

Mbsm.pro, Compressor, SIKELAN,
Refrigeration ,ADW91, 1/3 HP, 220 W,
751 btu, LBp, WQ series, R134A, LBP,
220V

Category: compressor

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Specifications

1.Product Performance

- 1)ADW91, MK series, use R134A refrigerant;
- 2)Voltage application 220V to 240V;
- 3)Frequency for 50/60HZ;
- 4)Motor type: RSIR;
- 5)Cooling type: ST;
- 6)Starting device is PTC Relay;
- 7)Application: Low Back Pressure;
- 8)Nominal power is 1/3 HP;
- 9)COP is 1.25 with the cooling capacity 220W.

Basing on Test Condition(ASHRAE)

Evaporating Temperature: -23.3 degree
 Ambient Temperature: 32.2 degree
 Subcooling Temperature: 32.2 degree
 Condensing Temperature: 54.4 degree
 Suction Temperature: 32.2 degree

Serial	Model	HP	V/Hz	Dispt (cm³)	Cooling Capacity (ASHRAE)						Motor type
					Test Conditions:-23.3℃(-10F)						
					Capacity (W)	Capacity (Btu/h)	Input Power(W)	Current (A)	COP	EER	
L	QD25HG	1/12	220-240V/50-60Hz	2.5	55	188	52	0.55	1.05	3.61	RSIR
	QD30HG	1/12		3.0	65	222	62	0.63	1.05	3.58	RSIR
	QD35HG	1/11		3.5	75	256	71	0.68	1.05	3.60	RSIR
	ADW43	1/6-		4.3	110	375	100	1.0	1.1	3.75	RSIR
	ADW51	1/6		5.1	125	427	104	1.1	1.2	4.10	RSIR
	ADW57	1/5-		5.7	135	461	112	1.15	1.2	4.11	RSIR
	ADW43	1/6-		4.3	110	375	100	1.0	1.1	3.75	RSIR
	ADW51	1/6		5.1	125	427	104	1.1	1.2	4.10	RSIR
MS	ADW57	1/5-		5.7	135	461	112	1.15	1.2	4.11	RSIR
	ADW66	1/4-		6.6	165	563	132	1.2	1.25	4.27	RSIR
	ADW77	1/4		7.7	185	631	148	1.4	1.25	4.27	RSIR
	ADW86	1/4+		8.6	200	682	160	1.45	1.25	4.27	RSIR
LM	ADW91	1/3-		9.1	220	751	176	1.65	1.25	4.27	RSIR
	ADW43	1/6-		4.3	110	375	100	1.0	1.1	3.75	RSIR
	ADW51	1/6		5.1	125	427	104	1.1	1.2	4.10	RSIR
	ADW57	1/5-		5.7	135	461	112	1.15	1.2	4.11	RSIR
	ADW66	1/4-		6.6	165	563	132	1.2	1.25	4.27	RSIR
	ADW77	1/4		7.7	185	631	148	1.4	1.25	4.27	RSIR
	ADW66	1/4-		6.6	165	563	132	1.2	1.25	4.27	RSIR
	ADW77	1/4		7.7	185	631	148	1.4	1.25	4.27	RSIR
MK	ADW86	1/4+		8.6	200	682	160	1.45	1.25	4.27	RSIR
	ADW91	1/3-		9.1	220	751	176	1.65	1.25	4.27	RSIR
	ADW110	3/8		11.0	270	921	215	2.05	1.25	4.28	RSIR
	ADW91	1/3-		9.1	220	751	176	1.65	1.25	4.27	RSIR
WQ	ADW110	3/8		11.0	270	921	215	2.05	1.25	4.28	RSIR
	ADW128	3/8+		12.8	320	1092	256	2.3	1.25	4.27	CSIR
	ADW142	1/2-		14.2	350	1194	280	2.6	1.25	4.27	CSIR
	ADW153	1/2		15.3	380	1297	304	2.8	1.25	4.27	CSIR

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PERFORMANCE FOR COMPRESSOR	
MODEL: ADW91	
1PH, 50/60Hz, 220-240V	
3. MAIN STRUCTURE	
COMPRESSOR TYPE	HERMTIC MOTOR-COMPRESSOR
PUMP TYPE	RECIPROCATING TYPE
DISPLACEMENT	9.1cm³
OIL TYPE	RL32H
OIL CHARGE	200ml
PAINTING	BLACK PAINT,BAKED
NET WEIGHT	9.1Kg
ID OF SUCTION TUBE	Ø6.2±0.1

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ADW91

220-240V~50/60Hz 1PH

LBP

R134a

SIKELAN
Compressor

Heating & Refrigerating
SIKELAN



10105107C



CECB



Zhejiang Naidi Refrigeration Technology Co., LTD.
MADE IN CHINA