

# Model Number System

Family Release Variant : A = 1 st., B = 2 nd., etc.

- Abbreviated Nominal Rated BTU Capacity at 60Hz.
- In this example (4) total digits, with the first two (40) indicating 4,000 BTU/Hr. capacity.

AE A 4 4 40 Y - 1

## Electricity Supply Code

None - 220 - 240V/50Hz

-1 - 115V/60Hz

-2 - 208-230V/60Hz

-3 - 100V/50-60Hz

-4 - 110V/60Hz

-5 - 127V/60Hz

-6 - 220V/50-60Hz

-7 - 127V/50-60Hz

-8 - 110-115V/60Hz

## 3PHASE

-9 = 380-420V/50Hz , 480V/60Hz

-XG = 380-420V/50Hz , 440-460V/60Hz

-XT = 200-220V/50Hz , 220-230V/60Hz

-XI = 380V/60Hz

-XK = 480V/60Hz

-SR = Start & Run Capacitor.

## Refrigerant

A,V - R12

E - R22

Y - R134a

Z - R404A/R507

G - R22/R407C

M - R600a

N - R290

B - R410A

## Application

- 1 = Low Back Pressure. Motor With Normal Starting Torque.
- 2 = Low Back Pressure. Motor With High Starting Torque.
- 3 = High Back Pressure. Motor With Normal Starting Torque.
- 4 = High Back Pressure. Motor With High Starting Torque.
- 5 = Air Conditioning. Motor With Normal Starting Torque.
- 6 = Medium Back Pressure. Motor With Normal Starting Torque.
- 7 = Medium Back Pressure. Motor With High Starting Torque.
- 8 = Air Conditioning (High eff.) Motor with Normal Starting Torque.
- 9 = Commercial Back Pressure. Motor with High Starting Torque.
- 0 = Commercial Back Pressure. Motor with Normal Starting Torque.

Compressor Family : AZ-AZA-AE-BA-CA-WJ-AW-KA-LA

**OUR VISION :** To be the leader in the motor compressor business in ASEAN

# AW Series

Model	Voltage	Hz.	App.	Motor Type	Disp. (CC)	Cooling (BTU/Hr)	Cooling (W)	Input (W)	EER.	RLA (A)	LRA (A)	Start CAP.		Run CAP.		Dim. "A"
												MFD	VAC.	MFD	VAC.	
<b>AW SERIES</b>																
<b>R 134a</b>																
<i>220-240 V/50 Hz. (MEDIUM BACK PRESSURE)</i>																
AW 4495YK	220-240	50	MBP	C.S.R.	30.50	3,580	1,049	680	5.26	3.5	33	88-106	330	20	370/440	289
AW 4513YK	220-240	50	MBP	C.S.R.	35.60	4,570	1,339	742	6.16	3.9	50	88-106	330	30	370/440	289
AW 4514YK	220-240	50	MBP	C.S.R.	37.50	4,770	1,398	745	6.40	3.9	54	88-106	330	35	370/440	324
AW 4515YK	220-240	50	MBP	C.S.R.	39.60	5,350	1,568	847	6.32	4.2	54	88-106	330	35	370/440	324
AW 4517YK	220-240	50	MBP	C.S.R.	48.40	7,330	2,148	1,050	6.98	4.9	35	108-130	330	20	370/440	324
<i>220-240 V/50 Hz. (HIGH BACK PRESSURE)</i>																
AW 4495YK	220-240	50	HBP	C.S.R.	30.50	8,120	2,380	851	9.54	4.4	33	88-106	330	20	370/440	289
AW 4513YK	220-240	50	HBP	C.S.R.	35.60	10,540	3,089	1,051	10.03	5.2	50	88-106	330	30	370/440	289
AW 4514YK	220-240	50	HBP	C.S.R.	37.50	11,370	3,332	1,104	10.30	5.4	54	88-106	330	35	370/440	324
AW 4515YK	220-240	50	HBP	C.S.R.	39.60	12,030	3,526	1,190	10.11	5.7	54	88-106	330	35	370/440	324
AW 4517YK	220-240	50	HBP	C.S.R.	48.40	14,660	4,297	1,487	9.86	6.8	35	108-130	330	20	370/440	324
<i>208-230 V/60 Hz. (HIGH BACK PRESSURE)</i>																
AW 4495YK-2	208-230	60	HBP	C.S.R.	30.50	9,980	2,925	1,075	9.28	5.2	47	130-156	330	30	370/440	289
AW 4513YK-2	208-230	60	HBP	C.S.R.	35.60	12,420	3,640	1,304	9.52	6.0	73	108-130	330	35	370/440	289
AW 4517YK-2	208-230	60	HBP	C.S.R.	48.40	17,060	5,000	1,760	9.69	8.0	73	130-156	330	35	370/440	324

<b>AW SERIES</b>																
<b>R 22</b>																
<i>220-240 V/50 Hz. (HIGH BACK PRESSURE)</i>																
AW 4515EK	220-240	50	HBP	C.S.R.	30.50	13,930	4,083	1,390	10.02	6.5	33	108-130	330	25	370/440	289
AW 4517EK	220-240	50	HBP	C.S.R.	32.70	15,140	4,437	1,536	9.86	7.6	50	108-130	330	30	370/440	289
AW 4519EK	220-240	50	HBP	C.S.R.	35.60	16,490	4,833	1,688	9.77	8.3	50	108-130	330	25	370/440	289
AW 4520EK	220-240	50	HBP	C.S.R.	37.50	17,740	5,199	1,738	10.21	8.0	54	108-130	330	35	370/440	324
AW 4522EK	220-240	50	HBP	C.S.R.	39.60	19,330	5,665	1,895	10.20	8.7	54	108-130	330	35	370/440	324
AW 4524EK	220-240	50	HBP	C.S.R.	43.10	20,950	6,140	2,089	10.03	9.6	51	108-130	330	45	370/440	324
AW 4528EK	220-240	50	HBP	C.S.R.	48.40	24,250	7,107	2,415	10.04	11.8	67	130-165	330	35	370/440	324
AW 4530EK	220-240	50	HBP	C.S.R.	50.60	25,000	7,327	2,498	10.01	12.0	73	88-106	330	50	370/440	324
AW 4532EK	220-240	50	HBP	C.S.R.	53.50	26,850	7,869	2,678	10.03	12.9	73	130-156	330	50	370/440	324
AW 5513EK	220-240	50	HBP	P.S.C.	27.80	12,060	3,535	1,270	9.50	6.4	32	No	No	20	370/440	289
AW 5515EK	220-240	50	HBP	P.S.C.	30.50	13,930	4,083	1,390	10.02	6.5	33	No	No	25	370/440	289
AW 5517EK	220-240	50	HBP	P.S.C.	32.70	15,010	4,399	1,500	10.01	7.0	35	No	No	30	370/440	289
AW 5519EK	220-240	50	HBP	P.S.C.	35.60	16,490	4,833	1,688	9.77	8.3	50	No	No	30	370/440	289
AW 5520EK	220-240	50	HBP	P.S.C.	37.50	17,740	5,199	1,738	10.21	8.0	54	No	No	35	370/440	324
AW 5522EK	220-240	50	HBP	P.S.C.	39.60	19,330	5,665	1,895	10.20	8.7	54	No	No	35	370/440	324
AW 5524EK	220-240	50	HBP	P.S.C.	43.10	20,950	6,140	2,089	10.03	9.6	51	No	No	45	370/440	324
AW 5528EK	220-240	50	HBP	P.S.C.	48.40	24,250	7,107	2,415	10.04	11.8	67	No	No	35	370/440	324
AW 5530EK	220-240	50	HBP	P.S.C.	50.60	25,000	7,327	2,498	10.01	12.0	73	No	No	50	370/440	324
AW 5532EK	220-240	50	HBP	P.S.C.	53.50	26,850	7,869	2,678	10.03	12.9	73	No	No	50	370/440	324
AW 5535EK	220-240	50	HBP	P.S.C.	59.00	29,660	8,693	3,100	9.57	15.4	85	No	No	60	370/440	324
AW 5538EK	220-240	50	HBP	P.S.C.	63.00	31,500	9,232	3,100	10.16	15.0	85	108-130	330	60	370/440	324
<i>208-230 V/60 Hz. (HIGH BACK PRESSURE)</i>																
AW 4528EK-2	208-230	60	HBP	C.S.R.	48.40	27,800	8,148	2,780	10.00	12.9	73	130-156	330	35	370/440	324
AW 4532EK-2	208-230	60	HBP	C.S.R.	53.50	31,970	9,370	3,228	9.90	15.2	89	130-156	330	50	370/440	324
AW 5513EK-2	208-230	60	HBP	P.S.C.	27.80	14,750	4,323	1,470	10.03	6.8	40	No	No	25	370/440	289
AW 5515EK-2	208-230	60	HBP	P.S.C.	30.50	16,610	4,868	1,695	9.80	8.5	47	No	No	25	370/440	289
AW 5517EK-2	208-230	60	HBP	P.S.C.	32.70	18,220	5,340	1,850	9.85	8.4	47	No	No	30	370/440	289
AW 5519EK-2	208-230	60	HBP	P.S.C.	35.60	19,640	5,756	2,039	9.63	9.3	48	No	No	35	370/440	289
AW 5520EK-2	208-230	60	HBP	P.S.C.	37.50	20,400	5,979	2,030	10.05	9.5	52	No	No	35	370/440	324
AW 5522EK-2	208-230	60	HBP	P.S.C.	39.60	22,240	6,518	2,250	9.88	10.1	52	No	No	30	370/440	324
AW 5524EK-2	208-230	60	HBP	P.S.C.	43.10	24,220	7,098	2,420	10.01	12.0	76	No	No	40	370/440	324
AW 5528EK-2	208-230	60	HBP	P.S.C.	48.40	27,870	8,168	2,830	9.85	12.9	66	No	No	40	370/440	324
AW 5532EK-2	208-230	60	HBP	P.S.C.	53.50	31,970	9,370	3,228	9.90	15.2	89	No	No	50	370/440	324
AW 5530EK-2	208-230	60	HBP	P.S.C.	50.60	30,367	8,900	3,035	10.01	14.5	89	No	No	50	370/440	324
AW 5535EK-2	208-230	60	HBP	P.S.C.	59.00	34,800	10,199	3,640	9.56	17.0	90	No	No	60	370/440	324

## AW Series

Model	Voltage	Hz.	App.	Motor Type	Disp. (CC)	Cooling (BTU/Hr)	Cooling (W)	Input (W)	EER.	RLA (A)	LRA (A)	Start CAP.		Run CAP.		Dim. "A"
												MFD	VAC.	MFD	VAC.	
<b>AW SERIES</b>																
<b>R 22</b>																
<i>220 V/50-60 Hz. (HIGH BACK PRESSURE)</i>																
AW 5515EK-6	220	50	HBP	P.S.C.	30.50	13,940	4,086	1,397	9.98	6.7	13	No	No	25	370/440	324
	220	60	HBP	P.S.C.	30.50	16,200	4,748	1,631	9.93	7.5	16	No	No	25	370/440	324
AW 5520EK-6	220	50	HBP	P.S.C.	37.50	17,810	5,220	1,807	9.86	9.4	59	No	No	35	370/440	324
	220	60	HBP	P.S.C.	37.50	20,400	5,979	2,030	10.05	9.5	52	No	No	35	370/440	324
AW 5522EK-6	220	50	HBP	P.S.C.	39.60	18,710	5,484	1,897	9.86	9.6	61	No	No	30	370/440	324
	220	60	HBP	P.S.C.	39.60	21,700	6,360	2,160	10.05	10.1	52	No	No	30	370/440	324
AW 5528EK-6	220	50	HBP	P.S.C.	48.40	23,810	6,978	2,370	10.05	11.8	70	No	No	35	370/440	324
	220	60	HBP	P.S.C.	48.40	28,130	8,244	2,807	10.02	12.9	65	No	No	35	370/440	324
AW 5530EK-6	220	50	HBP	P.S.C.	50.60	25,419	7,450	2,631	9.66	14.1	80	No	No	45	370/440	324
	220	60	HBP	P.S.C.	50.60	30,060	8,810	3,021	9.95	13.9	78	No	No	45	370/440	324
<i>380-420 V/50 Hz, 460V/60Hz.-3PHASE (HIGH BACK PRESSURE)</i>																
AW 5522E-9	380-420	50	HBP	3PHASE	39.60	17,550	5,144	1,700	10.32	2.8	24	No	No	No	No	324
	460	60	HBP	3PHASE	39.60	21,200	6,213	2,020	10.50	2.8	24	No	No	No	No	324
AW 5524E-9	380-420	50	HBP	3PHASE	43.10	19,795	5,802	1,918	10.32	3.4	24	No	No	No	No	324
	460	60	HBP	3PHASE	43.10	23,572	6,909	2,278	10.35	3.4	24	No	No	No	No	324
AW 5528E-9	380-420	50	HBP	3PHASE	48.40	23,203	6,800	2,230	10.40	3.9	31	No	No	No	No	324
	460	60	HBP	3PHASE	48.40	28,219	8,271	2,670	10.57	3.9	31	No	No	No	No	324
AW 5532E-9	380-420	50	HBP	3PHASE	53.50	25,385	7,440	2,520	10.07	4.4	31	No	No	No	No	324
	460	60	HBP	3PHASE	53.50	31,000	9,086	3,030	10.23	4.4	31	No	No	No	No	324

<b>AW SERIES</b>																
<b>R 404A</b>																
<i>220-240 V/50 Hz. (LOW BACK PRESSURE)</i>																
AW 2450ZK	220-240	50	LBP	C.S.R.	37.50	4,240	1,243	929	4.56	4.4	32	108-130	330	15	370/440	289
AW 2462ZK	220-240	50	LBP	C.S.R.	39.60	5,200	1,524	1,116	4.66	5.1	32	108-130	330	20	370	289
AW 2464ZK	220-240	50	LBP	C.S.R.	43.10	5,390	1,580	1,280	4.21	6.9	43	130-156	330	30	370/440	324
AW 2495ZK	220-240	50	LBP	C.S.R.	53.50	7,920	2,321	1,613	4.91	8.0	56	145-174	330	25	440	324
<i>208-230 V/60 Hz. (LOW BACK PRESSURE)</i>																
AW 2450ZK-2	208-230	60	LBP	C.S.R.	37.50	5,370	1,574	1,260	4.26	7.2	54	161-193	220/250	20	370/440	289
AW 2462ZK-2	208-230	60	LBP	C.S.R.	39.60	5,800	1,700	1,330	4.36	7.6	54	161-193	220/250	20	370/440	289
AW 2464ZK-2	208-230	60	LBP	C.S.R.	43.10	6,610	1,937	1,475	4.48	8.1	54	161-193	220/250	20	370/440	289
<i>208-230 V/60 Hz. (MEDIUM BACK PRESSURE)</i>																
AW 7512Z-2	208-230	60	MBP	C.S.R.	37.50	12,200	3,576	2,136	5.71	11.9	58	161-193	330	25	440	289
AW 7516Z-2	208-230	60	MBP	C.S.R.	53.50	15,960	4,678	2,520	6.33	11.5	65	161-193	330	40	440	324
<i>220-240 V/50 Hz. (MEDIUM BACK PRESSURE)</i>																
AW 7512Z	220-240	50	MBP	C.S.R.	37.50	9,900	2,902	1,687	5.87	8.4	42	130-156	330	30	440	289
AW 7514Z	220-240	50	MBP	C.S.R.	43.10	12,500	3,664	2,034	6.15	10.0	48	130-156	330	40	440	289
AW 7516Z	220-240	50	MBP	C.S.R.	53.50	19,100	5,598	3,008	6.35	15.0	52	130-156	330	40	440	324
<i>380-420 V/50 Hz, 460V/60Hz.-3PHASE (LOW BACK PRESSURE)</i>																
AW 2450Z-9	380-420	50	LBP	3PHASE	37.50	4,504	1,320	925	4.87	1.9	24	No	No	No	No	324
	460	60	LBP	3PHASE	37.50	4,879	1,430	1,025	4.76	1.8	24	No	No	No	No	324
AW 2464Z-9	380-420	50	LBP	3PHASE	43.10	5,541	1,624	1,140	4.86	2.1	24	No	No	No	No	324
	460	60	LBP	3PHASE	43.10	5,971	1,750	1,260	4.74	2.1	24	No	No	No	No	324
AW 2495Z-9	380-420	50	LBP	3PHASE	53.50	7,813	2,290	1,520	5.14	3.1	31	No	No	No	No	324
	460	60	LBP	3PHASE	53.50	8,291	2,430	1,680	4.94	3.1	31	No	No	No	No	324
AW 2510Z-9	380-420	50	LBP	3PHASE	59.00	8,564	2,510	1,690	5.07	3.1	35	No	No	No	No	324
	460	60	LBP	3PHASE	59.00	10,031	2,940	1,990	5.04	3.1	35	No	No	No	No	324

<b>AW SERIES</b>																
<b>R 407C</b>																
<i>220-240 V/50 Hz. (MEDIUM BACK PRESSURE)</i>																
AW 4515GK	220-240	50	MBP	C.S.R.	30.50	6,580	1,928	1,046	6.29	4.9	33	108-130	330	25	370/440	289
AW 4517GK	220-240	50	MBP	C.S.R.	32.70	6,990	2,049	1,196	5.84	6.3	50	108-130	330	30	370/440	289
AW 4519GK	220-240	50	MBP	C.S.R.	35.60	8,390	2,459	1,320	6.36	6.2	50	108-130	330	25	370/440	289
AW 4520GK	220-240	50	MBP	C.S.R.	37.50	9,010	2,641	1,349	6.68	6.2	54	108-130	330	35	370/440	324
AW 4522GK	220-240	50	MBP	C.S.R.	39.60	9,760	2,860	1,334	7.32	6.2	54	108-130	330	35	370/440	324
AW 4524GK	220-240	50	MBP	C.S.R.	43.10	10,630	3,115	1,685	6.31	7.8	51	108-130	330	45	370/440	324
AW 4528GK	220-240	50	MBP	C.S.R.	48.40	12,390	3,631	1,865	6.64	9.3	67	130-156	330	35	370/440	324
AW 4532GK	220-240	50	MBP	C.S.R.	53.50	13,810	4,047	2,103	6.57	10.2	73	130-156	330	50	370/440	324

# AW Series

Model	Voltage	Hz.	App.	Motor Type	Disp. (CC)	Cooling (BTU/Hr)	Cooling (W)	Input (W)	EER.	RLA (A)	LRA (A)	Start CAP.		Run CAP.		Dim. "A"
												MFD	VAC.	MFD	VAC.	
<b>AW SERIES</b>																
<b>R 407C</b>																
208-230 V/60 Hz. (MEDIUM BACK PRESSURE)																
AW 4524GK-2	208-230	60	MBP	C.S.R.	43.10	12,500	3,664	1,948	6.42	10.0	76	108-130	330	35	370/440	324
AW 4528GK-2	208-230	60	MBP	C.S.R.	48.40	14,920	4,373	2,195	6.80	10.0	73	130-156	330	35	370/440	324
AW 4532GK-2	208-230	60	MBP	C.S.R.	53.50	16,660	4,883	2,594	6.42	12.4	89	130-156	330	50	370/440	324
208-230 V/60 Hz. (HIGH BACK PRESSURE)																
AW 4524GK-2	208-230	60	HBP	C.S.R.	43.10	24,220	7,098	2,420	10.01	12.0	76	108-130	330	35	370/440	324
AW 4519GK-2	208-230	60	HBP	C.S.R.	48.40	27,800	8,148	2,780	10.00	10.0	73	130-156	330	35	370/440	324
AW 4532GK-2	208-230	60	HBP	C.S.R.	53.50	31,970	9,370	3,228	9.90	15.2	89	130-156	330	50	370/440	324
AW 5519GK-2	208-230	60	HBP	P.S.C.	35.60	16,970	4,974	1,951	8.70	9.1	70	No	No	30	370/440	289
220-240 V/50 Hz. (HIGH BACK PRESSURE)																
AW 4515GK	220-240	50	HBP	C.S.R.	30.50	13,930	4,083	1,390	10.02	6.5	33	108-130	330	25	370/440	289
AW 4517GK	220-240	50	HBP	C.S.R.	32.70	15,140	4,437	1,536	9.86	7.6	50	108-130	330	30	370/440	289
AW 4519GK	220-240	50	HBP	C.S.R.	35.60	16,490	4,833	1,688	9.77	8.3	50	108-130	330	25	370/440	289
AW 4520GK	220-240	50	HBP	C.S.R.	37.50	17,740	5,199	1,738	10.21	8.0	54	108-130	330	35	370/440	324
AW 4522GK	220-240	50	HBP	C.S.R.	39.60	19,330	5,665	1,895	10.20	8.7	54	108-130	330	35	370/440	324
AW 4524GK	220-240	50	HBP	C.S.R.	43.10	20,950	6,140	2,089	10.23	9.6	51	108-130	330	45	370/440	324
AW 4528GK	220-240	50	HBP	C.S.R.	48.40	24,250	7,107	2,415	10.04	11.9	67	130-156	330	35	370/440	324
AW 4532GK	220-240	50	HBP	C.S.R.	53.50	26,850	7,869	2,678	10.03	12.9	73	130-156	330	50	370/440	324
AW 5513GK	220-240	50	HBP	P.S.C.	30.50	11,530	3,379	1,317	8.75	6.2	33	No	No	25	370/440	289
AW 5515GK	220-240	50	HBP	P.S.C.	32.70	12,960	3,798	1,483	8.74	7.4	50	No	No	30	370/440	289
AW 5517GK	220-240	50	HBP	P.S.C.	35.60	14,220	4,168	1,626	8.75	8.0	50	No	No	30	370/440	289
AW 5518GK	220-240	50	HBP	P.S.C.	37.50	15,440	4,525	1,646	9.38	7.6	54	No	No	35	370/440	324
AW 5519GK	220-240	50	HBP	P.S.C.	39.60	16,880	4,947	1,808	9.34	8.3	54	No	No	35	370/440	324
AW 5520GK	220-240	50	HBP	P.S.C.	43.10	17,940	5,258	1,983	9.05	9.1	51	No	No	45	370/440	324
AW 5525GK	220-240	50	HBP	P.S.C.	48.40	21,340	6,254	2,263	9.43	11.1	67	No	No	35	370/440	324
AW 5527GK	220-240	50	HBP	P.S.C.	50.60	22,510	6,597	2,403	9.37	11.5	73	No	No	50	370/440	324

## AW SERIES

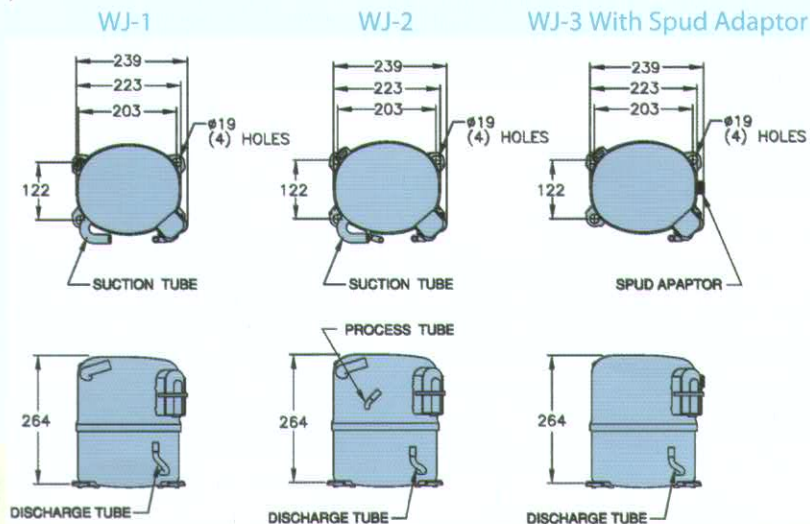
## R 410A

220-240 V/50 Hz. (HIGH BACK PRESSURE)

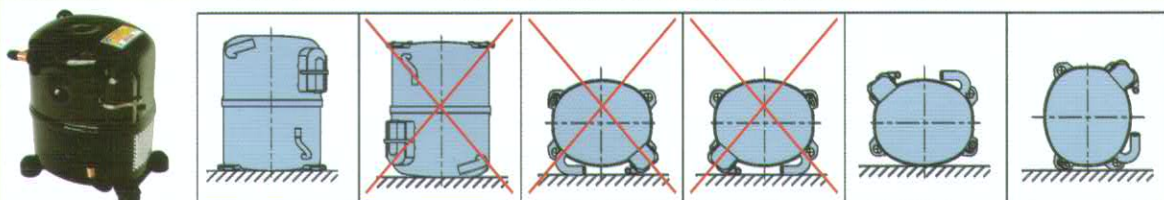
AW 5520B	220-240	50	HBP	P.S.C.	27.8	17,400	5,100	1,770	9.83	8.4	52	88-106	330	30	370/440	324
AW 5522B	220-240	50	HBP	P.S.C.	30.5	18,900	5,539	1,990	9.50	9.4	51	88-106	330	45	370/440	324
AW 5524B	220-240	50	HBP	P.S.C.	32.7	20,500	6,008	2,190	9.36	10.3	51	88-106	330	45	370/440	324
AW 5528B	220-240	50	HBP	P.S.C.	35.6	24,600	7,210	2,455	10.02	12.1	67	88-106	330	35	370/440	324
AW 5530B	220-240	50	HBP	P.S.C.	37.5	25,300	7,415	2,550	9.92	12.7	73	88-106	330	50	370/440	324
AW 5532B	220-240	50	HBP	P.S.C.	39.6	27,000	7,913	2,750	9.82	13.5	73	88-106	330	50	370/440	324
AW 5535B	220-240	50	HBP	P.S.C.	43.1	29,500	8,646	3,000	9.83	15.0	85	88-106	330	35	370/440	324
AW 5540B	220-240	50	HBP	P.S.C.	48.4	33,800	9,906	3,530	9.58	17.0	85	88-106	330	60	370/440	324
AW 5542B	220-240	50	HBP	P.S.C.	50.6	35,200	10,317	3,700	9.51	18.0	85	88-106	330	60	370/440	324

## WJ Compressor

General Dimensions (mm.)



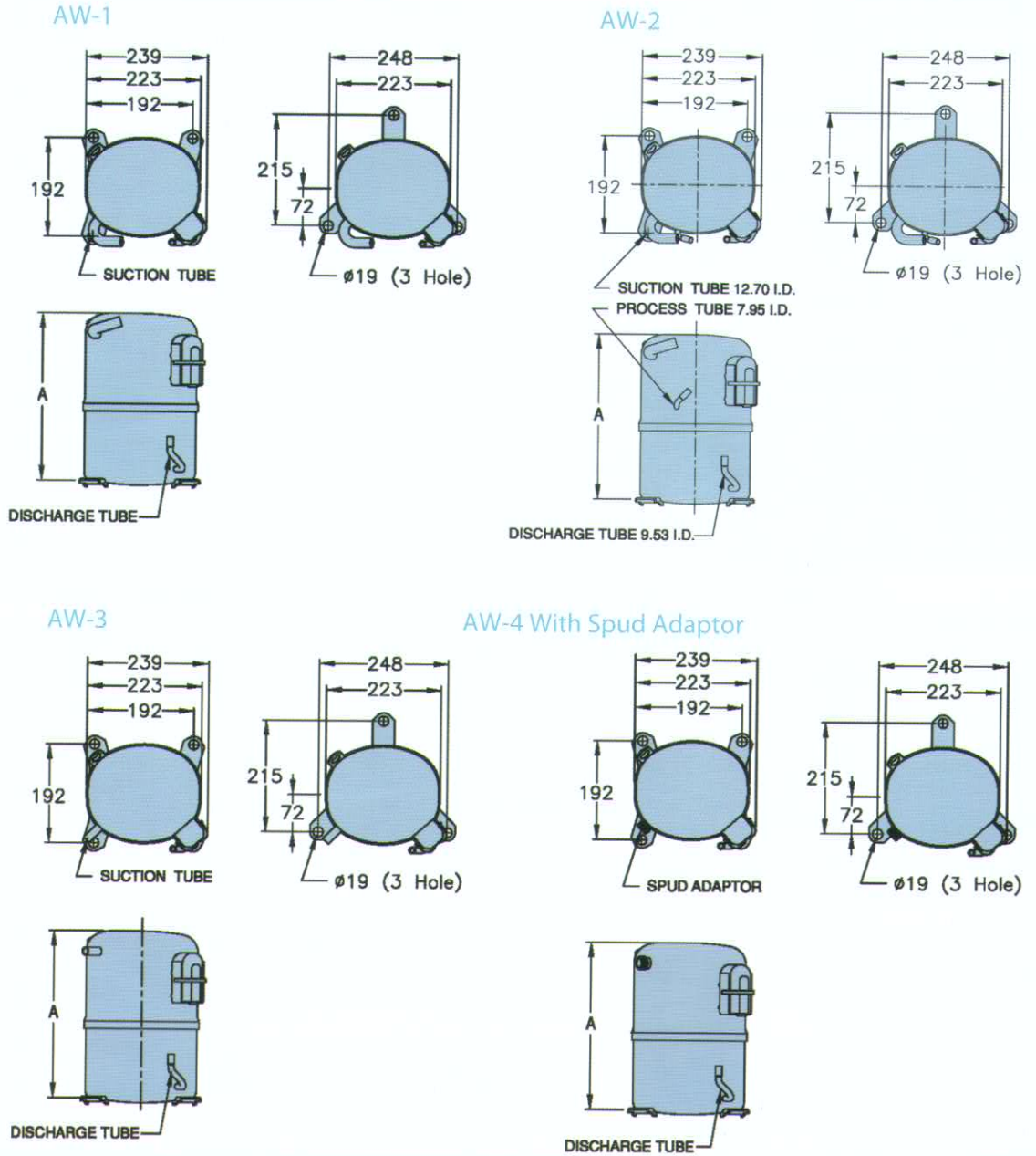
## Allowable Positions For Shipping After Compressor Assembly



# AW Series

## AW Compressor

### General Dimensions (mm.)



### Allowable Positions For Shipping After Compressor Assembly

