

Technology	Date	Zhejiang Asbeila Refrigeration Technology Co.,Ltd										www.zjaspera.com			
■ R134a,LBP						Cooling Capacity +/-5%			Power Consumption	Efficiency +/-7%			Oil	Cooling	
Power Source	(V/Hz)	Power (hp)	Model	Disp. (cc/rev)	Motor Type	ASHRAE (-23.3℃)			+/-5%	ASHRAE(-23.3℃)					
						(kcal/h)	(W)	(Btu/h)	w	(kcal/h)	(W)	(Btu/h)	(mL)		
220-240V~50/60Hz		1/14 hp	ASV20H	2.0 cc	RSIR	41	48	164.00	56.00	0.73	0.85	2.9	140	ST	
		1/13 hp	ASV25H	2.5 cc	RSIR	50	58	198.00	68.00	0.73	0.85	2.9	140	ST	
		1/12 hp	ASV30H	3.0 cc	RSIR	60	70	239.00	82.00	0.73	0.85	2.9	145	ST	
		1/12 hp	S30G	3.0 cc	RSIR	56	65	222.00	72.00	0.77	0.9	3.07	160	ST	
		1/10 hp	S36G	3.6 cc	RSIR	69	80	273.00	89.00	0.77	0.9	3.07	165	ST	
		1/8 hp	ASW43H	4.3 cc	RSIR	106	123	420.00	98.00	1.08	1.25	4.27	200	ST	
		1/6 hp	ASW53H	5.3 cc	RSIR	120	140	478.00	112.00	1.08	1.25	4.27	200	ST	
		1/5 hp	ASW65H	6.5cc	RSIR	143	165	566.00	132.00	1.08	1.25	4.27	200	ST	
		1/4 hp	ASW75H	7.5 cc	RSIR	168	190	665.00	152.00	1.08	1.25	4.27	200	ST	
		1/4+ hp	ASQ91H	9.1 cc	RSIR	189	220	751.00	176.00	1.08	1.25	4.27	220	ST	
	1/3 hp	ASQ110H	11.0 cc	RSIR	241	280	955.00	215.00	1.11	1.3	4.43	220	ST		
115-127V/60Hz		1/14 hp	ASV20HD	2.0 cc	RSIR	47	55	188.00	65.00	0.73	0.85	2.9	140	ST	
		1/10 hp	ASV25HD	2.5 cc	RSIR	56	65	222.00	78.00	0.77	0.9	3.07	140	ST	
		1/12 hp	ASV30HD	3.0 cc	RSIR	69	80	273.00	100.00	0.77	0.9	3.07	145	ST	
		1/8 hp	ASW43HD	4.3 cc	RSIR	116	135	460.00	108.00	1.08	1.25	4.27	200	ST	
		1/6 hp	ASW53HD	5.3 cc	RSIR	138	160	546.00	128.00	1.08	1.25	4.27	200	ST	
		1/5 hp	ASW65HD	6.5cc	RSIR	167	194	662.00	147.00	1.14	1.32	4.5	200	ST	
	1/4 hp	ASW75HD	7.5 cc	RSIR	196	228	777.00	173.00	1.14	1.32	4.5	200	ST		
Cooling Type					Motor Type	ASHRAE Conditions (LBP)				Unit Conversion					
FC : Fan cooling					RSIR : Resistance Start Induction Run				Evaporating Temp. : -23.3℃ (-10℃)				1 watt = 3.41 Btu/Hr		
OC : Oil cooling					RSCR : Resistance Start Capacitor Run				Condensing Temp. : 54.4℃ (130℃)				1 watt = 0.86 Kcal/Hr		
ST : Static					CSIR : Capacitor Start Induction Run				Gas Superheated to : 32.2℃ (90℃)				1 Kcal/Hr = 3.97 Btu/Hr		
					CSR : Capacitor Start Capacitor Run				Liquid sub-cooled to : 32.2℃ (90℃)						
									Ambient Temp. : 32.2℃ (90℃)						

Products Introduction:

Voltage / frequency(V/Hz)	Horsepower (hp)	Model	Displacement	Motor type	Cooling capacity+/-5%			Input Power +/-5%	COP+/-7%			Cooling
					ASHRAE(-23.3℃)				ASHRAE(-23.3℃)			
			(cc/rev)		(kcal/h)	(W)	(Btu/h)	w	(kcal/h)	(W)	(Btu/h)	
220-240V~ 50/60Hz	1/14hp	ASV20H	2.0cc	RSIR	41	48	164.00	56.00	0.73	0.85	2.9	ST
	1/13hp	ASV25H	2.5cc	RSIR	50	58	198.00	68.00	0.73	0.85	2.9	ST
	1/12hp	ASV30H	3.0cc	RSIR	60	70	239.00	82.00	0.73	0.85	2.9	ST
	1/12hp	S30G	3.0cc	RSIR	56	65	222.00	72.00	0.77	0.9	3.07	ST
	1/10hp	S36G	3.6cc	RSIR	69	80	273.00	89.00	0.77	0.9	3.07	ST
	1/8hp	ASW43H	4.3cc	RSIR	106	123	420.00	98.00	1.08	1.25	4.27	ST
	1/6hp	ASW53H	5.3cc	RSIR	120	140	478.00	112.00	1.08	1.25	4.27	ST
	1/5hp	ASW65H	6.5cc	RSIR	143	165	566.00	132.00	1.08	1.25	4.27	ST
	1/4hp	ASW75H	7.5cc	RSIR	168	190	665.00	152.00	1.08	1.25	4.27	ST
	1/4+hp	ASQ91H	9.1cc	RSIR	189	220	751.00	176.00	1.08	1.25	4.27	ST
	1/3hp	ASQ110H	11.0cc	RSIR	241	280	955.00	215.00	1.11	1.3	4.43	ST
	1/3+hp	ASQ128H	12.8cc	RSIR	280	326	1112.00	251.00	1.11	1.3	4.43	ST
115-127V/60Hz	1/14hp	ASV20HD	2.0cc	RSIR	47	55	188.00	65.00	0.73	0.85	2.9	ST
	1/10hp	ASV25HD	2.5cc	RSIR	56	65	222.00	78.00	0.77	0.9	3.07	ST
	1/12hp	ASV30HD	3.0cc	RSIR	69	80	273.00	100.00	0.77	0.9	3.07	ST
	1/8hp	ASW43HD	4.3cc	RSIR	116	135	460.00	108.00	1.08	1.25	4.27	ST
	1/6hp	ASW53HD	5.3cc	RSIR	138	160	546.00	128.00	1.08	1.25	4.27	ST
	1/5hp	ASW65HD	6.5cc	RSIR	167	194	662.00	147.00	1.14	1.32	4.5	ST
	1/4hp	ASW75HD	7.5cc	RSIR	196	228	777.00	173.00	1.14	1.32	4.5	ST

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