

### Compressor List

#### Series M

##### Model M (DC Speed Regulating Compressor)

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Speed range(rpm)	Certification	Insidepath φ (mm)
		W	Btu/h						
R134a	TC2-M014AY4	240 (4500rpm)	820 (4500rpm)	1.4	2.4(4500rpm)	DC 24V	2700~6300		50.5
	TC2-M019AY4	325 (4500rpm)	1110(4500rpm)	1.9	2.4(4500rpm)		2700~6300		
	TSC2-M028Y4 (double-cylinder)	460 (4500rpm)	1570(4500rpm)	2.8	2.4(4500rpm)		1800~4500		
	TC3-M014AY4	240 (4500rpm)	820 (4500rpm)	1.4	2.4(4500rpm)	DC 48V	2700~6300		
	TC3-M019AY4T1	325 (4500rpm)	1110	1.9	2.4(4500rpm)		2700~6300		

Test condition: Condensing temperature is 54.4°C, Evaporating temperature is 7.2°C, Subcooling temperature is 46.1°C, Suction temperature 35°C, Environment temperature 35°C.

##### (Mobile refrigerator for car)48V DC speed regulating compressor

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W		Power Supply	Speed range(rpm)	Insidepath φ (mm)
		Test condition 1 (3600rpm)	Test condition 2 (3600rpm)		Test condition 1 (3600rpm)	Test condition 2 (3600rpm)			
R134a	FC2-M019Y4	143	70	1.9	1.47	1.0	DC24V	2000-4500	50.5

Test condition 1: Condensing temperature 54.4°C, Evaporating temperature -6.7°C, Subcooling temperature 46.1°C, Suction temperature 35°C, Environment temperature 35°C.

Test condition 2: Condensing temperature 54.4°C, Evaporating temperature -23.3°C, Subcooling temperature 32.2°C, Suction temperature 32.2°C, Environment temperature 32.2°C.

#### Series Q

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance	Certification	Insidepath φ (mm)
		W	Btu/h				μF/V-AC		
R410A	YZG-Q036Y2	1110(a)	3785(a)	3.59	3.85(a)	1PH,220-240V,50Hz	8/450	CCC TUV CE	88
	YZG-Q050Y2	1175	4020	5.01	2.35		25/450		
	YZG-Q036Y2D1	1330(a)	4540(a)	3.60	3.85(a)	1PH,208-230V,60Hz	8/450	TUV	
	YZH-Q031Y2D2	1180(a)	4025(a)	3.10	4.03(a)	1PH,115V,60Hz	25/250	UL	
	YZH-Q031FY2D2	1180(a)	4025(a)	3.13	4.03(a)		25/250		
	YZH-Q031AFY2D2	1180(a)	4025(a)	3.13	4.05(a)		25/250		
	YZG-Q033FY2D2	1245(a)	4250(a)	3.33	4.15(a)		25/250		
	YZG-Q035FY2D2	1290(a)	4400(a)	3.46	4.10(a)		25/250		
	YZG-Q036FY2D2	1330(a)	4538(a)	3.59	3.85(a)		25/250		
	YZG-Q036Y2D2	1330(a)	4540(a)	3.60	3.85(a)		25/250		

**Series Q**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance µF/V-AC	Certification	Inside path φ (mm)
		W	BTU/hr						
R410A	YZG-Q040FY2D2	1230	3890	4.00	2.60	1PH,115V,60Hz	40/250	UL	88
	YZG-Q040AFY2D2	1560(a)	5320(a)	4.16	4.10(a)		40/250		
	YZG-Q042Y2D2	1230	4195	4.20	2.62		45/250		
	YZG-Q042FY2D2	1230	4195	4.20	2.62		45/250		
	YZG-Q044AFY2D2	1280	4365	4.41	2.60		40/250		
	YZG-Q048Y2D2	1390	4555	4.80	2.60		45/250		
	YZG-Q048FY2D2	1390	4743	4.80	2.60		45/250		
	YZG-Q048AFY2D2	1390	4743	4.80	2.70		40/250		
	YZG-Q050AFY2D2T6	1850(a)	6310(a)	4.83	4.25(a)		45/250		
	YZG-Q050AFY2D2	1430	4880	4.90	2.70		45/250		
	YZG-Q050Y2D2	1450	4945	5.00	2.57		50/250		
	YZG-Q050FY2D2	1450	4945	5.00	2.57		50/250		
	YZG-Q053FY2D2	1480	5050	5.13	2.65		50/250		
	YZG-Q036FY2D6	1330(a)	4540(a)	3.59	3.90(a)		1PH,127V,60Hz		
	YZG-Q048FY2D6	1390	4743	4.77	2.60	40/250			
	R134a	YZG-Q036Y4D7	370/450	1260/1535	3.6	1.75/2.10	1PH,230V,50/60 Hz	7/450	
YZG-Q064Y4D7		710/855	2420/2915	6.4	2.30/2.55	8/450			
YZG-Q027AY4		300	1025	2.7	2.25	1PH,220- 240V,50Hz	5.5/400	CCC	
YZG-Q036AY4		385	1314	3.6	2.25		5.5/400	CCC TUV CE	
YZG-Q036FY4		385	1314	3.6	2.25		5.5/400		
YZG-Q042AY4		510	1535	4.2	2.25		8/400	CCC TUV CE	
YZG-Q046AY4		510	1740	4.6	2.45		7/400		
YZG-Q064Y4		735	2506	6.4	2.45		6.5/450		
YZG-Q064FY4		735	2506	6.4	2.45		6.5/450		
YZG-Q064AY4		770	2625	6.4	2.80		8/400		
YZG-Q072Y4		820	2800	7.2	2.55		8/450		
YZG-Q075Y4		900	3070	7.5	2.80		12/400		

**Series Q**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance	Certification	Insidepath φ (mm)	
		W	BTU/hr				μF/V-AC			
R134a	YZG-A071Y4	830	2830	7.1	2.90	1PH,220-240V,50Hz	15/450	CCC	88	
	YZG-Q080FY4	880	3005	8.0	2.45		12/400			
	YZG-Q086FY4	950	3240	8.6	2.45		12/450			
	YZG-Q036Y4D1	460	1620	3.60	2.25	1PH,208-230V,60Hz	6/400	CB TUV		
	YZG-Q042Y4D1	555	1895	4.20	2.25		8/400			
	YZG-Q046Y4D1	600	2050	4.6	2.40		7/450			
	YZG-Q057Y4D1	785	2678	5.71	2.50		8/450	CB TUV		
	YZG-Q057FY4D1	785	2678	5.71	2.50		8/450			
	YZG-Q064Y4D1	885	3020	6.40	2.60		7/450			
	YZG-Q064FY4D1	850	2900	6.40	3.00		8/450	CB TUV		
	YZG-Q072Y4D1	975	3325	7.23	2.65		7/450			
	YZG-Q075Y4D1	1020	3480	7.55	2.65		7/450			
	YZG-Q080Y4D1	1090	3720	8.05	2.65		8/450	UL		
	YZG-Q064Y4D2	885	3020	6.4	2.60		1PH,115V,60Hz			20/250
	YZG-Q064FY4D2	850	2900	6.4	2.50					20/250
R290	YZG-Q036FY6	470	1605	3.39	2.50	1PH,220-240V,50Hz	7/450			
	YZG-Q050FY6	705	2405	5.01	2.60		8/450			
	YZG-Q072FY6	1045	3565	7.23	2.75		12/450			

**DC speed regulating series compressor**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER	Controller power supply	Certification	Insidepath φ (mm)
		W	Btu/h		W/W			
R134a	YZC-Q072Y4	1030	3510	7.23	3.05(DC 3600rpm)	AC 208-230V/60Hz		88
	YZC-Q072AY4	1040	3546	7.23	3.10(DC 3600rpm)			
	YZC-Q080Y4	1175	4010	8.05	3.30(DC 3600rpm)			
	YZSC-Q092Y4	1260	4300	9.30	3.20(DC 3600rpm)			
R32	YZC-Q103RY8	3250	11100	10.3	3.25(DC 3600rpm)	AC 220V/50Hz		

**Series Q**

**Compressor for telecommunication cabinet(Model I) (Condensation temperature is up to 76°C)**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	capacitance	Certification	Insidepath φ (mm)
		W	Btu/h				μFV-AC		
R134a	YZG-Q044Y4	450	1535	4.4	2.25	220-240,50Hz	7/450	CCC	88
	YZG-Q088Y4	900	3070	8.8	2.31		12/450		

Test condition: condensing temperature 60°C, evaporating temperature 12°C, Subcooling temperature 51.7°C, suction temperature 30.3°C, environment temperature 35°C.

**Compressor for telecommunication cabinet(Model II) (Condensation temperature up to 80°C)**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance	Certification	Insidepath φ (mm)
		W	Btu/h				μFV-AC		
R134a	HG-Q046Y4D7	510	1740	4.65	2.45	220-240V,50/60Hz	8/450	CCC	88
	HG-Q064Y4	700	2390	6.44	2.55	220-240V,50Hz	8/450		

Test condition: condensing temperature 54.4°C, evaporating temperature 7.2°C, Subcooling temperature 46.1°C, suction temperature 35°C, environment temperature 35°C.

**Dc speed regulating compressor for telecommunication cabinet**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Speed range(rpm)	Certification	Insidepath φ (mm)
		W	Btu/h						
R134a	TC3-Q036Y4	500	1700	3.59	3.05(3600rpm)	DC 48V	1800-4500	CCC	88
	TC3-Q036Y4T1	500	1700	3.59	3.05(3600rpm)	DC 48V	1800-4500		
	TC3-Q088Y4	1220	4160	8.86	3.05(3600rpm)	DC 48V	1800-4500		
	TC2-Q088Y4	1220	4160	8.86	3.05(3600rpm)	DC 24V	1800-4500		
	HC-Q036Y4	500	1700	3.59	3.05(3600rpm)	AC 220V/50Hz	1800-4500		

Test condition: condensing temperature 54.4°C, evaporating temperature 7.2°C, Subcooling temperature 46.1°C, suction temperature 35°C, environment temperature 35°C

**48V DC speed regulating compressor for mobile refrigerator**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER(W/W)		Power Supply	Speed range(rpm)	Insidepath φ (mm)
		Test condition 1 (3600rpm)	Test condition 2 (3600rpm)		Test condition 1 (3600rpm)	Test condition 2 (3600rpm)			
R134a	FC-Q036Y4	290	150	3.59	1.97	1.23	AC 220V/50Hz	1800-4500	88
	FWC3-Q036Y4	290	150	3.59	1.97	1.23	DC 48V	1800-4500	
	FWC3-Q058Y4	490	235	5.87	2.10	1.23	DC 48V	1800-4500	
	FWC3-Q088Y4	730	340	8.0	2.14	1.56	DC 48V	1800-4500	

**Series V**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance	Certificate	Insidepath φ (mm)
		W	Btu/h				μF/V·AC		
R410A	YZG-V056FY2D2	2140(a)	7300(a)	5.60	4.35(a)	1PH,115V,60Hz	45/250		92
	YZG-V062FY2D2	2350(a)	8030(a)	6.20	4.35(a)		50/250		
	YZG-V066FY2D2	2500(a)	8550(a)	6.60	4.35(a)		50/250		
R32	YZG-V043FY8D2	1430(b)	4870(b)	4.23	3.70		35/250	UL	
	YZG-V050FY8D2	1715(b)	5850(b)	5.00	3.85(b)		35/250		
	YZG-V052FY8D2	1760(b)	6000(b)	5.19	3.72(b)		40/250	UL	

**Series A**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance	Certification	Insidepath φ (mm)
		W	Btu/h				μF/V·AC		
R22	YZG-A071D1	1490	5085	7.1	3.05	1PH,208-230V,60Hz	20/450	CCC	101
R410A	YZG-A045Y2	1100	3760	4.41	2.82	1PH,220-240V,50Hz	15/450	TUV CE	
	YZG-A055Y2	1320	4500	5.5	2.82		20/450		
	YZG-A058Y2	1450	4949	5.8	2.82		20/450		
	YZG-A071Y2	1780	6070	7.1	2.82		20/450		
	YZG-A082Y2	2050	7000	8.2	2.82	1PH,220-240V,50Hz	25/450	CCC TUV CE	
	YZG-A082Y2T6	1990	6790	8.0	2.82		25/450		
	YZG-A085RY2	2135	7290	8.5	2.82		20/450		
	YZG-A086Y2T1	2150	7340	8.6	2.78		20/450	TUV CE	
	YZG-A090RY2	2250	7670	9.0	2.78		25/450		
	YZG-A102RY2	2500	8700	10.2	2.85		30/450		
	YZG-A050Y2D1	1430	4880	5.0	2.90	1PH,208-230V,60Hz	15/450	CB	
	YZG-A062Y2D1	1820	6210	6.2	2.90		20/450		
	YZG-A073RY2D1	2210	7540	7.3	2.95		20/450		
	YZG-A084RY2D1	2520	8590	8.4	2.93		20/450		
	YZG-A084RAY2D1	2520	8590	8.4	2.96		25/370		
	YZG-A092RY2D1	2760	9410	9.2	2.95		25/450		
	YZG-A057Y2D9	1700	5800	5.71	2.94	1PH,265V,60Hz	15/370		

**Series A**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance µF/V-AC	Certification	Insidepath φ (mm)
		W	Btu/h						
R410A	YZG-A057RY2D9T6	1650	5630	5.5	2.94	1PH,265V,60Hz	15/370		101
	YZG-A078RY2D9	2340	7980	7.8	2.94		25/370		
	YZG-A081Y2D9	2385	8140	8.05	2.90		25/370		
	YZG-A045CY2D2	1320	4510	4.41	2.95	1PH,115V,60Hz	35/250	UL	
	YZG-A046AY2D2T7	1350	4600	4.53	2.92		35/250		
	YZG-A046BY2D2	1350	4600	4.53	2.93		35/250		
	YZG-A046AY2D2T1	1370	4675	4.65	2.92		35/250		
	YZG-A046AY2D2T6	1360	4640	4.60	2.85		35/250		
	YZG-A052Y2D2	1550	5300	5.19	2.92		45/250		
	YZG-A052AY2D2T1	1550	5300	5.19	2.95		45/250		
	YZG-A052AY2D2T2	1550	5300	5.19	2.95		45/250		
	YZG-A052AY2D2T5	1570	5370	5.25	2.96		45/250		
	YZG-A052AY2D2T6	1550	5300	5.19	2.96		45/250		
	YZG-A052BY2D2	1550	5300	5.19	2.95		45/250		
	YZG-A052BY2D2T1	1540	5250	5.13	2.95		40/250		
	YZG-A052BY2D2T5	1550	5300	5.25	2.92		40/250		
	YZG-A052CY2D2	1550	5300	5.19	2.93		45/250		
	YZG-A052CY2D2T6	1580	5390	5.31	2.90		45/250		
	YZG-A053Y2D2T6	1550	5300	5.19	2.92		45/250		
	YZG-A053Y2D2	1590	5425	5.30	2.92		40/250		
	YZG-A053FY2D2	1590	5425	5.30	2.92		40/250		
	YZG-A053AY2D2	1610	5493	5.37	3.00		40/250		
	YZG-A055Y2D2	1650	5630	5.50	2.92		40/250		
	YZG-A058Y2D2	1765	6025	5.80	2.90	40/250			
	YZG-A058CFY2D2	1760	6025	5.80	2.90	40/250			
	YZG-A066AY2D2	1980	6760	6.61	2.96	55/250			
YZG-A068AY2D2T6	2005	6850	6.70	2.95	55/250				

**Series A**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance µFV-AC	Certification	Insidepath φ (mm)
		W	Btu/h						
R410A	YZG-A068FY2D2	2050	7000	6.80	2.90	1PH,115V,60Hz	40/250	UL	101
	YZG-A068FY2D2T2	2050	7000	6.80	2.90		40/250		
	YZG-A068AY2D2	2030	6950	6.80	2.95		55/250		
	YZG-A070AY2D2	2090	7130	7.0	2.90		50/250		
	YZG-A070CY2D2	2110	7220	7.06	2.96		55/250		
	YZG-A070AY2D2T6	2090	7130	7.0	2.92		50/250		
	YZG-A070AFY2D2T6	2090	7130	7.0	2.92		50/250		
	YZG-A071Y2D2	2140	7300	7.10	2.90		40/250		
	YZG-A071AY2D2	2140	7300	7.10	2.90		45/250		
	YZG-A070AY2D2T9	2120	7240	7.10	2.93		50/250		
	YZG-A070FY2D2	2430	8290	8.1	2.95		50/250		
	YZG-A081FY2D2	2430	8290	8.1	2.95		60/250		
	YZG-A082BY2D2	2390	8150	8.0	2.95		55/250		
	YZG-A082BFY2D2T1	2390	8150	8.0	2.95		55/250		
	YZG-A082Y2D2	2460	8400	8.20	2.90		50/250		
	YZG-A082AY2D2T1	2460	8400	8.20	2.92		55/250		
	YZG-A082AFY2D2T1	2460	8400	8.20	2.92		55/250		
	YZG-A082BFY2D2T7	2505	8540	8.35	2.95		55/250		
	YZG-A086Y2D2	2540	8670	8.45	2.90		50/250		
	YZG-A086AY2D2	2600	8870	8.55	2.95		55/250	UL CB	
YZG-A086AY2D2T6	2650	9000	8.55	2.95	55/250	UL			
YZG-A090Y2D2	2700	9210	9.00	2.90	50/250				
YZG-A086AY2D6	2580	8800	8.55	2.84	1PH,127V,60Hz	55/250			
R134a	YZG-A110FY4D7	1540(60Hz)	5250(60Hz)	11.0	2.70	1PH,230V,50/60 Hz	20/450		
	YZG-A122Y4D7	1700(60Hz)	5820(60Hz)	12.2	2.70		20/450		
	YZG-A071Y4	830	2830	7.1	2.90	1PH,220-240V,50Hz	15/450		
	YZG-A086Y4	990	3377	8.6	2.90		20/450		

**Series A**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance	Certification	Insidepath φ (mm)
		W	Btu/h				μF/V-AC		
R134a	YZG-A071Y4D2	990	3377	7.1	2.90	1PH,115V,60Hz	25/250	UL	101
	YZG-A090Y4D2	1265	4320	9.0	2.90		25/250		
R32	YZG-A043FY8D2	1430	4890	4.3	3.83(b)		35/250	UL	
	YZG-A045Y8D2	1450	4950	4.5	2.90		35/250		
	YZG-A045FY8D2	1494	5110(b)	4.47	3.85(b)		35/250		
	YZG-A045FY8D2T1	1500	5110(b)	4.5	3.83(b)		35/250		
	YZG-A050FY8D2	1715(b)	5850(b)	5.0	3.90(b)		35/250	UL	
	YZG-A052FY8D2T1	1735(b)	5920(b)	5.2	3.90(b)		45/250		
	YZG-A054FY8D2	1825(b)	6230(b)	5.4	3.90(b)		40/250	UL	
	YZG-A064FY8D2	2220(b)	7580(b)	6.44	3.95(b)		55/250		
	YZG-A064FY8D2T6	2350(b)		6.76	3.98(b)				
	YZG-A066FY8D2	2330(b)	7950	6.61	4.07(b)		55/250		
	YZG-A066FY8D2T6	2350(b)		6.69	4.05(b)				
	YZG-A078Y8D2	2490	8500	7.8	2.96		55/250		
	YZG-A078FY8D2	2745(b)	9365(b)	7.81	4.0(b)	1PH,115V,60Hz	50/250	UL	
	YZG-A080Y8D2	2520	8590	8.0	2.98		60/250	UL	
YZG-A083FY8D2	2910(b)	9930(b)	8.31	3.98(b)	50/250				
YZG-A084FY8D2	2890(b)	9860(b)	8.25	3.96(b)	60/250				
R290	YZG-A120FY6	1700	5855	12.0	3.0	1PH,220-240V,50Hz	25/450		
	YZG-A137FY6	1940	6620	13.7	3.0		20/450		

**DC speed regulating series compressor**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Controller power supply	Certification	Insidepath φ (mm)
		W	Btu/h					
R410A	YZC-A098RY2	3015	10280	9.80	3.20(DC 3600rpm )	AC 220V/50Hz		101
	YZC-A108RY2	3320	11340	10.80	3.20(DC 3600rpm )			
	YZC-A150RY2	4750	16200	15.0	3.20(DC 3600rpm )			
	YZSC-A150RY2	4750	16200	15.0	3.20(DC 3600rpm )			



**Series A**

Compressor for telecommunication cabinet (Model I)(Condensation temperature up to 76°C)

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance	Certification	Inside path φ (mm)	
		W	Btu/h				μF/V-AC			
R134a	YZG-A106Y4D1	1660	5660	10.6	2.7	208-230,60Hz	20/370	UL	101	
	YZG-A106Y4T6	1295	4415	10.6	2.65	220-240,50Hz	15/450	CCC		
	YZG-A106Y4T8	1350	4605	11.2	2.75		20/450			
	YZG-E135Y4	1650	5630	11.2	2.7		25/450			
	YZWG-A106Y4D1	1660	5660	10.6	2.7	208-230,60Hz	20/370	UL		CCC
	YZWG-A106Y4	1295	4415	10.6	2.65	220-240,50Hz	15/450			
	YZWG-A106Y4T8	1350	4605	11.2	2.7		20/450			

**Series E**

Refrigerant	Model	Cooling Capacity		Working Volume cm3/rev	EER W/W	Power Supply	Capacitance	Certification	Inside path φ (mm)
		W	Btu/h				μF/V-AC		
R22	YZH-E140RET1	2280	7780	13.5	3.25	1PH,220-240V,50Hz	25/450	CCC	112
	YZH-E140RET8	2400	8190	14.1	3.25		25/450		
	YZH-E145RET8	2450	8360	14.4	3.25		25/450		
	YZH-E148RE	2500	8530	14.8	3.20		25/450		
	YZH-E148RET8	2550	8700	15.1	3.25		30/450		
	YZH-E148RET9	2630	8980	15.4	3.25		30/450		
	YZH-E160RET2	2650	9040	15.8	3.25		30/450		
	YZH-E160RET7	2830	9655	16.6	3.3	1PH,220-240V,50Hz	30/450		
	YZH-E160RET8	2850	9725	16.8	3.25		30/450		
	YZH-E160RET9	2880	9827	17.0	3.3		30/450		
	YZH-E193RET6	3370	11485	19.8	3.15		35/450	CCC TUV	
	YZH-E215RE	3620	12350	21.5	3.15		40/450	CCC	
	YZH-E215RET6	3780	12880	22.2	3.20	40/450			
	R410A	YZG-E22RY2	2200	8700	9.3	2.90	1PH,220-240V,50Hz	25/450	
YZG-E102RAY2T5		2500	8530	10.2	2.95	30/450		TUV CE	

**Series E**

Refrigerant	Model	Cooling Capacity		Working Volume cm <sup>3</sup> /rev	EER W/W	Power Supply	Capacitance	Certification	Inside path φ (mm)	
		W	Btu/h				μF/V·AC			
R410A	YZG-E106RY2	2600	8870	10.6	3.00	1PH, 220-240V, 50Hz	30/450	CCC	112	
	YZG-E106RY2T3	2650	9060	10.8	3.00		30/450			
	YZG-E27RY2	2700	9220	11.3	2.95		25/450	TUV CE		
	YZG-E132RY2T5	3250	11100	13.3	3.00		40/450	CCC		
	YZG-E132RY2T1	3300	11260	13.5	3.00		35/450	TUV CE		
	YZG-E140RY2	3450	11770	14.1	3.00		40/450	CCC		
	YZG-E104RY2D1	3150	10750	10.4	3.1	1PH, 208- 230V, 60Hz	40/450	UL		
	YZG-E108RY2D1T1	3200	10920	10.8	2.95		35/450			CB
	YZG-E118RY2D1	3430	11700	11.8	3.00		40/450			
	YZG-E127RY2D1	3800	11850	12.7	3.0		40/450			
	YZG-E131RY2D1	3950	13480	13.1	3.05		40/450			
	YZG-E103RY2D9	3020	10400	10.3	2.95		1PH, 265V, 60Hz			25/450
	YZG-E100RY2D2	3000	10235	10.0	3.05	1PH, 115V, 60Hz	60/270	UL		
	YZG-E106RY2D2T1	3150	10580	10.6	3.1		65/270			
	YZG-E106RFY2D2	3150	10580	10.6	3.03		60/270			
	YZG-E108RY2D2	3150	10750	10.8	3.0		60/270			
	YZG-E127RY2D2	3800	12965	12.7	3.10		60/270			
	YZG-E100RY8D2	2950	10065	9.7	2.95		65/250			
R32	YZG-E080RY8	2300(b)	7850(b)	8.0	4.00(b)	1PH, 220- 240V, 50Hz	20/450	CCC		
	YZG-E090RY8	2560(b)	8730(b)	9.0	3.94(b)		25/450	UL		
	YZG-E102RY8	2965(b)	10110(b)	10.4	4.00(b)		30/450			
	YZG-E102RY8T1	2905(b)	9905(b)	10.2	4.00(b)		30/450			
	YZG-E102RY8T6	2980(b)	10165(b)	10.3	4.05(b)		30/450			
	YZG-E135RY8	3900(b)	13300(b)	13.5	4.00(b)		40/450			
	YZG-E165RY6	2350	8020	16.6	3.25		25/450		UL	
YZG-E180RY6	2730	9310	18.0	3.25	35/450					

**Series E**

**DC speed control compressor**

Refrigerant	Model	Cooling Capacity		Working Volume cm <sup>3</sup> /rev	EER W/W	Controller Power Supply	Certification	Insidepath φ (mm)
		W	Btu/h					
R410A	YZC-E150RY2	4750	16200	15.0	3.20(DC 3600rpm )	AC 220V/50Hz	CCC	112
	YZC-E150RAY2	4750	16200	15.0	3.30(DC 3600rpm )			
	YZC-E215RY2	6650	22690	21.48	3.25(DC 3600rpm )		CCC	

**Compressor for RV air conditioner**

Refrigerant	Model	Cooling Capacity		Working Volume cm <sup>3</sup> /rev	EER W/W	Power Supply	Capacitance μF/V-AC	Certification	Insidepath φ (mm)
		W	Btu/h						
R410A	YZG-E114RY2D2	3360	11460	11.4	2.95	1PH,115V,60Hz	70/250	UL	112
	YZG-E128RY2D2	3780	12890	12.8	2.95		70/250		
	YZG-E132RY2T6	3300	11260	13.5	2.92	1PH,220-240V,50Hz	35/450		
	YZG-E156RY2	3800	12965	15.6	2.90		40/370		
	YZWG-E114RY2D2(horizontal )	3360	11460	11.4	2.90	1PH,115V,60Hz	70/250	UL	
	YZWG-E092RY2D2(horizontal)	2700	9210	9.2	2.90	1PH,115V,60Hz	60/370		
R407C	YZWG-E135RY1(horizontal)	2200	7510	13.5	2.95	1PH,220-240V,50Hz	25/450	TUV/CE	121
	YZWG-E192RY1(horizontal )	3100	10577	19.2	2.90	1PH,220-240V,50Hz	35/450	/	
	YZWG-F192RY1(horizontal )	3210	10950	19.2	2.95	1PH,220-240V,50Hz	35/450	TUV/CE	

Note: The default is Gb test condition, and the special test conditions are as follows:A:condensing temperature:45℃,evaporating temperature:12℃,Subcooling temperature:40℃,suction temperature:24℃, environment temperature:35℃; B:condensing temperature:45℃,evaporating temperature:7.2℃,Subcooling temperature:36.7℃,suction temperature:18.3℃, environment temperature:35℃

**Refrigeration compressor**

Refrigerant	Model	Cooling Capacity		Working Volume cm <sup>3</sup> /rev	EER W/W	Power Supply	Capacitance μF/V-AC	Certification	Insidepath φ (mm)
		W	Btu/h						
R404a	FWG-E160Y5(horizontal)	1050	3580	16.0	1.15	1PH,220-240V,50Hz	50/30/450	CCC	112
	FWG-E190Y5(horizontal)	1250	4265	19.2	1.15	1PH,220-240V,50Hz	50/35/450		

Test condition: condensing temperature54.4℃,evaporating temperature-23.3℃ ,Subcooling temperature: 32.2℃,suction temperature : 32.2℃, environment temperature : 32.2℃

**Compressor for telecommunication cabinet(Model I)(Condensation temperature up to 76℃)**

Refrigerant	Model	Cooling Capacity		Working Volume cm <sup>3</sup> /rev	EER W/W	Power Supply	Capacitance μF/V-AC	Certification	Insidepath φ (mm)
		W	Btu/h						
R134a	YZWG-E135Y4T1(horizontal)	1650	5630	13.5	2.7	220-240,50Hz	25/450	CCC	112
	YZWG-E215Y4(horizontal)	2630	8970	21.5	2.7	220-240,50Hz	30/450		

Test condition: condensing temperature60℃,evaporating temperature12℃,Subcooling temperature51.7℃,suction temperature30.3℃, environment temperature35℃

### Series E

#### 48V DC speed regulating compressor for mobile car refrigerator

Refrigerant	Model	Cooling Capacity		Working Volume cm <sup>3</sup> /rev	EER(W/W)		Power Supply	Speed range(rpm)	Inside path φ (mm)
		Test condition 1 (3600rpm)	Test condition 2		Test condition 1 (3600rpm)	Test condition 2 (3600rpm)			
R134a	FWC3-E135Y4(horizontal Model)	980	480	13.5	1.85	1.2	DC 48V	1800-4500	112
	FWC3-E150Y4(horizontal Model)	1085	530	15.0	1.85	1.2	DC 48V	1800-4500	
R404a	FWC3-E090Y5(horizontal Model)	-	735	9.1	-	1.2	DC 48V	1800-4500	

Test condition 1: condensing temperature 54.4°C, evaporating temperature -6.7°C, Subcooling temperature 46.1°C, suction temperature 35°C, environment temperature 35°C.

Test condition 2: condensing temperature 54.4°C, evaporating temperature -23.3°C, Subcooling temperature 32.2°C, suction temperature 32.2°C, environment temperature 32.2°C.

#### Compressor for kitchen air conditioner

Refrigerant	Model	Cooling Capacity		Working Volume cm <sup>3</sup> /rev	EER W/W	Power Supply	Capacitance μF/V·AC	Certification	Inside path φ (mm)
		W	Btu/h						
R410a	YZWG-E102RY2(horizontal Model)	2890	9860	10.2	2.80	220-240V,50Hz	30/450	CCC	112
	YZWG-E132RY2(horizontal Model)	3200	10920	13.1	2.80	220-240V,50Hz	35/450		

Test condition: condensing temperature 54.4°C, evaporating temperature 7.2°C, Subcooling temperature 46.1°C, suction temperature 35°C, environment temperature 35°C

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