



CHINA XUEMEI

SEMI-HERMETIC REFRIGERATION COMPRESSOR

2HP ~ 160HP

R22 R134a R404A R507A R407C



JIANGSU XUEMEI REFRIGERATION EQUIPMENT CO., LTD.

Company Introduction

www.chinaxuemei.com

Jiangsu Xuemei Refrigeration Equipment Co., Ltd. is a high-tech manufacturer of XUEMEI brand series refrigeration products, and a model enterprise producing semi-hermetic refrigeration compressor designated by UN and China Government.

There are 6 series of products manufactured by our factory: 2HP-80HP semi-hermetic refrigeration compressors and its butt-joint models; 7.5HP-40HP 2-stage semi-hermetic refrigeration compressors; air-cooled & water-cooled condensing units; water chilling & heat pump units; ice cream machines; tunnel quick freezers, cold rooms and refrigeration engineering.

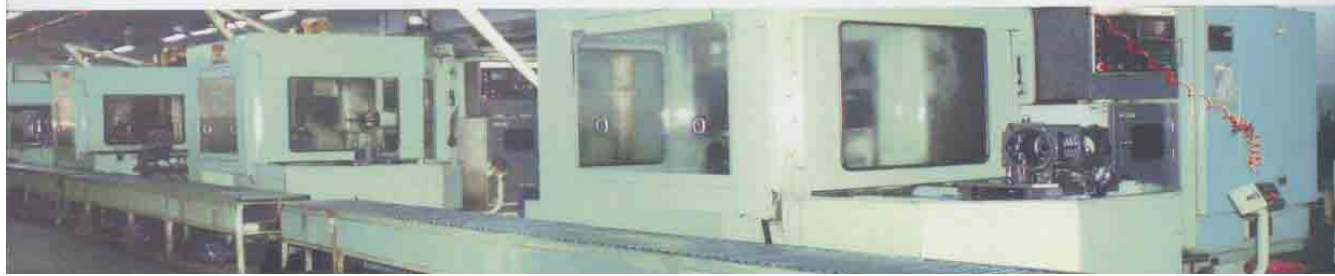
Our factory imported the key technology and equipment for manufacturing high-middle-low temperature semi-hermetic refrigeration compressors from Hitachi, Japan and AC, UK. The factory also imported from Japan and German NC machining center, NC lathe machines, NC grinding machines and computer-controlled full performance testing facilities, etc.

Now we are one of the largest manufacturers of semi-hermetic refrigeration compressors in China, and our factory has obtained ISO9001:2000 int'l quality system certificate, China industrial product manufacturing license, European CE Certificate and RoHS Directive.

We can also OEM design and produce the refrigeration compressor parts according to your drawing or sample, e.g. Piston, Connecting Rod, Valve Plate, Bearing, Oil Pump, Motor, etc.

XUEMEI factory has 68 region sales agents in China, and a professional sales team. XUEMEI products have been sold to every area in China and many other regions in Europe, Asia, America and Africa, etc.

We are the member enterprise of Chinese Association of Refrigeration (CAR), and the syndicate enterprise of China Refrigeration and Air-conditioning Industry Association (CRAA).



Compressor Brief

A-series semi-hermetic reciprocating compressors (ASRC) consist of several models with different power ranging from 2HP to 80HP(displacement:7.21~205m³)including types of 2-cylinder,3-cylinder, 4-cylinder,6-cylinder, 8-cylinder and its butt-joint models.Refrigerants HCFC and HFC can be applied to ASRC.Since high standard material,precise process and advanced technology as well as product diversity are adopted,ASRC possess great efficiency in compressing function and are reliable in operating,which make ASRC the optimum selection in the field of air condition and refrigeration.

Characteristics:

Resist stroke and high efficient valve reed and valve plate;
 Strictly control the minimum dead point clearance of assembling;
 Indurated surfaces of the crankshaft;
 Precisely processed and high quality standard shaft body bearing;
 Piston ring with chrome plating;
 Double-direction oil pump with large capacity (system of pressure for oil);
 High efficient electromotor with large volume;
 Reliable PTC transducer can oversee the temperature of electromotor;
 The piston LCH design of AV,AW,AZ,ASV4,ASW6,ASZ8 series (low clearance and high capacity);
 The body bearing hermetic design of AV,AW,AZ,ASV4,ASW6,ASZ8 series;
 The high and low cavities of AV,AW,AZ,ASV4,ASW6,ASZ8 series are designed to install safe valve;
 The PTC transducer is designed to install in AV,AW,AZ,ASV4,ASW6,ASZ8 series exhaust cavity,which protect the exhaust temperature;
 Multifom adjustment can be realized by AV,AW,AZ series high efficient energy control.(optional)
 The deep or shallow oil sump of AV,AW,AZ,ASV4,ASW6,ASZ8 series can be subjected.(optional)
 ASRC above 5HP could be equipped with crankcase heater.(optional)

Model Designation

AL, AM, AR models example:

300 - AL - 65 (X)

(1) (2) (3) (4)

(1) The nominal power of motor: 3HP × 100

(2) AC series L type semi-hermetic
2 - cylinder compressors

(3) Displacement volume code: 65 (not fact
volume)

(4) Oil charge type: X - ester oil, non-marked
~ mineral oil

ASR3, ASV4, ASW6, ASZ8 2-stage models example:

ASR 3 - 750 (X)

(1) (2) (3) (4)

(1) 2-Stage of AR model

(2) 3-cylinder

(3) The motor nominal power: 7.5HP × 100

(4) Oil charge type: X - ester oil, non-marked -
mineral oil

AV, AW, AZ models example:

2500 - AV - 71 (X)

(1) (2) (3) (4)

(1) The nominal power of motor: 25HP × 100

(2) AC series V type semi-hermetic 4-cylinder
compressors

(3) Displacement volume: 71m³/h

(4) Oil charge type: X - ester oil, non-marked
- mineral oil

AW66 and other butt-joint models example:

AW66 - 100 H (X)

(1) (2) (3) (4)

(1) Butt - joint of 2 pcs AW 6 - cylinder compressors

(2) The motor nominal power: 100HP

(3) H - high & mid temperature, non marked - mid & low
temperature

(4) Oil charge type: X - ester oil, non-marked -
mineral oil

Note: When the power frequency is 60Hz, the refrigeration capacity of compressor increases 18%, the electric parameter increases 20%.

We can do special design and produce for different power voltage standards, please notice its Δ or Y electric connection method.

DIMENSIONS AND PHOTOGRAPHS

<p>AL (2-5HP)</p>		<p>L type of 2-cylinder</p>
<p>AM (7.5-10HP)</p>		<p>M type of 2-cylinder</p>
<p>AR (7.5-20HP)</p>		<p>R type of 3-cylinder</p>
<p>AV (6-18HP)</p>		<p>V type of small 4-cylinder</p>
<p>AV (15-30HP)</p>		<p>V type of 4-cylinder</p>

DIMENSIONS AND PHOTOGRAPHS

<p>AW (25-50HP)</p>		<p>W type of 6-cylinder</p>
<p>AZ (40-80HP)</p>		<p>Z type of 8-cylinder</p>
<p>ASR3 (7.5-13HP)</p>		<p>2-stage of AR</p>
<p>ASW6 (20-30HP)</p>		<p>2-stage of AW</p>
<p>AW66 (50-100HP)</p>		<p>Butt-joint of 2 AW</p>



R22 Semi-Hermetic Standard 50Hz

Operating Conditions

25°C Suction Gas Return
No subcooling

Compressor Model	Cond. Temp. °C	Refrigeration Capacity Watt Evaporating Temperature °C												
		12.5	10	7	5	0	-5	-10	-15	-20	-25	-30	-35	-40
200-AL-50	30	12600	11450	10250	9100	7890	6630	5400	4370	3460	2660	2070	1550	1050
	40	11100	10150	9150	8100	6980	5780	4680	3760	2930	2260	1720	1200	710
	50	9700	8850	7950	6950	5960	4980	4010	3190	2480	1900	1400	865	520
200-AL-60	30							8020	6440	5090	3930	2950	2130	1440
	40							7030	5610	4390	3350	2460	1720	1100
	50							6100	4820	3710	2790	2000	1340	800
300-AL-60	30	18700	17100	15400	13700	11700	9800	8020	6440	5090				
	40	16600	15100	13700	12200	10500	8650	7030	5610	4450				
	50	14500	13200	11900	10450	9000	7500	6100	4820	3710				
300-AL-65	30							10550	8500	6900	5450	4150	3150	2240
	40							9500	7600	6100	4720	3550	2600	1850
	50							8100	6600	5300	4040	3000	2160	1480
300-AL-70	30							12000	9700	7700	6050	4650	3410	2420
	40							10500	8500	6700	5200	3900	2810	2020
	50								7250	5700	4350	3250	2350	1650
400-AL-65	30	23890	21890	19800	18400	15400	12800	10550	8500	6900				
	40	21200	19500	17500	16300	13600	11280	9500	7600	6100				
	50	18400	16900	15300	14200	11800	9700	8100	6600	5300				
400-AL-70	30	27300	25070	22580	21040	17520	14550	12000	9700	7700	6050	4650	3410	2420
	40			20220	18810	15610	12840	10500	8500	6700	5200	3900	2800	2020
	50						11200	9040	7250	5700	4350	3250	2350	1650
400-AL-75	30							13840	11260	9120	7200	5560	4180	3050
	40							12240	9960	8000	6300	4800	3560	2520
	50							11020	8970	7240	5550	4130	3000	2030
500-AL-70	30	27300	24870	22580	21040	17520	14550	12000	9700	7610	5940	4520	3290	2290
	40	24500	22800	20600	18810	15610	12840	10500	8430	6600	5070	3760	2660	1550
	50	21900	20020	18280	16650	13710	11200	9040	7250	5600	4220	3100	2130	1500
500-AL-75	30	31370	28810	25960	24180	20140	16620	13840	11150	8860	6900	5260	3880	2740
	40			23000	21410	17780	14760	12060	9750	7710	5930	4410	3020	2280
	50						12890	10640	8450	6560	4960	3680	2510	1865
750-AM-100	30	39920	34800	31300	29120	24170	19860	16110	12870	10090				
	40	33930	31080	27900	25920	21410	17470	14060	11100	8560				
	50	29840	27300	24470	22690	18640	15390	12510	9830	7430				
750-AM-110	30						21650	17680	14340	11310	8790	6640	4840	3330
	40						19090	15520	12420	9760	7490	5550	3920	2500
	50						16600	13430	10680	8320	6300	4520	3080	1920
1000-AM-110	30	42380	38890	35010	32600	27100	22320	18160	14570	11480				
	40	38060	34900	31380	29180	24180	19820	16030	12750	9930				
	50	33760	30930	27770	25200	21310	17390	14200	11030	8480				
750-AR-120	30						28700	23430	18850	14920	11550	8850	6458	4400
	40						25700	20800	16630	13000	9950	7400	5200	3450
	50						22600	18400	14300	11070	8330	6100	4200	2600
1000-AR-120	30	54800	50500	45240	42100	35000	28700	23430	18850	14920				
	40	49600	45500	40850	38000	31400	25700	20800	16630	13000				
	50	44400	40600	36500	33840	27830	22600	18400	14300	11070				
1000-AR-130	30						35200	28900	23200	18580	14570	11120	8170	5600
	40						31500	25800	20640	16210	12280	9120	6550	4250
	50						27500	22300	17800	14000	10850	8100	5500	3400
1500-AR-130	30	66240	60810	54760	50990	42420	35200	28900	23200	18580				
	40	59160	54240	48770	45360	37590	31500	25800	20640	16210				
	50	52000	47630	42750	39800	33200	27500	22300	17800	14000				
1300-AR-140	30						42670	34860	28100	22300	17300	13100	9550	6570
	40						37500	30500	24500	19200	14800	10950	7750	4900
	50						32500	26300	21200	16400	12500	9100	6300	3970
2000-AR-140	30	83300	76460	68850	64100	53300	43000	34860	28100	22300				
	40	73700	67600	60800	56500	46800	38000	30500	24500	19200				
	50	64100	58800	52800	49000	40500	32900	26300	21200	16400				
600-AV-34	30						24650	20190	16380	13080	10270	7840	5820	4130
	40						21760	17770	14330	11360	8760	6600	4750	3210
	50						18820	15300	12240	9460	7170	5220	3600	2230
1000-AV-34	30	46750	40150	39350	36020	29990	24750	20240	16290	12910				
	40	41360	35500	34790	31850	26460	21810	17750	14240	11210				
	50	36110	30950	30330	27690	22930	18810	15220	12120	9460				
800-AV-41	30						30090	24700	20040	16040	12620	9630	7170	5120
	40						26560	21660	17480	13870	10680	8040	5800	3930
	50						22930	18660	14950	11640	8870	6510	4520	2850
1200-AV-41	30	55960	52410	47140	43120	35970	29740	24300	19650	15610				
	40	49780	46580	41850	38320	31850	26260	21410	17190	13560				
	50	43510	40670	36510	33370	27640	22690	18400	14680	11500				

Note: Head Cooling Fan

 Head Cooling Fan+Liquid Spray Device (optional)

R22 Semi-Hermetic Standard 50Hz

Operating Conditions 25°C Suction Gas Return
No subcooling

Compressor Model	Cond Temp °C	Refrigeration Capacity Watt													
		Evaporating Temperature °C													
		12.5	10	7	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
1000-AV-48	30						34940	28670	23230	18560	14560	11100	8220	5800	
	40						30770	25140	20290	16060	12390	9310	6710	4540	
	50						26710	21710	17350	13520	10290	7550	5220	3280	
1300-AV-48	30	67030	62720	56350	51650	42920	35430	28910	23280	18430					
	40	59680	55790	50080	45820	38070	31310	25430	20380	16020					
	50	52230	48810	43800	39980	33120	27150	21950	17490	13660					
1300-AV-56	30						40330	33080	26850	21460	16860	12730	9410	6620	
	40						35920	29350	23670	18780	14410	10820	7800	5290	
	50						31360	25530	20430	15830	12020	8800	6080	3800	
1800-AV-56	30	77520	72590	65270	59680	49780	41060	33520	27050	21460					
	40	69190	64710	58110	53120	44100	36260	29450	23570	18530					
	50	60560	56640	50860	46400	38420	31510	25480	20240	15730					
1500-AV-71	30						51010	41400	33290	26500	20850	16190	12370	9270	
	40						45960	36990	29470	23210	18040	13820	10390	7630	
	50						40890	32600	25710	20020	15350	11570	8530	6130	
2500-AV-71	30	95430	88020	80620	73970	61000	49960	40600	32690	26040	20490				
	40	87160	79870	72580	67480	55230	44880	36150	28810	22690	17630				
	50	78630	72470	66320	60780	49380	39780	31730	25010	19450	14890				
2000-AV-86	30						61050	49370	39550	31340	24530	18930	14360	10660	
	40						54510	43770	34770	27300	21130	16100	12020	8750	
	50						48020	38250	30110	23390	17880	13410	9830	6990	
3000-AV-86	30	116520	107490	98460	90350	74210	60560	49010	39300	31180	24430				
	40	105940	97690	89450	82040	66980	54280	43600	34650	27220	21080				
	50	95140	87700	80270	73570	59680	48010	38240	30100	23380	17870				
2500-AW-106	30						81100	65100	51700	40600	31600	24200	18200	13400	
	40						74000	59000	46600	36300	27900	21100	15700	11400	
	50							52800	41400	32000	24300	18200	13300		
3500-AW-106	30	149000	137400	125900	115500	94500	76700	61800	49300	38900					
	40	136100	125100	114900	105400	85800	69300	55500	44000	34400					
	50	126500	114100	103600	95000	76900	61800	49200	38700	30000					
3000-AW-129	30						90400	74700	60000	47600	37400	28900	22000	16400	
	40						81100	66900	53500	42300	33000	25300	19000	14000	
	50						71900	59100	47000	37000	28600	21700	16100		
4000-AW-129	30	171300	158100	144800	132800	109800	90100	73400	59200	47300					
	40	155000	142810	130800	120000	98800	80700	65400	52500	41600					
	50	138400	127510	116800	107000	87700	71400	57500	45900	36100					
4000-AW-154	30						108300	88500	71700	57500	45600	35700	27500	20700	
	40						97800	79700	64300	51300	40400	31400	23900	17800	
	50						87300	70800	56900	45100	35300	27100	20400		
5000-AW-154	30	203800	188100	172200	159800	130800	107600	87800	71000	56800					
	40	185100	171050	156300	143300	118300	97000	78900	63500	50500					
	50	166100	153050	140100	128300	105700	86300	69800	55900	44200					
4000-AZ-172	30						147660	122260	100450	81790	65920	52820	41740	32460	24700
	40						133690	110580	90710	73690	59190	47160	37010	28490	21410
	50						11950	98720	80800	65440	52350	41430	32220	24520	
5000-AZ-172	30	235140	21500	196970	179960	149490	123400	101070	82040	65910					
	40	211610	193460	177170	161800	134250	110630	90400	73150	58540					
	50	188060	171820	157350	143620	119000	97860	80490	64300	51190					
6000-AZ-205	30						184640	153900	124780	100250	79710	62620	48540	37020	27660
	40						165120	137400	110680	88270	69590	54140	41480	31190	22910
	50						145750	121040	96810	76570	59790	45990	34760	25720	
8000-AZ-205	30	280280	258540	236760	217220	181980	151480	122170	97580	77090					
	40	252050	232330	212760	195080	163190	135560	108480	85880	67150					
	50	223800	206090	188730	172950	144420	119690	94960	74430	57520					
AW66-50	30						162200	130100	103400	81300	63100	48300	36400	26800	
	40						147900	118000	93100	72600	55800	42300	31400	22800	
	50							105600	82700	63900	48600	36400	26600		
AW66-70H	30	298000	274800	251700	231000	188900	153400	123500	98500	77700					
	40	272200	250200	229800	210700	171600	138600	111000	87900	68800					
	50	253000	228200	207200	189900	153900	123700	98400	77400	60000					
AW66-60	30						180800	149400	119900	95200	74700	57800	44000	32700	
	40						162300	133700	106900	84500	65900	50500	38000	27900	
	50						143700	118100	94000	73800	57100	43400	32200		
AW66-80H	30	342600	316200	289500	265600	219500	180100	146700	118400	94500					
	40	309800	285600	261600	239900	197500	161400	130800	104900	83200					
	50	276700	255000	233500	214000	175400	142700	115000	91700	72100					
AW66-80	30						216500	176900	143400	115000	91200	71300	54900	41400	
	40						195600	159300	128500	102600	80800	62700	47800	35600	
	50						174500	141600	113700	90100	70500	54200	40800		
AW66-100H	30	407600	376200	344300	319600		215200	175600	142000	113600					
	40	370200	342100	312500	286500		194000	157700	126900	100900					
	50	332100	306100	280000	256600		172600	139600	111700	88300					

Note: Head Cooling Fan

 Head Cooling Fan+Liquid Spray Device (optional)

R134a Semi-Hermetic Standard 50Hz

Operating Conditions 25°C Suction Gas Return
No subcooling

Compressor Model	Cond. Temp. °C	Refrigeration Capacity Watt												
		Evaporating Temperature °C												
		12.5	10	7	5	0	-5	-10	-15	-20	-25	-30	-35	-40
300-AL-60X	50	8660	7880	7150	6470	5260	4220	3330	2560	1840				
	60	7440	6770	6130	5550	4490	3590	2800	2140	1580				
	70	6270	5680	5150	4660	3750	2980	2320	1760	1270				
400-AL-65X	50	11700	10640	9670	8760	7130	5730	4530	3520	2660				
	60	10030	9120	8280	7480	6080	4850	3810	2930	2170				
	70	8430	7650	6940	6260	5060	4030	3150	2390	1760				
500-AL-75X	50	13180	12000	10870	9820	7960	6360	4990	3820	2840				
	60	11330	10300	9320	8420	6800	5410	4210	3200	2330				
	70	9590	8630	7810	7050	5860	4490	3470	2600	1860				
1000-AM-110X	50	21690	19710	17870	16160	13100	10500	8260	6380	4810				
	60	18590	16860	15260	13780	11120	8860	6930	5310	3940				
	70	15520	14060	12710	11450	9200	7280	5640	4270	3120				
1000-AR-120X	50	27600	25100	22750	20600	16720	13410	10600	8210	6200				
	60	23670	21500	19490	17590	14240	11360	8910	6850	5120				
	70	19780	17960	16250	14660	11810	9370	7300	5550	4100				
1500-AR-130X	50	34350	31200	28300	25600	20750	16610	13090	10110	7620				
	60	29400	26700	24150	21800	17620	14030	10970	8390	6240				
	70	24600	22250	20100	18130	14570	11530	8940	6760	4950				
2000-AR-140X	50	43800	39760	36000	32520	26270	20960	16460	12650	9480				
	60	38020	34500	31200	28150	22750	18060	14090	10740	7920				
	70	32340	29330	26560	23970	19270	15280	11840	8920	6470				
1000-AV-34X	50	22510	20420	18470	16650	13410	10610	8220	6190	4470				
	60	18880	17080	15420	13860	11070	8670	6620	4880	3400				
	70	15290	13820	12430	11150	8840	6850	5150	3700	2480				
1200-AV-41X	50	27070	24560	22230	20050	16180	12850	10000	7580	5530				
	60	22740	20680	18600	16740	13420	10550	8110	6010	4250				
	70	18470	16700	15040	13510	10740	8350	6290	4540	3060				
1300-AV-48X	50	32280	29250	26460	23860	19210	15210	11800	8900	6450				
	60	27210	24650	22230	20000	15970	12510	9560	7030	4900				
	70	22190	20050	18030	16170	12810	9910	7410	5280	3460				
1800-AV-56X	50	37440	33950	30690	27720	22280	17650	13670	10270	7390				
	60	31530	28510	25720	23120	18470	14450	11010	8090	5600				
	70	25580	23120	20790	18600	14740	11390	8510	6070	4000				
2500-AV-71X	50	49970	45590	41210	37290	30270	24250	19100	14730	11020				
	60	43160	39310	35460	32000	25800	20470	15900	12010	8720				
	70	36160	32860	29560	26590	21250	16640	12680	9310	6440				
3000-AV-86X	50	59200	54040	48880	44270	36000	28910	22850	17690	13330				
	60	51230	46690	42160	38090	30780	24500	19120	14550	10660				
	70	43020	39130	35250	31750	25460	20030	15370	11400	8020				
3500-AW-106X	50	76200	69200	62920	56980	46340	37200	29400	22760	17140				
	60	65940	59780	54240	49020	39610	31530	24600	18710	13710				
	70	55370	50140	45360	40860	32760	25770	19770	14660	10310				
4000-AW-129X	50	90860	82590	74870	67720	54910	43920	34520	26530	19760				
	60	78390	71080	64320	58010	46690	36960	28620	21530	15510				
	70	65570	59380	53510	48090	38340	29930	22700	16550	11310				
5000-AW-154X	50	111980	101400	92260	83450	67650	54090	42500	32660	24310				
	60	96590	87740	79240	71470	57510	45510	35220	26480	19050				
	70	80770	73330	65910	59230	47200	36830	27920	20300	13800				
5000-AZ-172X	50	117800	106160	97220	88020	71530	57380	45280	35000	26290				
	60	101870	91460	83760	75640	61070	48540	37810	28680	20930				
	70	85460	76370	69940	62970	50410	39590	30290	22370	16630				
8000-AZ-205X	50	144450	130130	119170	107870	87610	70230	55370	42750	32050				
	60	124840	112030	102600	92640	74740	59350	46170	34960	25440				
	70	104660	93480	85610	77040	61620	48320	36900	27180	18900				
AW66-70HX	50	152400	138400	125800	114000	92700	74400	58800	45500	34300				
	60	131900	119600	108500	98000	79200	63100	49200	37400	27400				
	70	110700	100300	90700	81700	65500	51500	39500	29300	20600				
AW66-80HX	50	181700	165200	149700	135400	109800	87800	69000	53100	39500				
	60	156800	142200	128600	116000	93400	73900	57200	43100	31000				
	70	131100	118800	107000	96200	76500	59900	45400	33100	22600				
AW66-100HX	50	224000	202800	184500	166900	135300	108200	85000	65300	48600				
	60	193200	175500	158500	142900	115000	91000	70400	53000	38100				
	70	161500	146700	131800	118500	94400	73700	55600	40600	27600				

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Operating Conditions 25°C Suction Gas Return
No subcooling

Compressor Model	Cond. Temp. °C	Refrigeration Capacity Watt												
		Evaporating Temperature °C												
		12.5	10	7	5	0	-5	-10	-15	-20	-25	-30	-35	-40
200-AL-50X	30			11320	10550	8790	7360	6040	4890	3890	3020	2290	1650	1100
	40			9570	8910	7390	6130	4990	3990	3130	2370	1710	1130	615
	50			7790	7230	5950	4860	3910	3080	2350	1710	1140	620	
200-AL-60X	30								6750	5420	4260	3270	2410	1670
	40								5650	4360	3360	2500	1770	1130
	50								4350	3340	2510	1795	1180	
300-AL-60X	30			16580	15460	12970	10790	8870	7200	5740	4480	3400	2470	1670
	40			14060	13090	10880	9000	7360	5910	4660	3560	2620	1780	1040
	50					8810	7230	5850	4650	3590	2675	1865	1140	
300-AL-65X	30					14000	11500	9400	7870	6360	4910	3650	2610	
	40					11720	9610	7790	6500	5150	3870	2770	1830	
	50					9390	7620	6100	5050	3940	2840	1900	1100	
300-AL-70X	30								9330	7450	5830	4450	3270	
	40								7880	6230	4800	3560	2490	
	50								6390	4950	3710	2620	1650	
400-AL-65X	30		22820	21280	17950	15010	12400	10150	8150	6430	4950	3680	2600	
	40		19610	18270	15270	12700	10450	8450	6730	5210	3930	2790	1810	
	50				12580	10340	8410	6730	5260	3990	2870	1890		
400-AL-70X	30					17000	14070	11500	9240	7280	5600	4230	3070	
	40					14400	11830	9590	7620	5970	4550	3330	2290	
	50					11860	9660	7760	6120	4700	3470	2410	1480	
400-AL-75X	30								10800	8660	6830	5250	3930	
	40								9120	7240	5640	4260	3070	
	50								7400	5800	4420	3230	2180	
500-AL-75X	30		29800	27780	23300	19310	15840	12840	10560	8430	6600	5040	3720	
	40		25570	23800	19850	16380	13350	10730	8850	6990	5390	4030	2860	
	50				16330	13370	10800	8590	7130	5540	4180	3000		
750-AM-100X	30		34850	31940	26730	22180	18250	14850	11930	9420	7290			
	40		29430	26980	22590	18740	15390	12490	9970	7820	5970			
	50		24170	22180	18570	15440	12620	10200	8090	6275	4710			
750-AM-110X	30								17140	13710	10800	8360	6295	4580
	40								14480	11500	8950	6790	4950	3990
	50								11700	9210	7050	5210	3615	3010
1000-AM-110X	30		39700	37100	31550	25780	21200	17200	13760	10840	8390	6320	4600	
	40		34120	31800	26580	21970	18000	14510	11530	8980	6810	4960	4000	
	50		28310	26350	21900	18005	14630	11720	9210	7070	5220	3620		
750-AR-120X	30								16620	13280	10420	8000	5980	
	40								14000	11080	8600	6490	4720	
	50								11330	8850	6740	4960	3470	
1000-AR-120X	30		49750	46470	39000	32360	26600	21600	17320	13670	10600	8000	5860	
	40		42100	39260	32860	27240	22350	18130	14500	11400	8730	6470	4540	
	50		34320	32000	26710	22350	18130	14690	11740	9190	6990	5080		
1000-AR-130X	30								21750	17500	13840	10750	8160	
	40								18420	14740	11590	8930	6690	
	50								15080	11990	9370	7160	5290	
1500-AR-130X	30		63310	59160	49700	41400	34120	27830	23390	17830	13950	10700	8000	
	40		53400	49860	41810	34760	28630	23330	18760	14860	11540	8700	6280	
	50		43350	40430	33820	28100	23100	18800	15110	11930	9180	6800		
1300-AR-140X	30								26300	21140	16730	12990	9860	
	40								22270	17810	14010	10800	8100	
	50								18240	14500	11330	8650	6400	
2000-AR-140X	30		76700	71720	60300	50230	41440	33850	28480	21750	17060	13120	9850	
	40		64780	60500	50780	42250	34830	28420	22900	18180	14150	10700	7770	
	50		52640	49110	41130	34170	28160	22960	18500	14640	11320	8420		
600-AV-34X	30					25160	20740	16920	13620	10790	8370	6310	4580	
	40					21160	17370	14090	11250	8810	6730	4950	3460	
	50						13930	11210	8870	6860	5140	3680	2460	
1000-AV-34X	30		39760	36460	30510	25350	20840	16970	13590	10690	8200	6080	4260	
	40		33580	30790	25670	21260	17380	14020	11120	8620	6480	4650	3120	
	50		27490	25160	20930	17200	13970	11170	8760	6680	4920	3440	2200	
800-AV-41X	30					30740	25350	20650	16640	13180	10230	7720	5620	
	40					25810	21210	17190	13730	10760	8220	6070	4260	
	50						17070	13760	10900	8440	6330	4540	3040	
1200-AV-41X	30		47900	43900	36690	30460	25020	20370	16330	12870	9910	7410	5310	
	40		40460	37070	30970	25630	21020	16990	13520	10530	7990	5840	4020	
	50		32930	30140	25160	20790	16960	13630	10750	8260	6130	4330	2810	
1000-AV-48X	30					35620	29390	23950	19260	15250	11810	8890	6430	
	40					30040	24650	20000	15940	12470	9510	7000	4880	
	50						20000	16080	12710	9820	7340	5250	3500	

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Operating Conditions 25°C Suction Gas Return
No subcooling

Compressor Model	Cond. Temp. °C	Refrigeration Capacity Watt												
		Evaporating Temperature °C												
		12.5	10	7	5	0	-5	-10	-15	-20	-25	-30	-35	-40
1300-AV-48X	30			57200	52460	43810	36320	29860	24180	19350	15180	11620	8600	6050
	40			48550	44510	37160	30740	25160	20330	16150	12550	9480	6880	4670
	50			39620	36270	30230	24880	20280	16210	12730	9730	7180	5010	3190
1300-AV-56X	30						40920	33720	27490	22090	17500	13560	10230	7430
	40						34690	28460	23070	19430	14430	11020	8130	5700
	50						23120	18660	14720	11360	8490	6060	4000	
1800-AV-56X	30			66030	60550	50690	42090	34600	28140	22560	17740	13620	10100	7130
	40			56270	51530	43020	35530	29070	23440	18600	14450	10910	7920	5420
	50			46410	42460	35250	28930	23490	18740	14860	11170	8230	5750	3710
1500-AV-71X	30							46310	38010	30900	24750	19610	15170	11480
	40							39930	32600	26330	20890	16340	12390	9120
	50							26770	21420	16790	12890	9520	6710	
2500-AV-71X	30			84980	77900	65370	54480	45240	37080	30080	24030	18980		
	40			73760	67580	56610	47050	38910	31710	25540	20190	15710		
	50			61420	56240	47020	38950	32060	25940	20680	16110	12280		
2000-AV-86X	30							54280	44730	36540	29470	23550	18440	14190
	40							47080	38650	31420	25160	19920	15390	11620
	50							32040	25880	20540	16060	12180	8950	
3000-AV-86X	30			100970	92610	77790	64930	54010	44360	36090	28950	22970		
	40			87800	80500	67520	56220	46610	38100	30800	24480	19180		
	50			73270	67150	56250	46710	38560	31330	25120	19720	15200		
2500-AW-106X	30							68790	56480	45940	36300	29210	22620	17160
	40							59340	48490	39190	31130	24380	18530	13680
	50							39860	31930	25060	19290	14280		
3500-AW-106X	30			128500	117800	98830	82370	68390	56030	45450	36300	28650		
	40			111530	102180	85570	71110	58810	47910	38570	30470	23690		
	50			92840	85020	71060	58850	48430	39170	31210	24310	18510		
3000-AW-129X	30							82420	67690	55080	44180	35050	27170	20620
	40							71130	58140	47000	37360	29280	22280	16470
	50							47820	38330	30100	23200	17210		
4000-AW-129X	30			154330	141490	118740	98980	82210	67390	54700	43720	35400		
	40			134000	122780	102860	85510	70740	57670	46460	36750	28620		
	50			111600	102210	85470	70820	58310	47200	37660	29370	22420		
4000-AW-154X	30						123620	102840	84480	68750	55150	43770	33930	25770
	40						107070	88780	72580	58680	46650	36580	27850	20610
	50						73470	59700	47880	37810	29000	21520		
5000-AW-154X	30			190480	174610	146490	122070	101340	83020	67330	53770	42420		
	40			165310	151440	126820	105370	87120	70970	57110	45110	35060		
	50			137590	125980	105290	87190	71720	58000	46200	35960	27360		
4000-AZ-172X	30						136260	113370	93140	75810	60830	48300	37460	28470
	40						118040	97890	80040	64740	51480	40380	30770	22790
	50						98110	81030	65870	52840	41530	32040	23810	
5000-AZ-172X	30			209930	192440	161460	134550	111720	91530	74250	59300	46800		
	40			182200	166920	139800	116170	96060	78260	62990	49770	38700		
	50			151670	138880	116090	96140	79100	63980	50980	39700	30230		
6000-AZ-205X	30						166910	138870	114080	92850	74500	59150	45870	34850
	40						144580	119890	98030	79280	63040	49440	37670	27890
	50						120160	99240	80660	64700	50850	39220	29140	
8000-AZ-205X	30			234080	196450	163780	136050	111540	90550	72390	57210			
	40			203150	170200	141510	117090	95470	78930	60880	47430			
	50			169140	141450	117230	96540	78170	62380	48680	37180			
AW66-50X	30						137600	113000	91900	72600	58400	45200	34300	
	40						118700	97000	78400	62200	48700	37100	27300	
	50						79700	63900	50100	38600	28500			
AW66-70HX	30			257000	235600	197700	165000	136800	112000	90900	72600	57300		
	40			223000	204300	171000	142000	117600	95800	77100	60900	47400		
	50			185700	170000	142000	117700	96800	78300	62400	48600	37000		
AW66-60X	30						164800	135400	110200	88400	70100	54300	41200	
	40						142300	116300	94000	74700	58500	44500	32900	
	50						95600	76600	60200	46400	34400			
AW66-80HX	30			308700	283000	237500	198000	164400	134800	109400	87400	70800		
	40			268000	245600	205700	171000	141500	115300	92900	73500	57200		
	50			223000	204400	171000	141600	116800	94400	75300	58700	44800		
AW66-80X	30						247200	205700	169000	137500	110300	87500	67900	51500
	40						214100	177600	145200	117300	93300	73200	55700	41200
	50						146900	119400	95800	75200	58000	43000		
AW66-100HX	30			381000	349000	293000	244000	202700	166000	134700	107500	84800		
	40			330600	303000	253600	211000	174200	142000	114200	90200	70100		
	50			275200	252000	210600	174400	143400	116000	92400	71900	54700		

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Operating Conditions 25°C Suction Gas Return
No subcooling

Compressor Model	Cond. Temp. °C	Refrigeration Capacity Watt												
		Evaporating Temperature °C												
		12.5	10	7	5	0	-5	-10	-15	-20	-25	-30	-35	-40
200-AL-50X	30	11100	10100	9190	8350	6860	5580	4470	3530	2730	2060			
	40	9600	8760	7960	7230	5920	4780	3820	2990	2280	1690			
	50	8200	7470	6790	6160	5020	4050	3210	2490	1880	1360			
300-AL-60X	30	15750	14370	13100	11880	9750	7910	6340	4990	3860	2890			
	40	13630	12410	11270	10220	8340	6710	5320	4140	3120	2270			
	50	11540	10480	9500	8590	6950	5530	4320	3290	2400	1650			
400-AL-65X	30	21900	19970	18190	16540	13600	11060	8890	7040	5470	4140			
	40	18940	17260	15680	14230	11640	9400	7470	5830	4430	3250			
	50	16020	14550	13200	11950	9680	7740	6060	4630	3400	2370			
400-AL-70X	30	25840	23540	21400	19440	15920	12880	10280	8070	6180	4600			
	40	22580	20510	18620	16860	13710	11010	8690	6700	5020	3590			
	50	19250	17470	15820	14280	11520	9150	7100	5350	3860	2600			
500-AL-75X	30	30400	27700	25250	22900	18810	15270	12230	9650	7450	5590			
	40	26350	24000	21800	19750	16100	12970	10280	7980	6030	4380			
	50	22300	20250	18360	16600	13430	10700	8350	6340	4630	3190			
750-AM-100X	30	44100	40200	36600	33240	27240	22100	17690	13920	10700	8020			
	40	38220	34800	31620	28680	23380	18800	14910	11580	8740	6350			
	50	32460	29520	26760	24240	19600	15650	12240	9320	6850	4750			
1000-AM-110X	30	42420	38660	35150	31920	26170	21230	16970	13340	10260	7670			
	40	37710	34300	31160	28260	23040	18530	14680	11370	8570	6200			
	50	32870	29880	27080	24460	19800	15800	12350	9400	6880	4750			
1000-AR-120X	30	54770	49930	45440	41310	33860	27540	22030	17390	13440	10100			
	40	48800	44470	40390	36620	29880	24120	19140	14900	11190	8240			
	50	42640	38760	35190	31820	25800	20600	16170	12350	9110	6370			
1500-AR-130X	30	65310	59590	54300	49350	40510	32970	26470	20900	16220	12260			
	40	58240	53140	48300	43900	35880	29010	23140	18100	13830	10220			
	50	51060	46500	42280	38270	31200	25060	19810	15300	11460	8220			
2000-AR-140X	30	79710	72760	62270	60160	49350	40100	32150	25330	19550	14690			
	40	70030	63830	58100	52640	43050	34780	27640	21570	16390	12010			
	50	60530	55100	50000	45260	36800	29520	23270	17900	13340	9410			
1000-AV-34X	30	43160	39390	35860	32600	26790	21770	17440	13760	10630	7980			
	40	37440	34140	31070	28230	23160	18740	14970	11740	8990	6660			
	50	31810	28970	26320	23910	19490	15690	12440	9670	7310	5320			
1200-AV-41X	30	51710	47160	42970	39060	32090	26140	21020	16610	12890	9730			
	40	45060	41110	37440	34000	27860	22600	18070	14200	10900	8120			
	50	38320	34880	31720	28790	23490	18980	15060	11730	8920	6550			
1300-AV-48X	30	61940	56460	51430	46690	38320	31110	24930	19670	15180	11410			
	40	54040	49200	44780	40650	33300	26930	21490	16810	12850	9500			
	50	46040	41950	38090	34550	28180	22700	17980	13980	10590	7740			
1800-AV-56X	30	71520	65290	59430	54040	44370	36040	28930	22840	17670	13300			
	40	62590	57110	51900	47160	38600	31210	24880	19440	14860	10950			
	50	53480	48640	44230	40090	32650	26280	20790	16080	12100	8750			
2500-AV-71X	30	97350	89110	80870	73550	60460	49220	39630	31460	24550	18720			
	40	86830	79380	71930	65300	53400	43240	34520	27100	20800	15490			
	50	75650	69040	62440	56560	46000	36920	29150	22520	16900	12150			
3000-AV-86X	30	115250	105510	95770	87110	71630	58350	47010	37360	29190	22290			
	40	102850	94040	85240	77400	63370	51310	41010	32240	24790	18520			
	50	89660	81850	74050	67100	54620	43890	34700	26860	20210	14600			
3500-AW-106X	30	141600	129130	117660	107030	88000	71700	57760	45910	35860	27390			
	40	126360	115240	104720	95100	77850	63050	50380	39600	30460	22750			
	50	110160	100470	90980	82440	67100	53920	42630	33000	24830	17930			
4000-AW-129X	30	170200	155100	141400	128600	105700	86060	69280	55000	42900	32700			
	40	151850	138300	125800	114200	93400	75600	60350	47360	36350	27070			
	50	132300	120500	109200	98900	80420	64540	50940	39350	29520	21200			
5000-AW-154X	30	205700	187800	171000	155700	128200	104600	84460	67320	52800	40550			
	40	172400	157400	142550	138630	113700	92300	73990	58400	45180	34040			
	50	160600	146560	132880	120520	98360	79300	62960	49040	37230	27260			
5000-AZ-172X	30	230230	209100	191490	174290	143500	117090	94540	75360	59100	45390			
	40	205810	186490	170780	155200	127290	103320	82830	65380	50580	38100			
	50	179800	162430	148750	134920	110100	88760	70480	54900	41670	30510			
8000-AZ-205X	30	282700	256770	235140	214010	176200	143780	116090	92530	72560	55740			
	40	252710	228990	209700	190570	156300	126860	101700	80280	62100	46780			
	50	220770	199450	182650	165670	135200	108990	86550	67420	51170	37470			
AW66-70HX	30	283200	258300	235300	214100	176000	143400	115500	91800	71700	54800			
	40	252700	230500	209400	190200	155700	126000	100800	79200	60900	45500			
	50	220300	200900	182000	164900	134200	107800	85300	66000	49700	35900			
AW66-80HX	30	340500	310200	282800	257200	211400	172100	138600	110000	85800	65400			
	40	303700	276700	251600	228400	186900	151200	120700	94700	72700	54100			
	50	264500	241000	218300	197800	160800	129100	101900	78700	59000	42400			
AW66-100HX	30	411300	375700	342100	311400	256600	209200	168900	134600	105600	81100			
	40	344900	314800	305100	277300	227400	184600	148000	116800	90400	68100			
	50	321200	293100	265800	241000	196700	158600	125900	98100	74500	54500			

R22 Semi-Hermetic 2-Stage Standard 50Hz

Operating Conditions 20°C Suction Gas Return
No subcooling

Compressor Model	Cond. Temp. °C	Refrigeration Capacity Watt								
		Evaporating Temperature °C								
		-20	-25	-30	-35	-40	-45	-50	-55	-60
ASR3-750	30			7640	6130	4870	3770	2860		
	40			7210	5810	4640	3630	2780		
	50			6710	5420	4410	3420	2600		
ASR3-1000	30			9760	7770	6110	4730	3590		
	40			9220	7380	5830	4550	3490		
	50			8570	6870	5460	4290	3320		
ASR3-1300	30			11460	9130	7170	5550	4220		
	40			10820	8650	6840	5340	4100		
	50			10050	8060	6410	5030	3890		
ASV4-1500	30	22070	17780	14200	11250	8800	6810	5210		
	40	20320	16410	13140	10430	8190	6350	4880		
	50	18520	15000	12040	9580	7540				
ASW6-2000	30	33800	27800	22700	18400	14800	11800	9400		
	40	32900	27000	22100	17900	14400	11400	9000		
	50	31700	26000	21200	17100	13700	10800			
ASW6-2500	30	40000	32600	26400	21200	16900	13300	10300		
	40	38800	31600	25600	20500	16200	12600	9700		
	50	37400	30500	24500	19500	15300	11800			
ASW6-3000	30	47770	39100	31700	25480	20200	15900	12350		
	40	46530	37950	30670	24550	19400	15160	11660		
	50	44860	36510	29380	23350	18300	14100			
ASZ8-3500	30	52380	43040	35380	28650	22940	18135	14160		
	40	50790	42020	34480	27860	22460	17810	13950		
	50	49040	40690	33455	27240	21925				
ASZ8-4000	30	62310	51445	42080	34075	27285	21575	16845		
	40	60415	49990	41015	33295	26720	21185	16590		
	50	58335	48405	39800	32405	26080				

R404A Semi-Hermetic 2-Stage Standard 50Hz

Operating Conditions 20°C Suction Gas Return
No subcooling

Compressor Model	Cond. Temp. °C	Refrigeration Capacity Watt								
		Evaporating Temperature °C								
		-30	-35	-40	-45	-50	-55	-60	-65	-70
ASR3-750X	30	8500	7150	5950	4850	3850	3000	2300	1800	1400
	40	7950	6700	5600	4550	3600	2800	2150	1700	
	50	7200	6050	5050	4150	3250	2550			
ASR3-1000X	30	10850	9150	7600	6200	4900	3800	2950	2300	1750
	40	10150	8550	7150	5800	4600	3600	2750	2150	
	50	9200	7750	6450	5250	4150	3250			
ASR3-1300X	30	12750	10750	8950	7300	5750	4500	3450	2700	2050
	40	11950	10050	8400	6850	5400	4200	3250	2550	
	50	10800	9100	7600	6200	4900	3800			
ASV4-1500X	30	15800	13300	11100	9050	7150	5550	4300	3350	2550
	40	14500	12200	10150	8300	6550	5100	3950	3050	
	50	12900	10850	9050	7400	5850	4550			
AWS6-2000X	30	23830	19560	15780	12490	9680	7360	5470	3970	2830
	40	21040	17210	13820	10930	8460	6460	4810	3470	
	50	18040	14730	11850	9390	7300	5540			
AWS6-2500X	30	28920	23740	19180	15170	11770	8930	6650	4840	3440
	40	25540	20890	16800	13260	10300	7840	5830	4220	
	50	21880	17890	14400	11400	8870	6730			
AWS6-3000X	30	34560	28400	22900	18120	14050	10680	7940	5780	4100
	40	30530	24970	20050	15850	12300	9370	6980	5040	
	50	26170	21360	17200	13620	10590	8040			
ASZ8-3500X	30	39300	33050	27550	22450	17700	13800	10650	8300	6300
	40	37950	31900	26600	21650	17100	13300	10250	8000	
	50	35800	30100	25100	20450	16150	12550			
ASZ8-4000X	30	46750	39300	32750	26650	21050	16400	12650	9850	7500
	40	45150	37950	31650	25750	20350	15850	12200	9500	
	50	42600	35800	29850	24300	19200	14950			

Technical Data & Dimensions ~ Semi-Hermetic 50Hz

Compressor Model	Nominal Power (HP/KW)	Displacement Volume (m³/h)	Connection Size		Oil Charge (litre)	Power Supply (V/Hz/Ψ)	Electrical Data			Overall Dim. A × B × C (mm)	Mounting Dim. E × D × Φ (mm)	Weight Net (Kg)
			Suc. Φ mm	Dis. Φ mm			MRA(1) (A)	LRA (A)	PWS (A)			
200-AL-50(X)	2/1.49	9.1	7/8"	1/2"	2.5	Δ/Y Δ220 ± 10% /50/3 Δ260 ± 10% /60/3 Y380 ± 10% /50/3 Y440 ± 10% /60/3	9.5/5.5	45/26		457 × 340 × 370	295 × 280 × 90	86
200-AL-60(X)	2/1.49	12.9	7/8"	1/2"	2.5		9.5/5.5	45/26		457 × 340 × 370	295 × 280 × 90	86
300-AL-60(X)	3/2.24	12.9	1 1/8"	5/8"	2.5		12.1/7.0	67.5/39		457 × 340 × 370	295 × 280 × 90	91
300-AL-65(X)	3/2.24	17.1	1 1/8"	5/8"	2.5		13.5/7.8	67.5/39		457 × 340 × 370	295 × 280 × 90	91
300-AL-70(X)	3/2.24	19.4	1 1/8"	5/8"	2.5		13.5/7.8	67.5/39		457 × 340 × 370	295 × 280 × 90	91
400-AL-65(X)	4/2.98	17.1	1 1/8"	5/8"	2.5		18.0/10.4	71/41		482 × 340 × 370	295 × 280 × 90	93
400-AL-70(X)	4/2.98	19.4	1 1/8"	5/8"	2.5		15.5/9.0	71/41		482 × 340 × 370	295 × 280 × 90	93
400-AL-75(X)	4/2.98	22.5	1 1/8"	5/8"	2.5		16.4/9.9	71/41		482 × 340 × 370	295 × 280 × 90	93
500-AL-70(X)	5/3.70	19.4	1 1/8"	5/8"	2.5		19.7/11.4	79.6/46		482 × 340 × 370	295 × 280 × 90	96
500-AL-75(X)	5/3.70	22.5	1 1/8"	5/8"	2.5		19.7/11.4	79.6/46		482 × 340 × 370	295 × 280 × 90	96
750-AM-100(X)	7.5/5.55	27.4	1 3/8"	1 1/8"	2.5		26.6/15.4	125/72		610 × 337 × 450	295 × 280 × 152	144
750-AM-110(X)	7.5/5.55	31.3	1 3/8"	1 1/8"	2.5		25.6/14.8	125/72		610 × 337 × 450	295 × 280 × 152	144
1000-AM-110(X)	10/7.40	31.3	1 3/8"	1 1/8"	2.5		32.1/18.6	142/82		610 × 337 × 450	295 × 280 × 152	150
750-AR-120(X)	7.5/5.5	40.9	1 3/8"	1 1/8"	3		32.5/18.8	125/72		705 × 356 × 470	381 × 305 × 169	158
1000-AR-120(X)	10/7.40	40.9	1 3/8"	1 1/8"	3	37.7/21.8	142/82		705 × 356 × 470	381 × 305 × 169	165	
1000-AR-130(X)	10/7.40	49.9	1 3/8"	1 1/8"	3	37.0/21.4	142/82		705 × 356 × 470	381 × 305 × 169	165	
1500-AR-130(X)	15/11.30	49.9	1 5/8"	1 1/8"	3	48.4/28.0	176/102		705 × 356 × 470	381 × 305 × 169	177	
1300-AR-140(X)	13/9.67	60.3	1 3/8"	1 1/8"	3	48.4/28.0	154/89		705 × 356 × 470	381 × 305 × 169	172	
2000-AR-140(X)	20/14.80	60.3	1 5/8"	1 1/8"	3	60.3/35	238/138		705 × 356 × 470	381 × 305 × 169	185	

Note: (1) For the selection of relay, cable and fuses, the MRA must be considered.

Technical Data & Dimensions ~ Semi-Hermetic

Compressor Model	Nominal Power (HP/KW)	Displacement Volume (m ³ /h)	Connection Size		Oil Charge (litre)	Power Supply (V/Hz/Ψ)	Electrical Data			Overall Dim. A × B × C (mm)	Mounting Dim. E × D × φ (mm)	Weight Net (Kg)
			Suc. φ mm	Dis. φ mm			MRA(1) (A)	LRA (A)	PWS (A)			
600-AV-34(X)	6/4.5	34	28	22	2.6	Δ/Y Δ220 ± 10% /50/3 Δ260 ± 10% /60/3 Y380 ± 10% /50/3 Y440 ± 10% /60/3	14	68	39	635 × 310 × 390	367 × 256 × φ 20.5	135
1000-AV-34(X)	10/7.4	34	28	22	2.6		21	99	59	635 × 310 × 390	367 × 256 × φ 20.5	145
800-AV-41(X)	8/6	41	35	28	2.6		17	81	49	635 × 310 × 390	367 × 256 × φ 20.5	140
1200-AV-41(X)	12/9	41	35	28	2.6		24	113	69	635 × 310 × 390	367 × 256 × φ 20.5	145
1000-AV-48(X)	10/7.4	48	35	28	2.6		21	99	59	635 × 310 × 390	367 × 256 × φ 20.5	145
1300-AV-48(X)	13/9.67	48	42	28	2.6		31	132	81	635 × 310 × 390	367 × 256 × φ 20.5	150
1300-AV-56(X)	13/9.67	56	35	28	2.6		24	113	69	635 × 310 × 390	367 × 256 × φ 20.5	150
1800-AV-56(X)	18/13.5	56	42	28	2.6		37	158	97	655 × 310 × 390	367 × 256 × φ 20.5	155
1500-AV-71(X)	15/11	71	42	28	7.5/4.5(1)		31	118	77.8	710 × 465 × 510/440	380 × 305 × φ 11	208
2500-AV-71(X)	25/18.5	71	54	35	7.5/4.5		45	172	113	710 × 465 × 530/460	380 × 305 × φ 11	215
2000-AV-86(X)	20/15	86	42	28	7.5/4.5	37	146	96.7	710 × 465 × 510/440	380 × 305 × φ 11	210	
3000-AV-86(X)	30/22	86	54	35	7.5/4.5	53	185	122	710 × 465 × 530/460	380 × 305 × φ 11	215	
2500-AW-106(X)	25/18.5	106	54	35	7.5/4.5	45	190	120	790 × 530 × 520/450	380 × 305 × φ 11	250	
3500-AW-106(X)	35/26	106	54	35	7.5/4.5	61	250	150	790 × 530 × 520/450	380 × 305 × φ 11	260	
3000-AW-129(X)	30/22	129	54	35	7.5/4.5	55	230	138	790 × 530 × 520/450	380 × 305 × φ 11	255	
4000-AW-129(X)	40/30	129	67	42	7.5/4.5	75	330	198	790 × 530 × 520/450	380 × 305 × φ 11	270	
4000-AW-154(X)	40/30	154	67	42	7.5/4.5	75	330	198	790 × 530 × 520/450	380 × 305 × φ 11	270	
5000-AW-154(X)	50/37	154	67	42	7.5/4.5	95	405	243	790 × 530 × 520/450	380 × 305 × φ 11	275	
4000-AZ-172(X)	40/30	172	67	42	8	90	300	198	845 × 515 × 605	458 × 305 × φ 11	300	
5000-AZ-172(X)	50/37	172	80	42	8	101	314	208	845 × 515 × 605	458 × 305 × φ 11	305	
6000-AZ-205(X)	60/44.5	205	80	54	8	114	366	241	845 × 515 × 605	458 × 305 × φ 11	320	
8000-AZ-205(X)	80/60	205	80	54	8	125	475	313	845 × 515 × 605	458 × 305 × φ 11	330	

Note: (1)The height dimensions and oil charge have two types designs:deep oil sump for using in ship,fleet oil ship, fleet oil sump.

(2)For the selection of relay,cable and fuses,the MRA must be considered.



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