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Scroll Compressors for A/C & Chiller

A/C & Chiller için Scroll Kompresörler

Specifications 410A

Model	YH95C2-100	YH104C2-100	YH119C2-100	YH128C2-100	YH150C2-100	YH95C1-100	YH104C1-100	YH119C1-100	YH128C1-100
Electricity	220V/ 1~/50Hz					380V-420V/3~/50Hz			
Power in Horse	3.5	3.7	4	4.3	5	3.5	3.7	4	4.3
Displacement	38.5	41.4	46	49.4	59.2	38.5	41.4	46	49.4
Cooling Capacity	9583	10700	11900	12800	15000	9500	10700	11900	12800
Power in Watt	3110	3543	3967	4267	4854	3170	3543	3888	4183
COP (W/W)	3.08	3.02	3	3	3.09	3	3.02	3.06	3.06
Running Current	14.4	17.1	19	20.4	8.6	5.8	6.7	7.4	7.4
LRA (A)	76	109	140	140	140	45	60	60	60
MOC (A)	20	22.7	28.4	30.6	35.8	7.5	9	9.9	10.6
Crankcase Heater (W)	70	70	70	70	70	70	70	70	70
Fitting Dimensions	Disc.Tube	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97
	Suction Tube	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45
Product Dim.	L*W*H	239*239*418	239*239*418	239*239*463	239*239*463	239*239*463	239*239*418	239*239*418	239*239*418
Oil Type	POE	POE	POE	POE	POE	POE	POE	POE	POE
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Recharge Volume	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Max Pressure	High.Side	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	Low Side	2	2	2	2	2	2	2	2
Weight (kg)	33	33	37	37	37	30	31	31	31
Adaptor	Discharge	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm
	Suction	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm
Rotalock Valve	Discharge	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8
Connection Type	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.
Sight Glass	-	-	-	-	-	-	-	-	-

Nominal Working Conditions: E.T: 7.2 °C, C.T: 54.4 °C, Suction Superheat 11.1K, Subcooling 8.3K



Specifications 410A

Model	YH150C1-100	YH175C1-100	YH183C1-100	YH200C1-100	YH230C1G-100	YH266C1G-100	YH292C1G-100	YH325C1G-100	YH355C1G-100
Electricity	380V-420V/3~/50Hz								
Power in Horse	5	6	6.5	7	8	9	10	11	12
Displacement	59.2	66.1	71.3	74.7	90.8	100	107.5	123	131.6
Cooling Capacity	15000	17300	18300	19600	23000	26600	29200	32500	34800
Power in Watt	4854	5545	5810	6200	7210	8340	9070	10100	10800
COP (W/W)	3.09	3.12	3.15	3.16	3.19	3.19	3.22	3.22	3.22
Running Current	8.6	9.7	10.4	11.6	13.4	14.8	15.8	17.7	18.2
LRA (A)	60	65	65	85	117	117	121	121	121
MOC (A)	13	13.5	14	17.1	18.3	21.1	23.6	25	26.8
Crankcase Heater (W)	70	70	70	70	70	70	70	70	70
Fitting Dimensions	Disc.Tube	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45
	Suction Tube	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	28.83-28.83	28.83-28.83	28.83-28.83	28.83-28.83
Product Dim.	L*W*H	239*239*418	239*239*463	239*239*463	239*239*463	260*244*506.7	260*244*506.7	260*244*506.7	260*244*506.7
Oil Type	POE	POE	POE	POE	POE	POE	POE	POE	POE
Initial Charge Volume	1.4	1.6	1.6	1.6	2.7	2.7	3	3	3
Recharge Volume	1.25	1.45	1.45	1.45	2.55	2.55	2.85	2.85	2.85
Max Pressure	High.Side	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
	Low Side	2	2	2	2	2	2	2	2
Weight (kg)	31	33	33	38	53	53	54	54	54
Adaptor	Discharge	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm
	Suction	1 1/4"x22mm	1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x28mm	1 1/4"x28mm	1 1/4"x28mm	1 1/4"x28mm
Rotalock Valve	Discharge	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-1 1/8X	RV.45B-1 1/8X	RV.45B-1 1/8X	RV.45B-1 1/8X
Connection Type	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.
Sight Glass	-	-	-	-	✓	✓	✓	✓	✓

Nominal Working Conditions: E.T: 7.2 °C, C.T: 54.4 °C, Suction Superheat 11.1K, Subcooling 8.3K



Scroll Compressors for A/C & Chiller

A/C & Chiller için Scroll Kompresörler

Click the product code for details.
Detaylar için ürün koduna tıklayın.



Specifications 410A

Model	YH400C1G-100	YH450C1G-100	YH610C1G-100	YH720C1G-100	YH880C1G-100	
Electricity	380V-420V/3~/50Hz					
Power in Horse	13	15	20	25	30	
Displacement	142.6	167.2	235.6	269	332.8	
Cooling Capacity	39250	45044	61900	71200	88000	
Power in Watt	12258	13759	18620	21254	26800	
COP (W/W)	3.2	3.27	3.32	3.35	3.3	
Running Current	21.5	24.1	33.6	38.5	50	
LRA (A)	148.5	148.5	266	300	348	
MOC (A)	32.5	36	45	53	66	
Crankcase Heater (W)	90	90	120	120	120	
Fitting Dimensions	Disc.Tube	22.35-22.45	22.35-22.45	28.80-28.90	28.80-28.90	28.80-28.90
	Suction Tube	28.83-28.83	28.83-28.83	41.56-41.66	41.56-41.66	41.56-41.66
Product Dim.	L*W*H	260*244*556.5	260*244*556.5	360*326.2*671	360*326.2*671	360*326.2*671
Oil Type	POE	POE	POE	POE	POE	
Initial Charge Volume	3.7	3.7	5.5	5.5	5.5	
Recharge Volume	3.5	3.5	5.3	5.3	5.3	
Max Pressure	High.Side	4.3	4.3	4.3	4.3	4.3
	Low Side	2	2	2	2	2
Weight (kg)	59	59	100	104	108	
Adaptor	Discharge	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x28mm	1 1/4"x28mm	1 1/4"x28mm
	Suction	1 1/4"x28mm	1 1/4"x28mm	2 1/4"x42mm	2 1/4"x42mm	2 1/4"x42mm
Rotolock Valve	Discharge	RV.45B-7/8	RV.45B-7/8	RV.45B-1 1/8X	RV.45B-1 1/8X	RV.45B-1 1/8X
	Suction	RV.45B-1 1/8X	RV.45B-1 1/8X	RV.45B-1 5/8	RV.45B-1 5/8	RV.45B-1 5/8
Connection Type	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	
Sight Glass	✓	✓	✓	✓	✓	



Nominal Working Conditions: E.T: 7.2 °C, C.T: 54.4 °C, Suction Superheat 11.1K, Subcooling 8.3K

Specifications R407C

Model	YH69T2-100	YH89T2-100	YH104T2-100	YH119T2-100	YH128T2-100	
Electricity	220V/ 1~/50Hz					
Power in Horse	2	3	3.5	4	4.3	
Displacement	38.5	49.4	59.2	66.1	71.3	
Cooling Capacity	6530	8540	10180	11420	12290	
Power in Watt	2200	2827	3250	3660	3870	
COP (W/W)	2.96	3.02	3.13	3.12	3.18	
Running Current	10.4	13.4	15.4	17.3	18.4	
LRA (A)	76	76	109	109	109	
MOC (A)	14.6	19.4	21.7	24.4	26.3	
Crankcase Heater (W)	70	70	70	70	70	
Fitting Dimensions	Disc.Tube	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97
	Suction Tube	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45
Product Dim.	L*W*H	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418
Oil Type	POE	POE	POE	POE	POE	
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	
Recharge Volume	1.25	1.25	1.25	1.25	1.25	
Max Pressure	High.Side	3	3	3	3	3
	Low Side	2	2	2	2	2
Weight (kg)	31	31	33	33	33	
Adaptor	Discharge	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm
	Suction	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm
Rotolock Valve	Discharge	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8
Connection Type	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	
Sight Glass	-	-	-	-	-	



Nominal Working Conditions: E.T: 7.2 °C, C.T: 54.4 °C, Suction Superheat 11.1K, Subcooling 8.3K



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Scroll Compressors for A/C & Chiller

A/C & Chiller için Scroll Kompresörler

Specifications R407C

Model	YH69T1-100	YH89T1-100	YH104T1-100	YH119T1-100	YH128T1-100	YH133T1-100	YH140T1-100	YH150T1-100	YH175T1-100	YH200T1-100
Electricity	380V-420V/3~/50Hz									
Power in Horse	2	3	3.5	4	4.3	4.5	4.7	5	6	7
Displacement	38.5	49.4	59.2	66.1	71.3	74.1	77.6	83.3	97.1	108
Cooling Capacity	6530	8540	10180	11420	12290	12770	13440	14400	16510	19300
Power in Watt	2160	2680	3190	3550	3750	3900	4130	4410	5030	5970
COP (W/W)	3.02	3.19	3.19	3.22	3.28	3.27	3.25	3.27	3.28	3.23
Running Current	4.8	5.3	6.6	7.1	7.6	7.8	8	8.4	9.1	11.2
LRA (A)	45	45	60	60	60	60	60	60	65	85
MOC (A)	6.2	7.6	8.7	9.7	10.2	10.6	11.1	11.6	13.6	16.1
Crankcase Heater (W)	70	70	70	70	70	70	70	70	70	70
Fitting Dimensions	Disc.Tube	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97	12.87-12.97
	Suction Tube	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45
Product Dim.	L*W*H	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418	239*239*418	239*239*463	239*239*463
Oil Type	POE	POE	POE	POE	POE	POE	POE	POE	POE	POE
Initial Charge Volume	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.6
Recharge Volume	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.45	1.45
Max Pressure	High.Side	3	3	3	3	3	3	3	3	3
	Low Side	2	2	2	2	2	2	2	2	2
Weight (kg)	30	30	31	31	31	31	31	31	33	38
Adaptor	Discharge	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm	1"x12mm
	Suction	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm
Rotalock Valve	Discharge	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2	RV.45B-1/2
	Suction	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8
Connection Type	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.
Sight Glass	-	-	-	-	-	-	-	-	-	-



Nominal Working Conditions: E.T: 7.2 °C, C.T: 54.4 °C, Suction Superheat 11.1K, Subcooling 8.3K

Specifications R407C

Model	YH230T1G-100	YH266T1G-100	YH307T1G-100	YH355T1G-100	YH400T1G-100	YH450T1G-100	YH610T1G-100	YH720T1G-100	
Electricity	380V-420V/3~/50Hz								
Power in Horse	8	9	10	12	13	15	20	25	
Displacement	123	142	167.2	189.1	210	246	332.6	392	
Cooling Capacity	22180	25530	29470	34080	39100	42220	58033	68356	
Power in Watt	6770	7780	8910	10240	12100	13156	17444	20547	
COP (W/W)	3.28	3.28	3.31	3.33	3.4	3.21	3.32	3.32	
Running Current	12.9	14.8	15.6	17.8	21.5	20.5	31.5	36.7	
LRA (A)	117	117	121	121	148.5	170	205	266	
MOC (A)	17.6	19.7	22.5	25.3	32.2	31.5	40	51	
Crankcase Heater (W)	90	90	90	90	90	120	120	120	
Fitting Dimensions	Disc.Tube	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	22.35-22.45	28.80-28.90	28.80-28.90	28.80-28.90
	Suction Tube	28.83-28.83	28.83-28.83	28.83-28.83	28.83-28.83	28.83-28.83	41.56-41.66	41.56-41.66	41.56-41.66
Product Dim.	L*W*H	260*244*506.7	260*244*506.7	260*244*506.7	260*244*506.7	260*244*556.5	360*326.2*611	360*326.2*671	360*326.2*671
Oil Type	POE	POE	POE	POE	POE	POE	POE	POE	
Initial Charge Volume	2.7	2.7	3	3	3.7	4.2	5.5	5.5	
Recharge Volume	2.55	2.55	2.85	2.85	3.45	4	5.3	5.3	
Max Pressure	High.Side	3	3	3	3	3	3	3	
	Low Side	2	2	2	2	2	2	2	
Weight (kg)	53	53	54	54	57	95	100	104	
Adaptor	Discharge	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x22mm	1 1/4"x28mm	1 1/4"x28mm	
	Suction	1 1/4"x28mm	1 1/4"x28mm	1 1/4"x28mm	1 1/4"x28mm	1 1/4"x28mm	2 1/4"x42mm	2 1/4"x42mm	
Rotalock Valve	Discharge	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-7/8	RV.45B-1 1/8X	RV.45B-1 1/8X	
	Suction	RV.45B-1 1/8X	RV.45B-1 1/8X	RV.45B-1 1/8X	RV.45B-1 1/8X	RV.45B-1 1/8X	RV.45B-1 5/8	RV.45B-1 5/8	
Connection Type	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	Solder Conn.	
Sight Glass	✓	✓	✓	✓	✓	✓	✓	✓	



Nominal Working Conditions: E.T: 7.2 °C, C.T: 54.4 °C, Suction Superheat 11.1K, Subcooling 8.3K