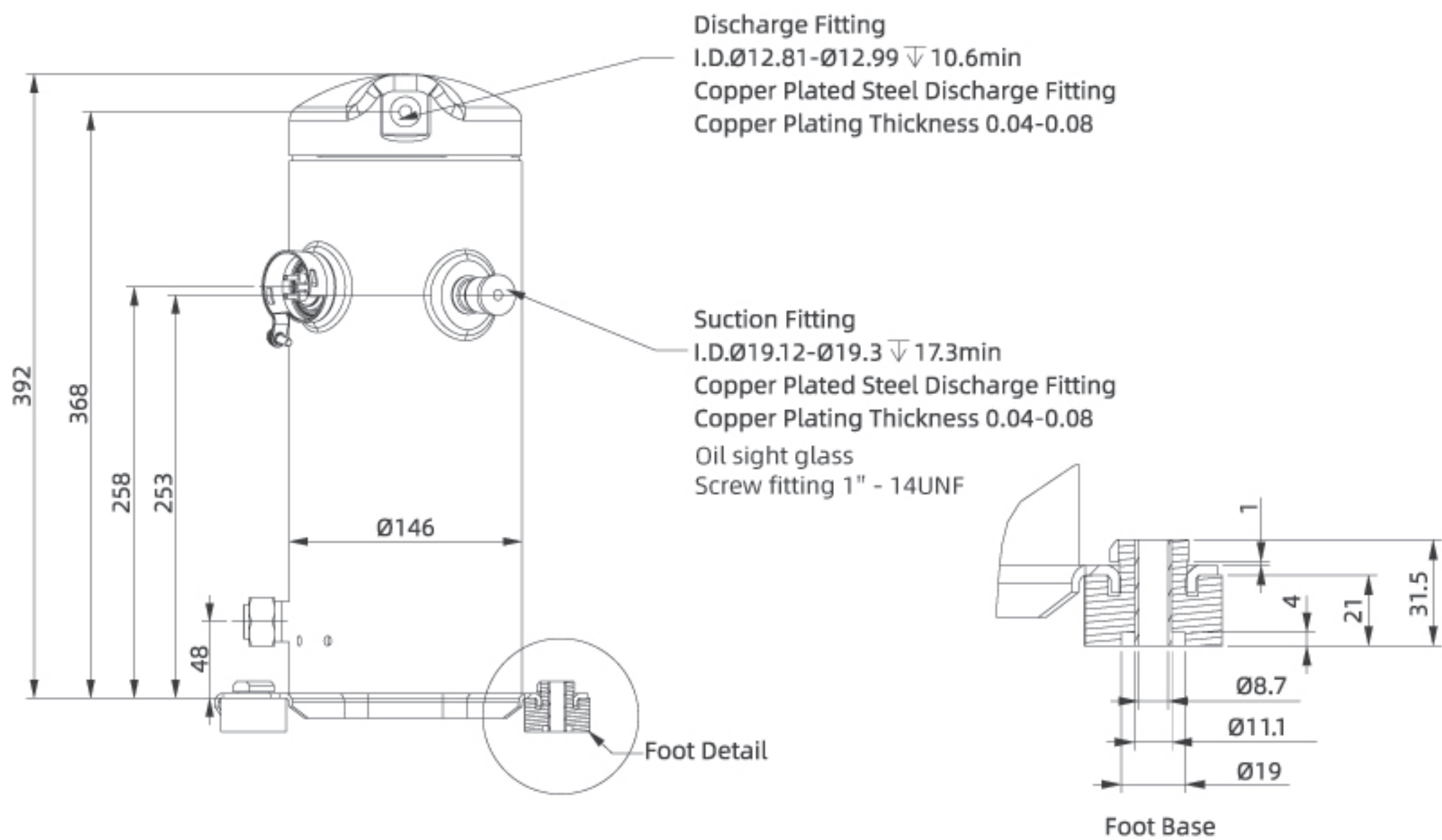
Dimensions R290 2-7HP



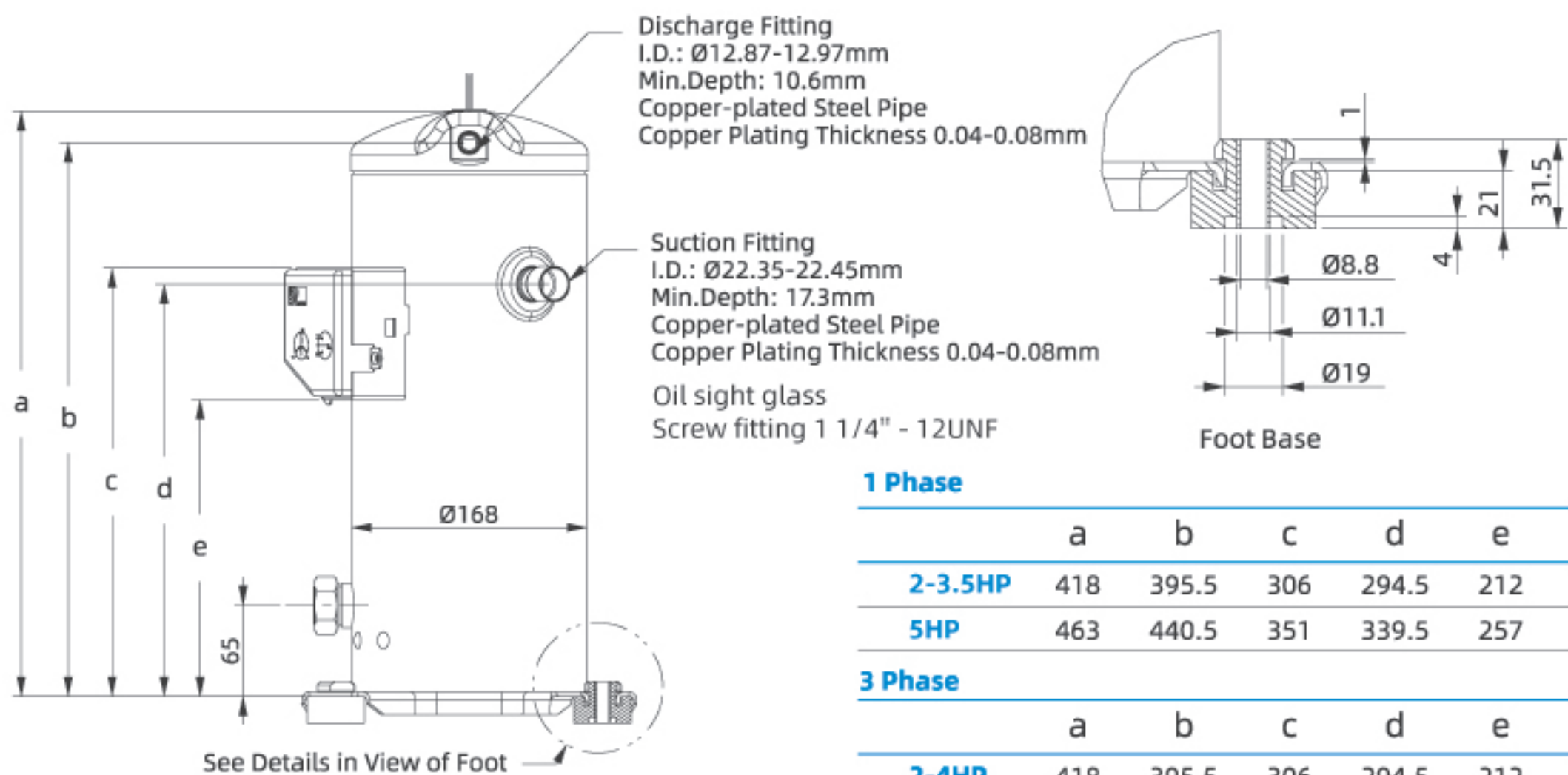
Dimensions R454C R455A 3.5-7HP



Dimensions YS07-20



Dimensions 2-7HP



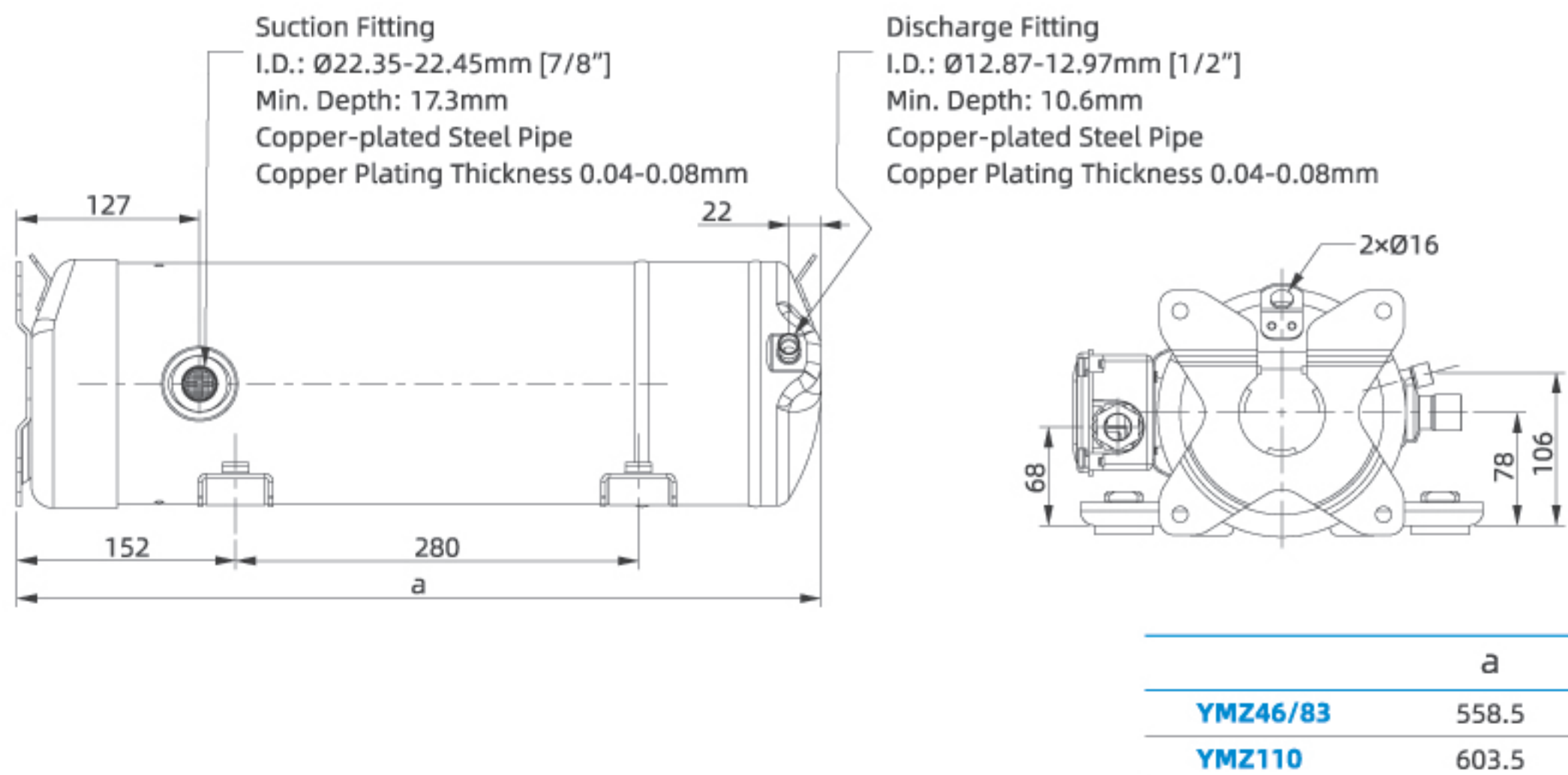
1 Phase

	a	b	c	d	e
2-3.5HP	418	395.5	306	294.5	212
5HP	463	440.5	351	339.5	257

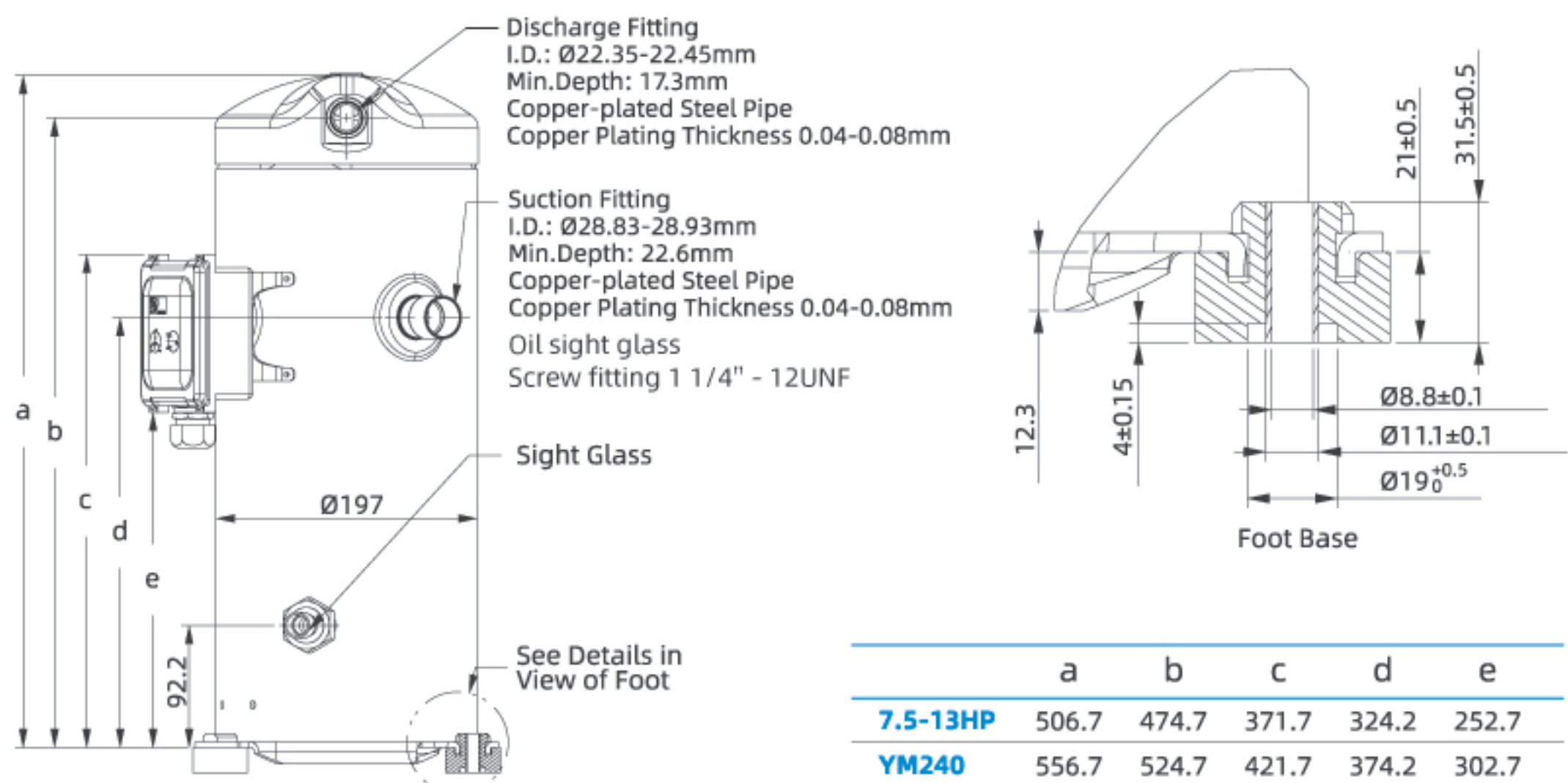
3 Phase

	a	b	c	d	e
2-4HP	418	395.5	306	294.5	212
5-7HP	463	440.5	351	339.5	257

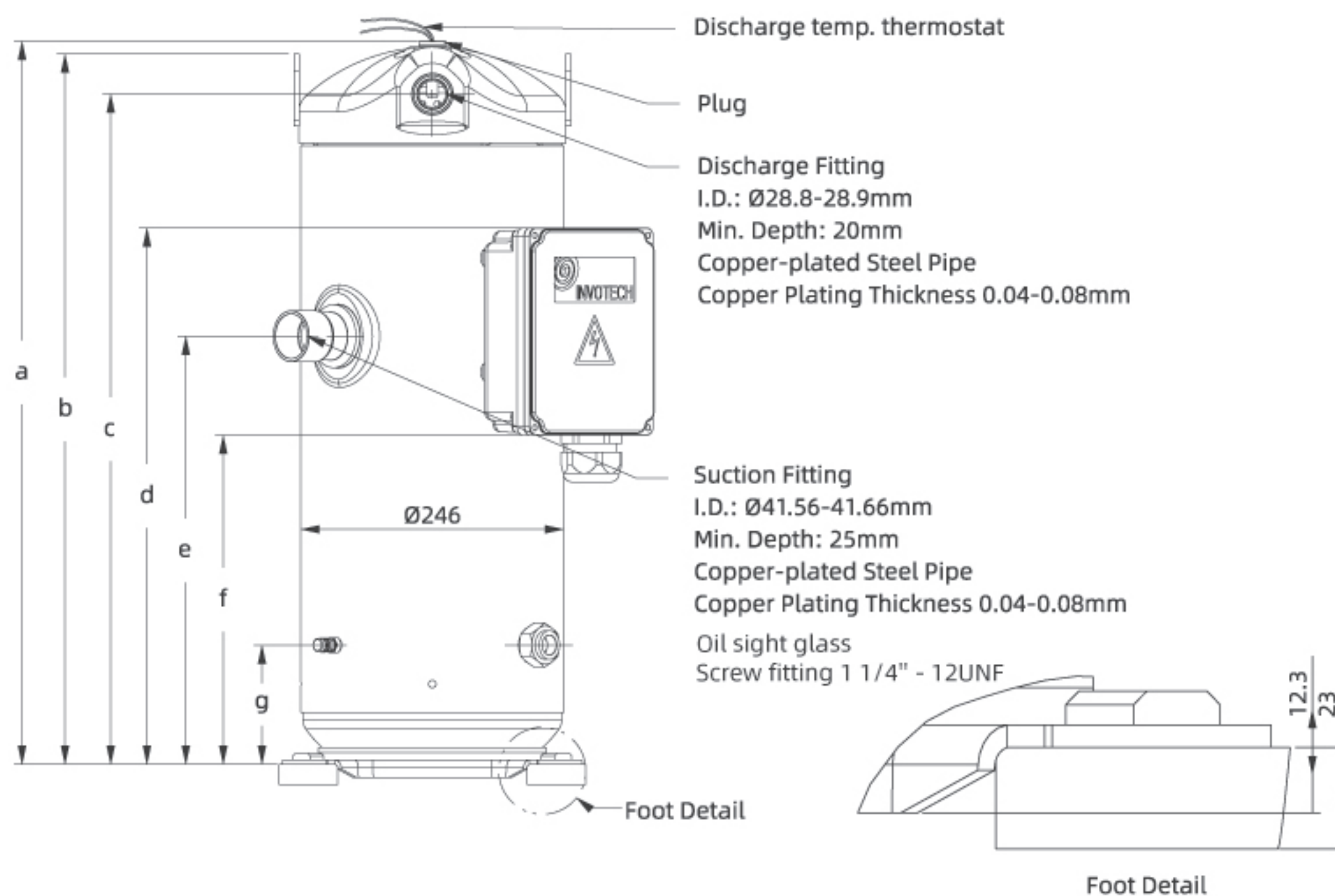
Dimensions Horizontal YMZ46-110



Dimensions 7.5-14HP



Dimensions 15-25HP

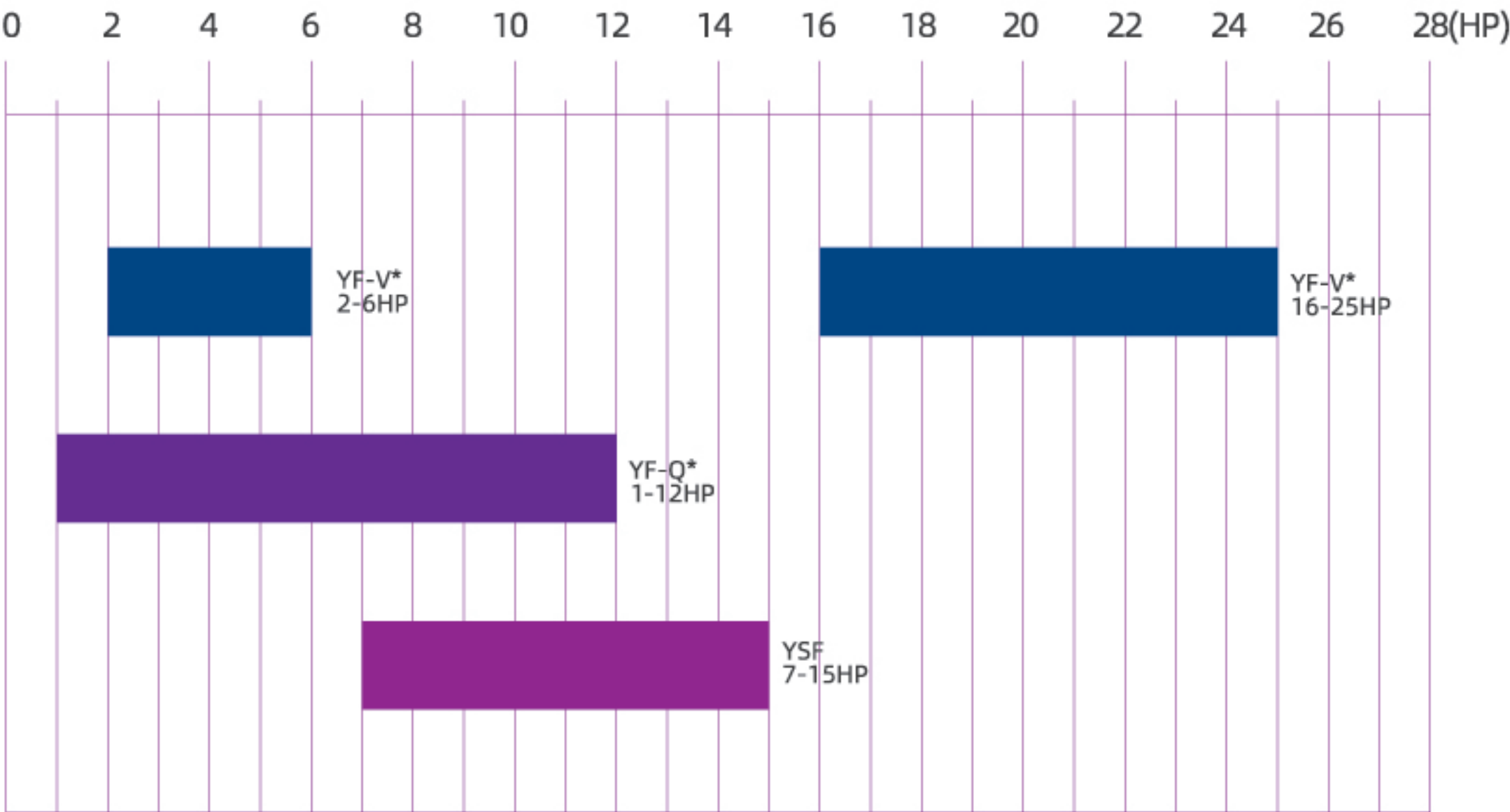


	a	b	c	d	e	f	g
YM260	611.2	604.7	567.2	442.1	340.7	248.1	83.7
16 -25HP	676.7	664.7	627.2	502.1	400.7	308.1	111.7

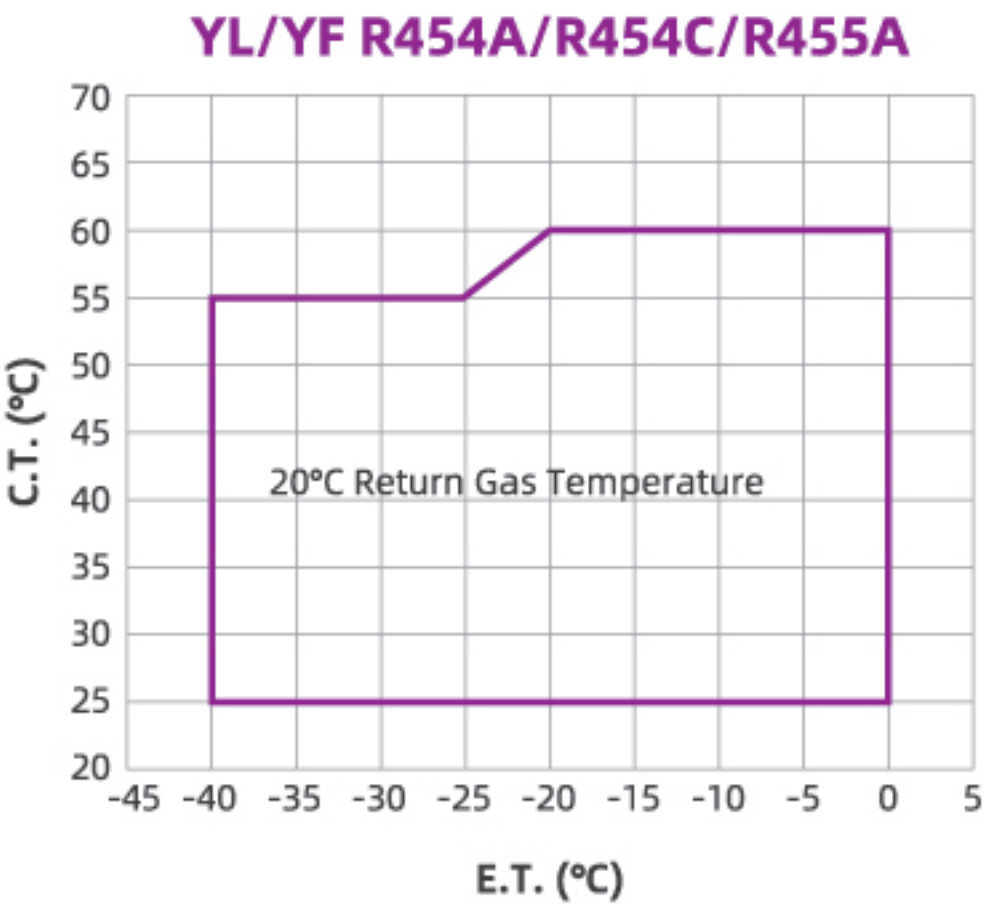
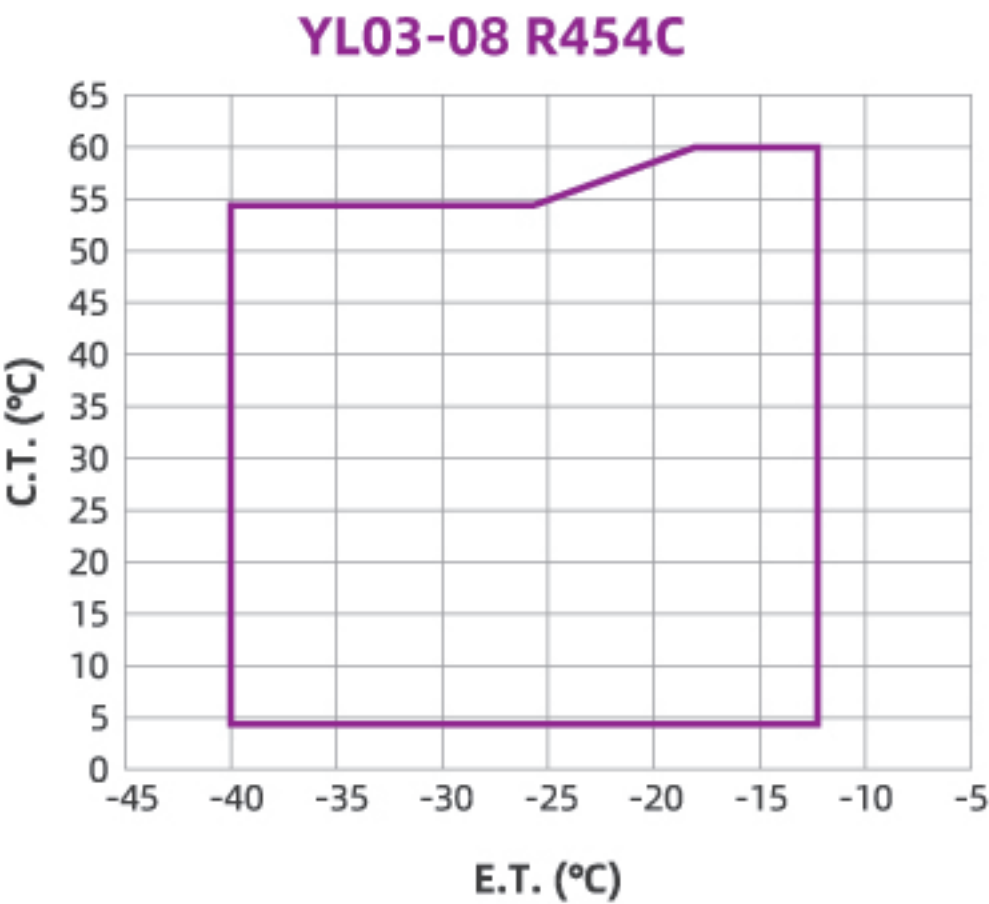
SCROLL COMPRESSORS FOR LOW TEMPERATURE REFRIGERATION



Product Line-up

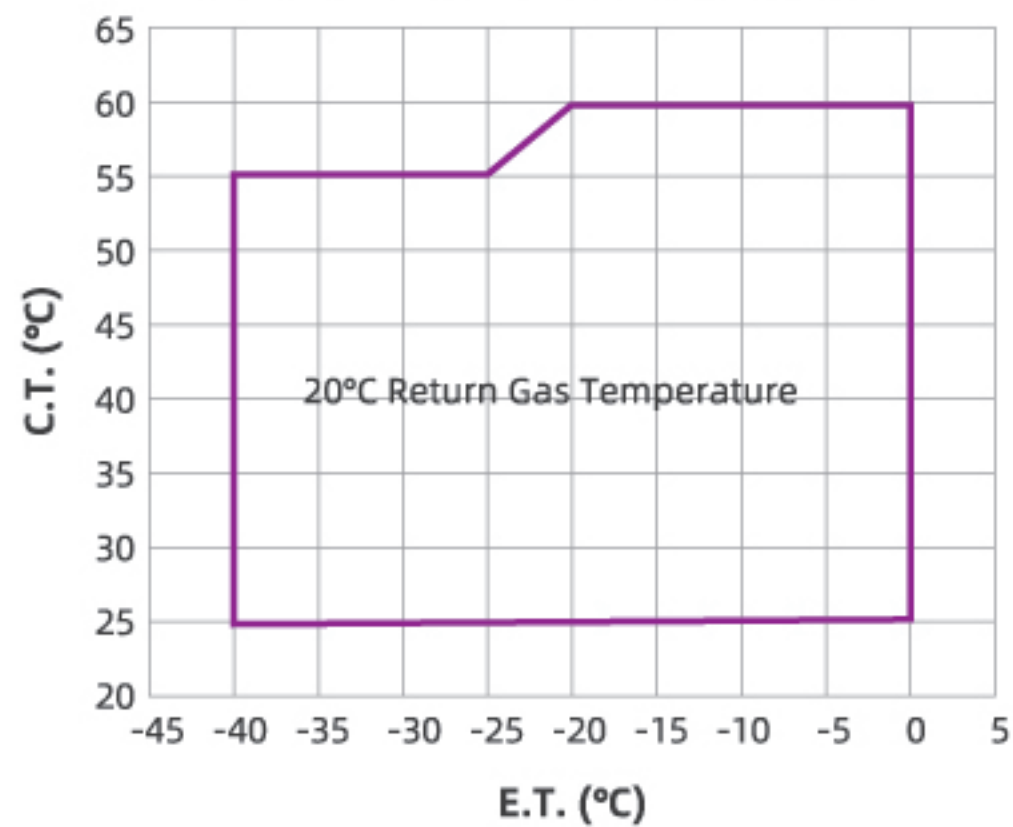


Operating Envelope

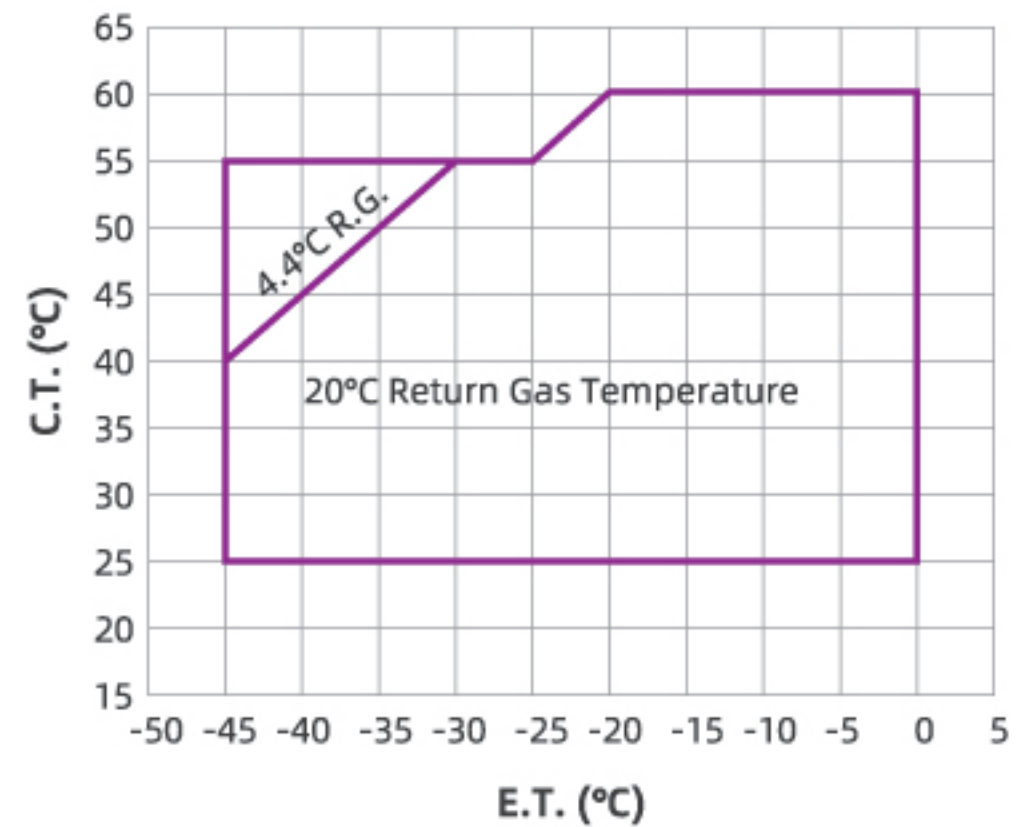


Operating Envelope

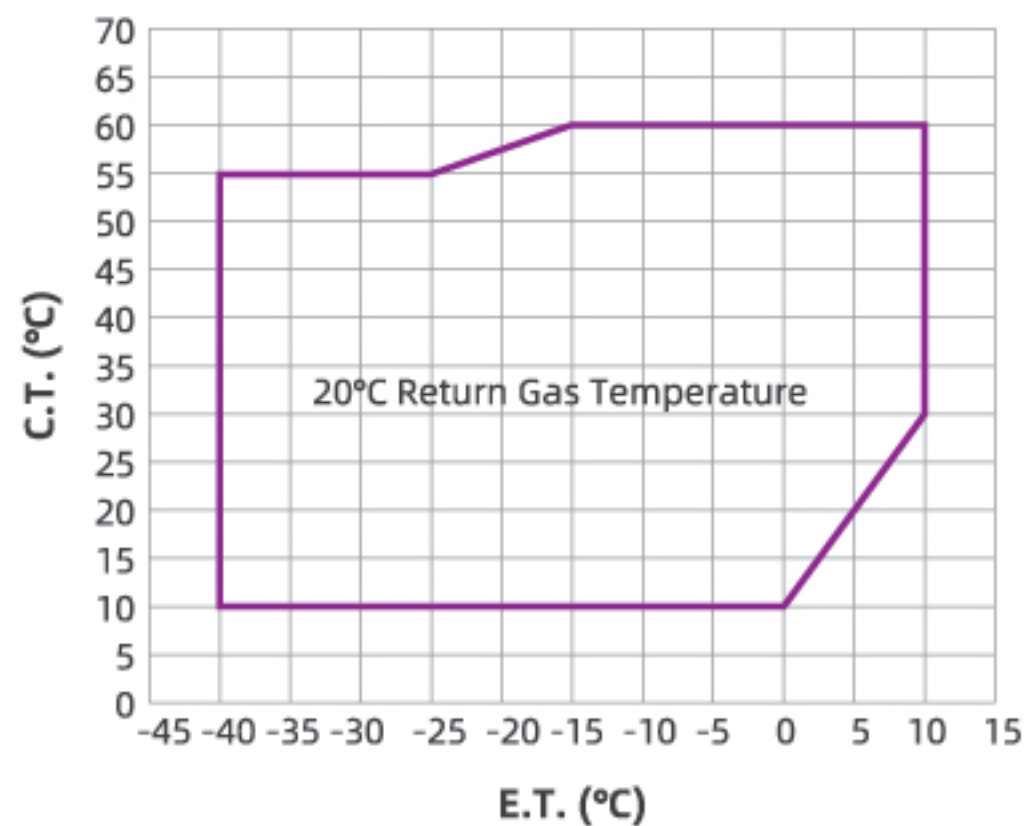
YF13-80 R404A
YF13-45 R448A R449A R452A



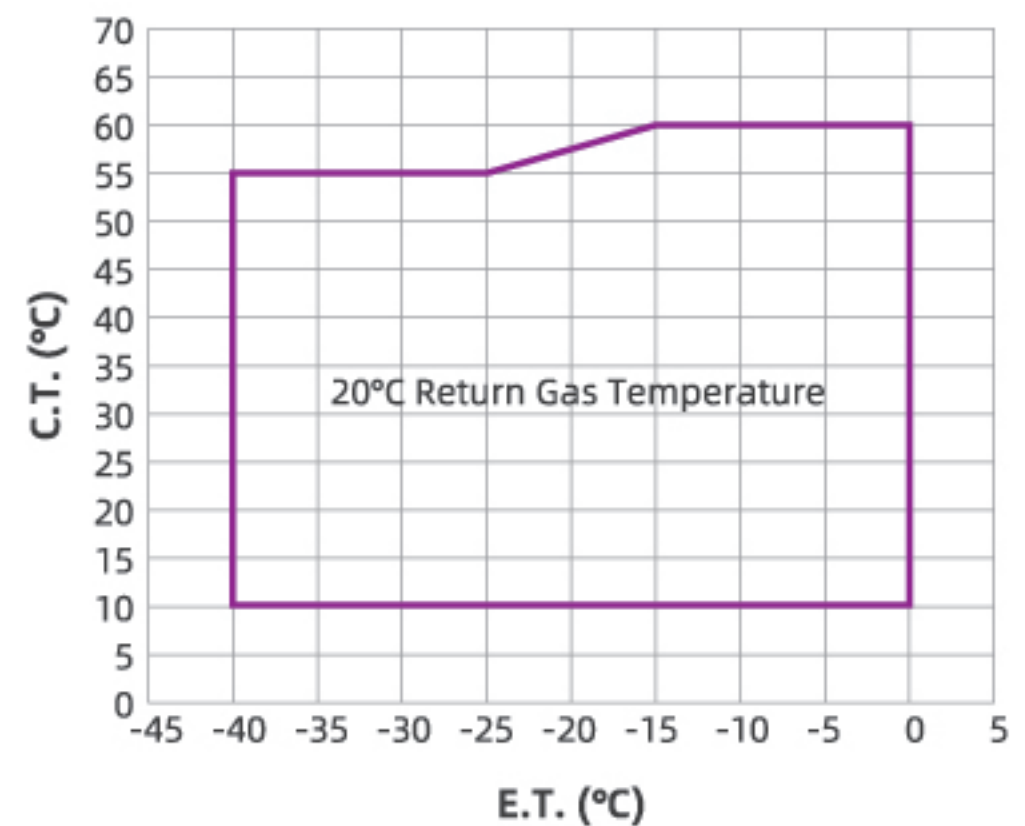
YF135-200 R404A



YSF60-YSF90 R404A



YSF100/YSF125 R404A



Specifications YL03-08 R454C

Model / Modelo		YL03U	YL04U	YL05U	YL06U	YL07U	YL08U
Power in Horse Power / Potencia en caballos de fuerza(HP)		1	1.3	1.5	2	2.5	3
Displacement / Desplazamiento(cm ³ / Rev)		3.6	4.5	5.3	7.2	8.1	9.9
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	2490	3241	3787	5186	5800	7199
	Power in Watt / Potencia en Watt(W)	800	930	1080	1400	1520	1860
	EER (BTU/Wh)	3.11	3.48	3.51	3.7	3.82	3.87
220V&380V&460V /60Hz/3Ph	Capacity / Capacidad(BTU/Hr)						
	Power in Watt / Potencia en Watt(W)						
	EER (BTU/Wh)						
Electricity / Electricidad							
220V/60Hz /1Ph	Running Current / Corriente de operaci��(A)	3.5	4.1	4.7	6.1	6.6	8.1
	LRA (A)	47.5	47.5	53.8	66	66	77
	MOC(A)	5.3	6.3	7.5	10.5	11	14
220V/60Hz /3Ph	Running Current / Corriente de operaci��(A)						
	LRA (A)						
	MOC(A)						
380V/60Hz /3Ph	Running Current / Corriente de operaci��(A)						
	LRA (A)						
	MOC(A)						
460V/60Hz /3Ph	Running Current / Corriente de operaci��(A)						
	LRA (A)						
	MOC(A)						
Crankcase Heater / Calentador del c��rter(W)		45					
Fitting Dimensions / Medidas de montaje(Inch)							
Discharge Tube / Tubo de descarga(OD)		1/2					
Suction Tube / Tubo de succi��n(OD)		3/4					
Product Dimensions / Dimensiones del producto(MM)							
Length / Largo(L)		239					
Width / Ancho(W)		239					
Height / Altura(H)	1 Phase/Fase	392					
	3 Phase/Fase						
Feet Dimension (Hole) Dimensiones en pies (agujero)		190.5��190.5(8.8)					
Oil Type / Tipo de aceite		POE					
Initial Charge Volume Carga de volumen inicial(L)		0.85					
Recharge Volume Volumen de recarga(L)		0.7					
Max Operating Pressure / Presi��n operativa m��xima(MPa)							
High Side / M��ximo		3.2					
Low Side / M��nimo		2.0					
Weight / Peso(kg)		23.7	23.7	24.7	25.6	25.6	26.3

E.T. -31.7  C, C.T. 40.6  C, R.G. 18.3  C/No Subcooling

Specifications R454C

Model / Modelo		YF13U	YF17U	YF20U	YL10U	YL11U	YL14U	YL16U	YL18U
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7
Displacement / Desplazamiento(cm³/ Rev)		33.3	42.0	46.6	58.0	67.8	83.3	98.3	108.0
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	5541	6989	7517	9424	11055	13860		
	Power in Watt / Potencia en Watt(W)	1470	1817	1861	2205	2475	2981		
	EER (BTU/Wh)	3.77	3.85	4.04	4.27	4.47	4.65		
220V&380V&460V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	5773	6885	7755	9518	11110	13928	15992	17592
	Power in Watt / Potencia en Watt(W)	1493	1651	1761	2161	2525	2923	3225	3837
	EER (BTU/Wh)	3.87	4.17	4.40	4.40	4.40	4.76	4.96	4.58
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	6.9	7.8	8.6	10.8	11.9	14.6		
	LRA (A)	76	76	76	109	109	140		
	MOC(A)	14.0	16.8	18.5	21.9	22.5	23.8		
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	6.1	6.4	6.5	8.0	9.1	10.5	11.4	15.8
	LRA (A)	88	88	88	136	136	136	167	167
	MOC(A)	8.1	10.2	11.3	13.9	16.2	18.8	20.7	24.6
380V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	LRA (A)								
	MOC(A)								
460V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	LRA (A)								
	MOC(A)								
Crankcase Heater / Calentador del cárter(W)		70							
Fitting Dimensions / Medidas de montaje(Inch)		1/2							
Discharge Tube / Tubo de descarga(OD)		7/8							
Suction Tube / Tubo de succión(OD)									
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	
Feet Dimension (Hole) Dimensiones en pies (agujero)		190.5×190.5(8.8)							
Oil Type / Tipo de aceite		POE							
Initial Charge Volume Carga de volumen inicial(L)		1.4					1.6		
Recharge Volume Volumen de recarga(L)		1.25					1.45		
Max Operating Pressure / Presión operativa máxima(MPa)									
High Side / Máximo		2.5							
Low Side / Mínimo		1.9							
Weight / Peso(kg)		29	30	31	31	31	31	33	38

E.T. -31.6°C, C.T. 40.6°C, R.G. 4.4°C,

No sub-cooling at the inlet of economizer / NO - Sobre enfriamiento en la entrada del economizador.

Specifications R455A

Model / Modelo		YF13U	YF17U	YF20U	YL10U	YL11U	YL14U	YL16U	YL18U
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7
Displacement / Desplazamiento(cm³/ Rev)		33.3	42.0	46.6	58.0	67.8	83.3	98.3	108.0
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	6012	7583	8156	10225	11995	15038		
	Power in Watt / Potencia en Watt(W)	1568	1939	1986	2353	2641	3181		
	EER (BTU/Wh)	3.83	3.91	4.11	4.35	4.54	4.73		
220V&380V&460V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	6264	7470	8415	10327	12055	15112	17351	19088
	Power in Watt / Potencia en Watt(W)	1593	1761	1879	2306	2694	3119	3441	4094
	EER (BTU/Wh)	3.93	4.24	4.48	4.48	4.47	4.85	5.04	4.66
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	7.4	8.3	9.2	11.5	12.7	15.6		
	LRA (A)	76	76	76	109	109	140		
	MOC(A)	14.9	17.9	19.7	23.4	24.0	25.4		
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	6.5	6.8	6.9	8.5	9.7	11.2	12.2	16.9
	LRA (A)	88	88	88	136	136	136	167	167
	MOC(A)	8.6	10.9	12.1	14.8	17.3	20	22.1	26.3
380V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	LRA (A)								
	MOC(A)								
460V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	LRA (A)								
	MOC(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	
Feet Dimension (Hole) Dimensiones en pies (agujero)		190.5×190.5(8.8)							
Oil Type / Tipo de aceite		POE							
Initial Charge Volume Carga de volumen inicial(L)		1.4					1.6		
Recharge Volume Volumen de recarga(L)		1.25					1.45		
Max Operating Pressure / Presión operativa máxima(MPa)									
High Side / Máximo		2.5							
Low Side / Mínimo		1.9							
Weight / Peso(kg)		29	30	31	31	31	31	33	38

E.T. -31.6°C, C.T. 40.6°C, R.G. 4.4°C,

No sub-cooling at the inlet of economizer / NO - Sobre enfriamiento en la entrada del economizador.

Specifications R404A

Model / Modelo		YF13E	YF17E	YF20E	YF25E	YF29E	YF35E	YF41E	YF45E	YF56E	YF65E
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7	8	9
Displacement / Desplazamiento(cm³/ Rev)		33.3	42.0	46.6	58.0	67.8	83.3	98.3	108.0	123.0	145.4
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	5674	7238	8511	11038	12876	16828				
	Power in Watt / Potencia en Watt(W)	1514	1919	2239	2788	3083	3719				
	EER (BTU/Wh)	3.75	3.79	3.79	3.96	4.24	4.52				
220V&380V&460V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	5770	7367	8653	11038	13092	15467	18193	20819	22771	27648
	Power in Watt / Potencia en Watt(W)	1496	1896	2206	2789	3044	3660	4063	4445	5472	6232
	EER (BTU/Wh)	3.86	3.89	3.92	3.96	4.30	4.23	4.48	4.68	4.16	4.44
Electricity / Electricidad											
220V/60Hz /1Ph	Running Current / Corriente de operaci3(A)	7.4	9.2	10.9	16.8	15.0	18.8				
	LRA (A)	76	76	76	109	109	140				
	MOC(A)	16.1	17.0	19.4	24.0	28.0	31.4				
220V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	6.9	7.5	9.5	10.3	11.0	13.7	14.6		18.7	20.1
	LRA (A)	88	88	88	136	136	136	167		241	241
	MOC(A)	9.3	11.1	12.1	15.7	18.4	21.5	25.2		37.4	42.0
380V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	4.0	4.4	5.5	5.9	6.4	7.9	8.5		10.8	11.6
	LRA (A)	51	51	51	69	69	69	69		135	135
	MOC(A)	5.4	6.4	7.0	9.1	10.6	12.5	14.6		21.6	24.1
460V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	2.5	2.9	4.5	5.5	5.3	6.6	7.0	7.3	9.7	10.5
	LRA (A)	22	22	45	60	60	60	60	85	85	117
	MOC(A)	3.8	4.4	5.8	7.5	8.8	10.3	12.1	13.2	18	20.1
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								272	
Width / Ancho(W)		239								248	
Height / Altura(H)	1 Phase/Fase	418					463				
	3 Phase/Fase	418					463			507	
Feet Dimension (Hole) Dimensiones en pies (agujero)		190.5×190.5(8.8)									
Oil Type / Tipo de aceite		POE									
Initial Charge Volume Carga de volumen inicial(L)		1.4					1.6			2.7	
Recharge Volume Volumen de recarga(L)		1.25					1.45			2.55	
Max Operating Pressure / Presi3n operativa m3xima(MPa)											
High Side / M3ximo		3.2									
Low Side / M3nimo		2.0									
Weight / Peso(kg)		29	30	31	31	31	32	33	38	53	53

E.T. -31.6°C, C.T. 40.6°C, R.G. 4.4°C,

No sub-cooling at the inlet of economizer / NO - Sobre enfriamiento en la entrada del economizador.

Specifications R404A

Model / Modelo		YF72E	YF80E	YF135E	YF170E	YF200E
Power in Horse Power / Potencia en caballos de fuerza(HP)		10	12	16	22	25
Displacement / Desplazamiento(cm³/ Rev)		167.2	189.1	265.5	332.8	392.0
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)					
	Power in Watt / Potencia en Watt(W)					
	EER (BTU/Wh)					
220V&380V&460V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	31212	35454	73699	87743	103351
	Power in Watt / Potencia en Watt(W)	7045	7937	12960	14771	17399
	EER (BTU/Wh)	4.43	4.47	5.69	5.94	5.94
Electricity / Electricidad						
220V/60Hz /1Ph	Running Current / Corriente de operaci3(A)					
	LRA (A)					
	MOC(A)					
220V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	22.9	25.8			
	LRA (A)	241	290			
	MOC(A)	47.0	53.2			
380V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	13.2	14.9			
	LRA (A)	135	163			
	MOC(A)	27.2	30.7			
460V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	11.0	12.4	17.9	22.4	26.4
	LRA (A)	117	121	216	266	266
	MOC(A)	22.7	25.6	40.2	47.4	57.0
Crankcase Heater / Calentador del c3rter(W)		90		120		
Fitting Dimensions / Medidas de montaje(Inch)						
Discharge Tube / Tubo de descarga(OD)		7/8		1 1/8		
Suction Tube / Tubo de succi3n(OD)		1 1/8		1 5/8		
Product Dimensions / Dimensiones del producto(MM)						
Length / Largo(L)		272		359.8		
Width / Ancho(W)		248		326.2		
Height / Altura(H)		507		671.2		
Feet Dimension (Hole) Dimensiones en pies (agujero)		190.5×190.5(8.8)		232×232(8.8)		
Oil Type / Tipo de aceite		POE				
Initial Charge Volume Carga de volumen inicial(L)		3		6		
Recharge Volume Volumen de recarga(L)		2.85		5.8		
Max Operating Pressure / Presi3n operativa m3xima(MPa)						
High Side / M3ximo		3.2		2.9		
Low Side / M3nimo		2.0		0.6		
Weight / Peso(kg)		54	54	104	106	106

E.T. -31.6°C, C.T. 40.6°C, R.G. 4.4°C,

No sub-cooling at the inlet of economizer / NO - Sobre enfriamiento en la entrada del economizador.

Specifications Semi-hermetic R404A

Model / Modelo		YSF60E	YSF65E	YSF75E	YSF85E	YSF90E	YSF100E	YSF125E
Power in Horse Power / Potencia en caballos de fuerza(HP)		7	8	9	10	12	13	15
Displacement / Desplazamiento(cm ³ / Rev)		115.5	123.0	145.4	167.2	189.1	197.1	243.8
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)							
	Power in Watt / Potencia en Watt(W)							
	EER (BTU/Wh)							
220V&380V& 460V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	28764	30637	36232	41668	47121	49119	55274
	Power in Watt / Potencia en Watt(W)	5286	5639	6582	7570	8455	8814	11408
	EER (BTU/Wh)	5.44	5.43	5.5	5.5	5.57	5.57	4.85
Electricity / Electricidad								
220V/60Hz /1Ph	Running Current / Corriente de operaci3(A)							
	LRA (A)							
	MOC(A)							
220V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	19.9	20.9	22.6	24.9	27.0	27.8	
	LRA (A)	241	241	241	241	241	241	
	MOC(A)	37.4	39.9	46.6	53.7	60.2	56.4	
380V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	11.5	12.1	13.1	14.4	15.6	16.1	
	LRA (A)	135	135	135	135	135	135	
	MOC(A)	21.7	23.1	27.0	31.1	34.8	32.7	
460V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	9.5	10.0	10.8	11.9	12.9	13.3	18.0
	LRA (A)	117	117	117	117	117	117	148.5
	MOC(A)	17.9	19.1	22.3	25.7	28.8	27.0	33.4
Crankcase Heater / Calentador del c3rter(W)		75						
Fitting Dimensions / Medidas de montaje(Inch)								
Discharge Tube / Tubo de descarga(OD)		7/8						
Suction Tube / Tubo de succi3n(OD)		1 1/8						1 3/8
Product Dimensions / Dimensiones del producto(MM)								
Length / Largo(L)		488						
Width / Ancho(W)		361						
Height / Altura(H)		574						581
Feet Dimension (Hole) Dimensiones en pies (agujero)		190.5x190.5(10.2)						
Oil Type / Tipo de aceite		POE						
Initial Charge Volume Carga de volumen inicial(L)		3.4						
Recharge Volume Volumen de recarga(L)		3.25						
Max Operating Pressure / Presi3n operativa m3xima(MPa)								
High Side / M3ximo		3.2						
Low Side / M3nimo		2.0						
Weight / Peso(kg)		90	90	91	91	91	91	92

E.T. -31.6°C, C.T. 40.6°C, R.G. 4.4°C,

No sub-cooling at the inlet of economizer / NO - Sobre enfriamiento en la entrada del economizador.

Specifications R448A R449A

Model / Modelo		YF13E	YF17E	YF20E	YF25E	YF29E	YF35E	YF41E	YF45E
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7
Displacement / Desplazamiento(cm³/ Rev)		33.3	42.0	46.6	58.0	67.8	83.3	98.3	108.0
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	5386	6877	8075	10471	11939	14164		
	Power in Watt / Potencia en Watt(W)	1453	1863	2174	2708	2873	3360		
	EER (BTU/Wh)	3.71	3.69	3.71	3.87	4.16	4.22		
220V&380V&460V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	5372	6860	8055	10444	11939	14164	16590	18348
	Power in Watt / Potencia en Watt(W)	1464	1855	2158	2751	2900	3330	3871	4170
	EER (BTU/Wh)	3.67	3.7	3.73	3.8	4.12	4.25	4.29	4.4
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operació(A)	6.7	8.6	10.1	12.6	13.3	15.6		
	LRA (A)	76	76	76	109	109	140		
	MOC(A)	13.0	16.7	19.4	24.2	28.6	33.5		
220V/60Hz /3Ph	Running Current / Corriente de operació(A)	4.3	5.5	6.4	8.0	8.5	9.9	12.2	13.3
	LRA (A)	88	88	88	136	136	136	167	167
	MOC(A)	8.3	10.6	12.3	15.4	18.2	21.3	22.5	24.0
380V/60Hz /3Ph	Running Current / Corriente de operació(A)								
	LRA (A)								
	MOC(A)								
460V/60Hz /3Ph	Running Current / Corriente de operació(A)	2.6	3.4	3.9	4.6	5.2	5.8	6.4	7.0
	LRA (A)	22	22	45	60	60	60	65	65
	MOC(A)	4.4	5.6	6.5	8.3	9.2	10.6	11.8	12.6
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		
Feet Dimension (Hole) Dimensiones en pies (agujero)		190.5×190.5(8.8)							
Oil Type / Tipo de aceite		POE							
Initial Charge Volume Carga de volumen inicial(L)		1.4					1.6		
Recharge Volume Volumen de recarga(L)		1.25					1.45		
Max Operating Pressure / Presión operativa máxima(MPa)									
High Side / Máximo		3.2							
Low Side / Mínimo		2.0							
Weight / Peso(kg)		29	30	31	31	32	31	33	38

E.T. -31.6°C, C.T. 40.6°C, R.G. 4.4°C,

No sub-cooling at the inlet of economizer / NO - Sobre enfriamiento en la entrada del economizador.

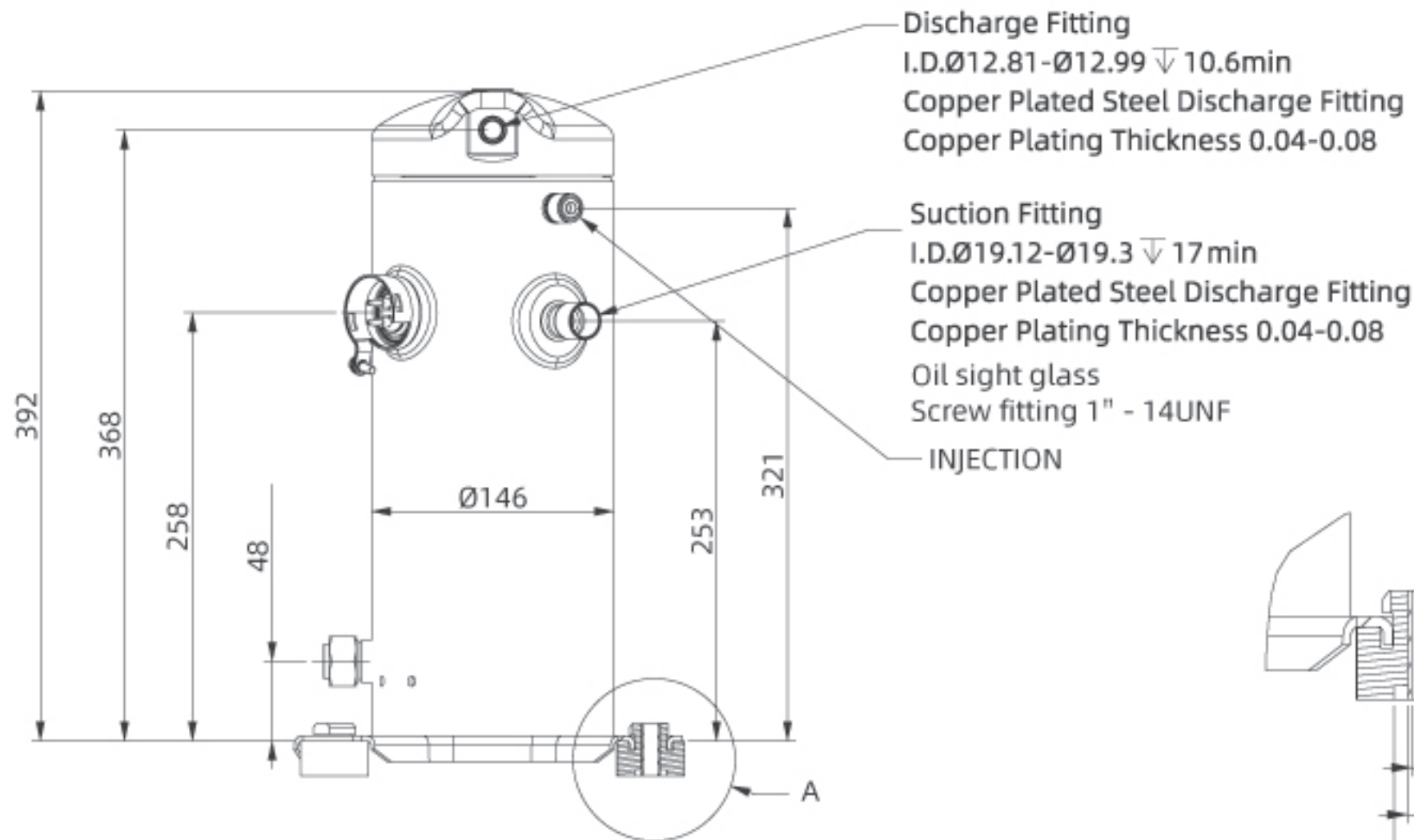
Specifications R452A

Model / Modelo		YF13E	YF17E	YF20E	YF25E	YF29E	YF35E	YF41E	YF45E
Power in Horse Power / Potencia en caballos de fuerza(HP)		2	2.5	3	3.5	4	5	6	7
Displacement / Desplazamiento(cm³/ Rev)		33.3	42.0	46.6	58.0	67.8	83.3	98.3	108.0
220V/60Hz /1Ph	Capacity / Capacidad(BTU/Hr)	5676	7239	8512	11038	12881	16833		
	Power in Watt / Potencia en Watt(W)	1514	1919	2239	2788	3083	3719		
	EER (BTU/Wh)	3.75	3.77	3.8	3.96	4.18	4.53		
220V&380V&460V 60Hz/3Ph	Capacity / Capacidad(BTU/Hr)	5771	7369	8655	11038	13096	15536	18198	20819
	Power in Watt / Potencia en Watt(W)	1496	1896	2206	2788	3044	3496	4063	4445
	EER (BTU/Wh)	3.86	3.89	3.92	3.96	4.3	4.44	4.48	4.68
Electricity / Electricidad									
220V/60Hz /1Ph	Running Current / Corriente de operaci3(A)	7.4	9.2	10.9	16.8	15.0	18.8		
	LRA (A)	76	76	76	109	109	140		
	MOC(A)	16.1	17.0	19.4	24.0	27.9	31.4		
220V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	6.9	7.5	9.5	10.3	11.0	13.7	14.6	16.0
	LRA (A)	88	88	88	136	136	136	167	167
	MOC(A)	9.25	11.09	12.11	15.73	18.35	21.51	25.24	27.5
380V/60Hz /3Ph	Running Current / Corriente de operaci3(A)								
	LRA (A)								
	MOC(A)								
460V/60Hz /3Ph	Running Current / Corriente de operaci3(A)	2.5	2.9	4.5	5.0	5.3	6.6	7.0	7.3
	LRA (A)	22	22	45	60	60	60	65	65
	MOC(A)	3.8	4.4	5.8	7.5	8.8	10.3	12.1	13.2
Crankcase Heater / Calentador del c3rter(W)		70							
Fitting Dimensions / Medidas de montaje(Inch)									
Discharge Tube / Tubo de descarga(OD)		1/2							
Suction Tube / Tubo de succi3n(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		
Feet Dimension (Hole) Dimensiones en pies (agujero)		190.5x190.5(8.8)							
Oil Type / Tipo de aceite		POE							
Initial Charge Volume Carga de volumen inicial(L)		1.4					1.6		
Recharge Volume Volumen de recarga(L)		1.25					1.45		
Max Operating Pressure / Presi3n operativa m3xima(MPa)									
High Side / M3ximo		3.2							
Low Side / M3nimo		2.0							
Weight / Peso(kg)		29	30	31	31	32	31	33	38

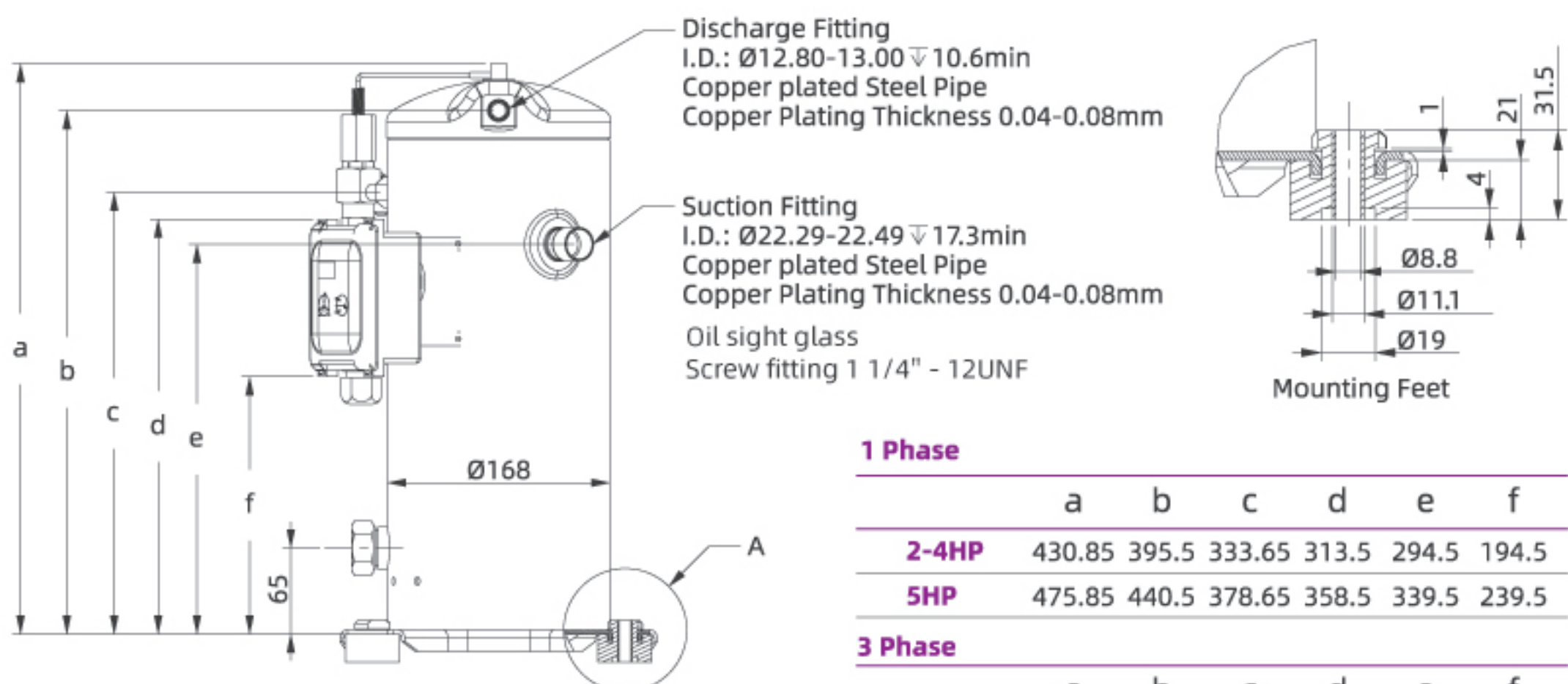
E.T. -31.6°C, C.T. 40.6°C, R.G. 4.4°C,

No sub-cooling at the inlet of economizer / NO - Sobre enfriamiento en la entrada del economizador.

Dimensions R454C YL03-08



Dimensions Liquid Injection R454C R455A 2-7HP



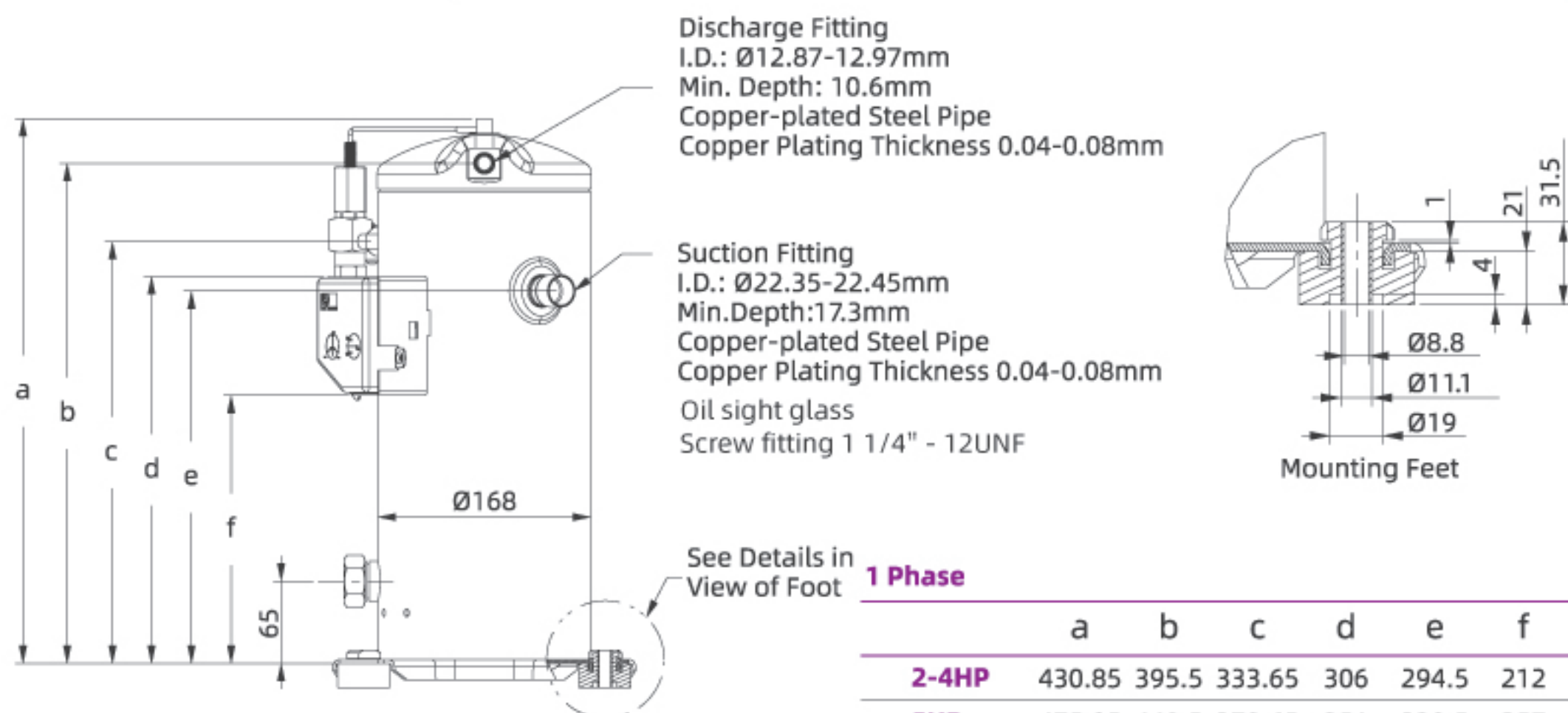
1 Phase

	a	b	c	d	e	f
2-4HP	430.85	395.5	333.65	313.5	294.5	194.5
5HP	475.85	440.5	378.65	358.5	339.5	239.5

3 Phase

	a	b	c	d	e	f
2-5HP	430.85	395.5	333.65	313.5	294.5	194.5
6-7HP	475.85	440.5	378.65	358.5	339.5	239.5

Dimensions Liquid Injection 2-7HP



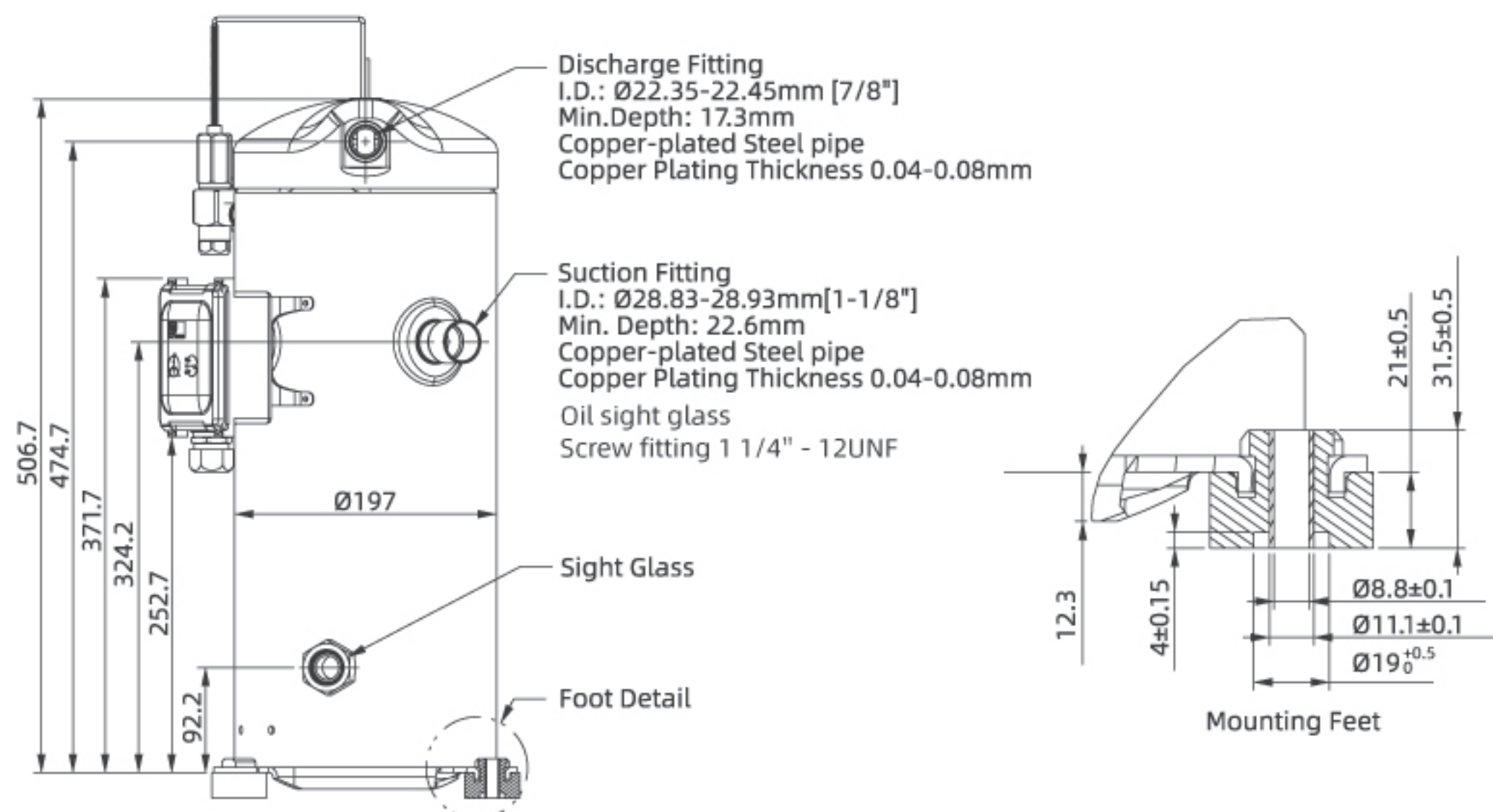
1 Phase

	a	b	c	d	e	f
2-4HP	430.85	395.5	333.65	306	294.5	212
5HP	475.85	440.5	378.65	351	339.5	257

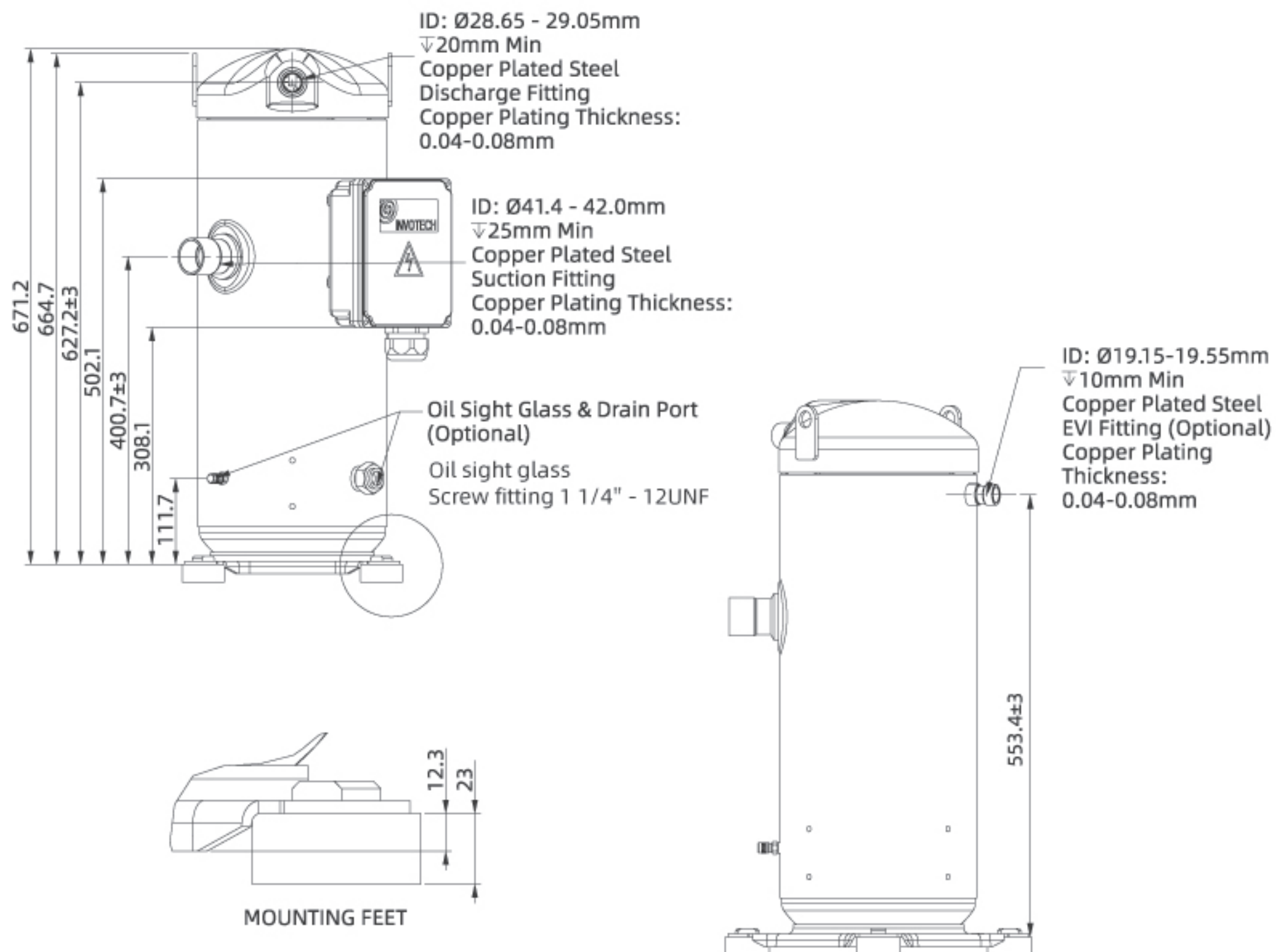
3 Phase

	a	b	c	d	e	f
2-4HP	430.85	395.5	333.65	306	294.5	212
5-7HP	475.85	440.5	378.65	351	339.5	257

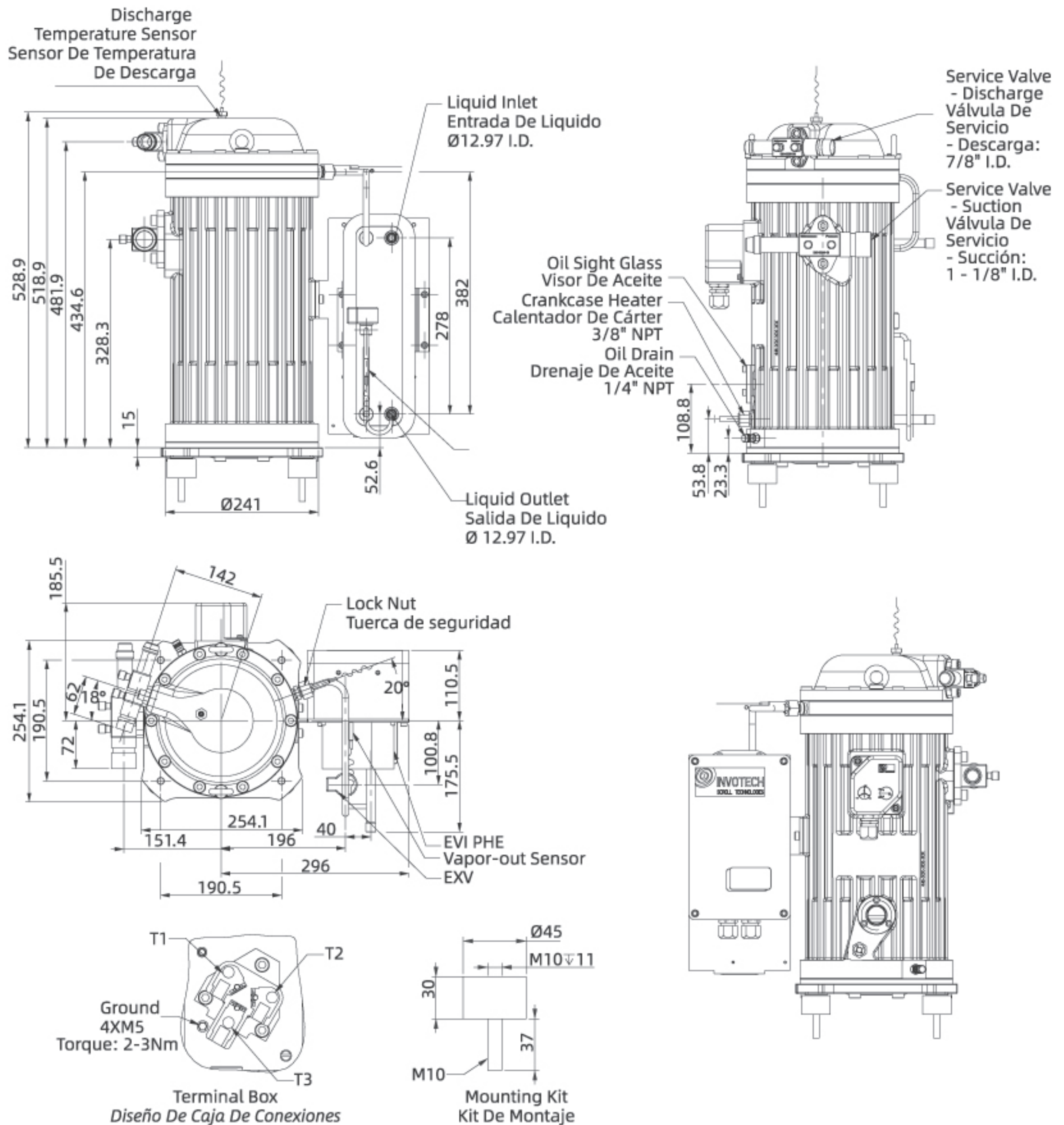
Dimensions Liquid Injection 8-12HP



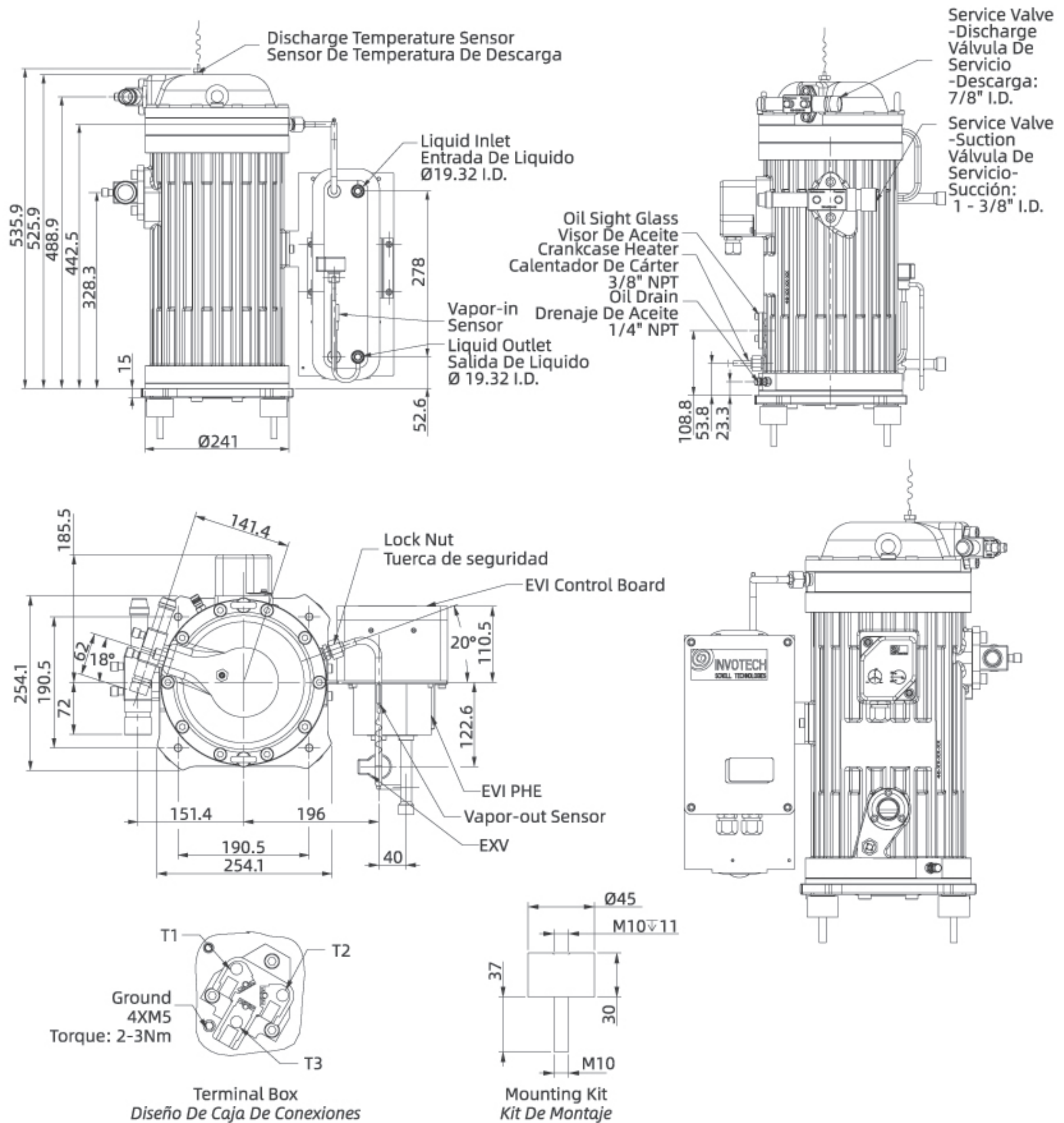
Dimensions Vapor Injection 16-25HP



Dimensions Vapor Injection YSF60-100



Dimensions Vapor Injection YSF125





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