



Tecumseh

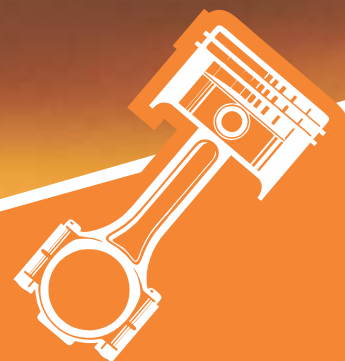


RECIPROCATING
TECHNOLOGY



*Cooling
for a Better
Tomorrow™*

COMPRESSORS



AIR CONDITIONING
SEGMENT

Compressors - Air Conditioning Application (AW Series)

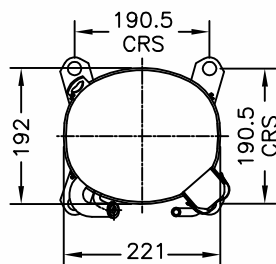
MODEL	DIS./REV.	CAPACITY	CURRENT POWER		EER	CIRCUIT	VOLTAGE	RUN CAPACITOR	START CAPACITOR	PTC RELAY	POTENTIAL RELAY	OIL QTY
	cc	Btu/hr	Amps	Watts	Btu/w hr		Range @ 46°C	Mfd,VAC	Mfd,VAC			cc
							Volts					
230V, 1Ph / 50Hz / R22 / HBP												
AWQ 5515 EGE	32.70	13000	06.30	1400	09.29	PSC	180-264	25,440	80/100,275*	NA	RVA4G3D*	1140
AWQ 5522 EGE	43.26	19000	08.50	1930	09.84	PSC	180-264	36,440	80/100,275*	NA	RVA4G3D*	1140
AWR 5524 EGE	43.26	20700	10.00	2080	09.95	PSC	180-264	36,440	80/100,275*	NA	RVA4G3D*	1140
AWR 5528 EGH	48.43	23100	10.50	2360	09.79	PSC	187-264	35,370	NA	NA	NA	1140
AWR 5530 EGH	50.60	25200	11.70	2560	09.84	PSC	187-264	45,440	80/100,275*	NA	RVA4G3D*	1140
AWR 5532 EGH	54.30	26800	12.20	2720	09.85	PSC	187-264	45,440	120/150,275*	AASR 02	RVA4G3D*	1140
AWR 5535 EGH	59.00	29500	13.20	2975	09.92	PSC	187-264	45,440	120/150,275	AASR 02	RVA4G3D*	1140
AWR 5538 EXC	63.00	31500	14.20	3200	09.84	PSC	198-264	50,370	145/175,330	AASR 02	RVA4G3D*	1140
230V, 1Ph / 60Hz / R22 / HBP												
AWZ 5516 EXN	30.60	1.87	07.00	1580	10.13	PSC	197-254	20,370	NA	NA	NA	1140
AWZ 5520 EXN	39.60	2.42	09.70	2075	09.83	PSC	197-254	35,370	120/150,330	NA	RVA4G3D*	1140
AWZ 5522 EXN	39.60	2.42	10.00	2160	10.42	PSC	197-254	35,370	88/108,330*	NA	3ARR3-U3P2*	1140
AWZ 5524 EXN	43.26	2.64	11.00	2480	09.92	PSC	197-254	35,370	88/108,330*	NA	3ARR3-U3P2*	1140
AWZ 5528 EXN	50.60	3.09	13.00	2830	09.71	PSC	197-254	35,370	88/108,330*	NA	3ARR3-U3P2*	1140
AWZ 5530 EXN	50.60	3.09	13.20	2910	10.41	PSC	197-254	45,370	88/108,330*	NA	3ARR3-U3P2*	1140
AWZ 5532 EXN	54.30	3.31	14.50	3200	10.00	PSC	197-254	45,370	145/175,330	NA	RVA3G3D*	1140
AWZ 5535 EXN	59.00	3.60	15.40	3500	10.00	PSC	197-254	45,370	145/175,330	AASR 02	RVA3G3D*	1140
AWZ 5538 EXN	63.00	3.84	18.30	3800	10.00	PSC	197-254	45,370	145/175,330	AASR 02	RVA3G3D*	1140
230V, 1Ph / 50/60Hz / R22 / HBP												
AWZ 5542 EXN, 50 Hz	68.02	35660	20.00	3500	10.19	CSR	180-242	45,370	145/175,330	NA	RVA3G3D	1150
AWZ 5542 EXN, 60 Hz	68.02	42800	18.50	4196	10.20	CSR	197-254	45,370	145/175,330	NA	RVA3G3D	1140
MODEL	DIS./REV.	CAPACITY	CURRENT POWER		EER	CIRCUIT	VOLTAGE	CONTACTOR		OVER LOAD RELAY		OIL QTY
	cc	Btu/hr	Amps	Watts	Btu/w hr		Range @ 46°C	Type	Coil Voltage	Type	Range	cc
							Volts		Volts		Amps	
400V, 3 Ph / 50Hz / R22 / HBP												
AWS5522EGF	39.60	18340	3.00	1850	09.91	3Φ	340-460	ML1-16A	200-230	VMN2	3.0-5.0	1140
AWS5530EGF	50.60	24200	3.80	2365	10.23	3Φ	340-460	ML1-16A	200-230	VMN2	4.5-7.5	1140
AWS5535EGF	59.00	29200	4.90	2900	10.07	3Φ	340-460	ML1-16A	200-230	VMN2	6.0-10.0	1140
AWS5538EGF	63.00	31200	5.30	3120	10.00	3Φ	340-460	ML1-16A	200-230	VMN2	6.0-10.0	1140
AWZ5542EXG, 50Hz	68.02	35660	6.00	3500	10.19	3Φ	342-462	ML1-16A	220-230V	MN2	6.0-10.0	1150
AWZ5542EXG, 60Hz	68.02	42800	7.20	4196	10.20	3Φ	396-506	ML1-16A	220-230V	MN2	6.0-10.0	1150

*Optional.

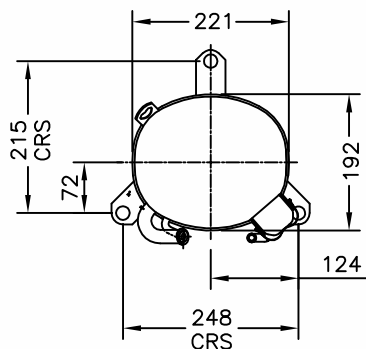
COMPRESSOR RATING CONDITIONS	
Evaporating Temperature	7.2°C
Condensing Temperature	54.4°C
Sub Cooling Temperature	46.1°C
Ambient Temperature	35°C

NOTES
1.The compressor confirms to IS: 10617 - 1983, Part - 1
2.Values of Cooling Capacity, current and power input are nominal and subject to variation of ± 5%
3.Voltage refers to the terminal volts and the compressor can start and run upto 54°C within specified voltage range
4.The product specification do not conform to any regulatory requirements other than those mentioned

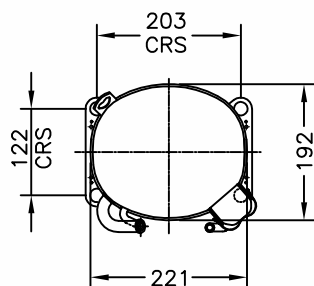
PHYSICAL DIMENSIONS



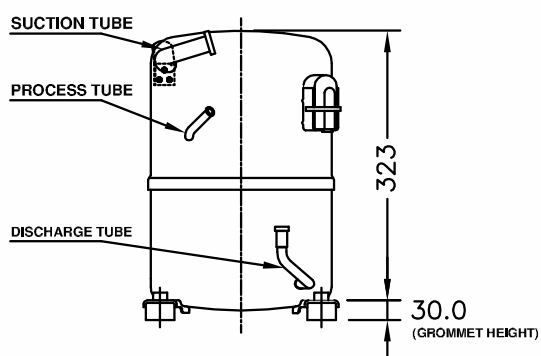
4 LEG STANDARD



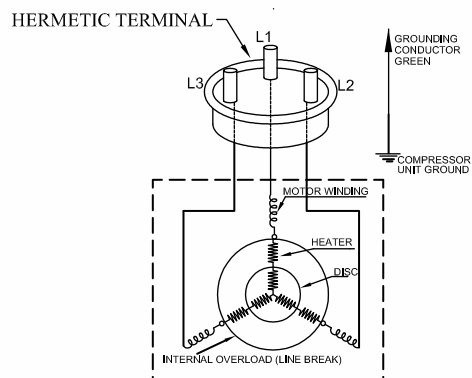
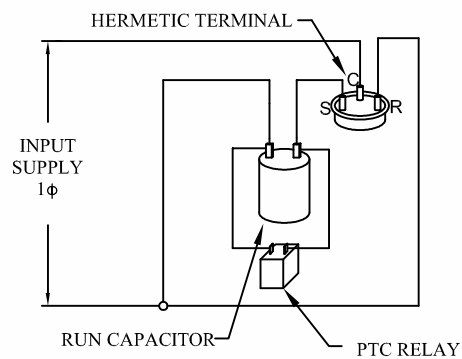
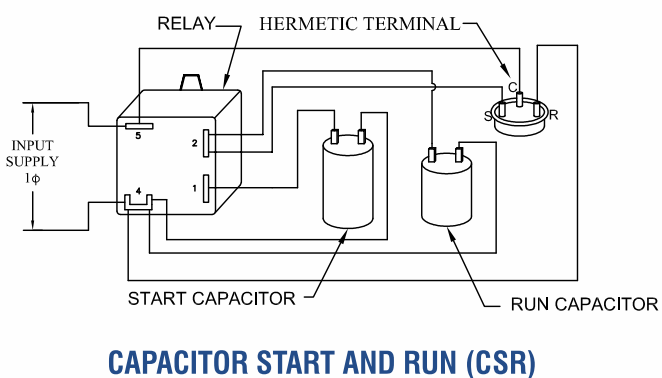
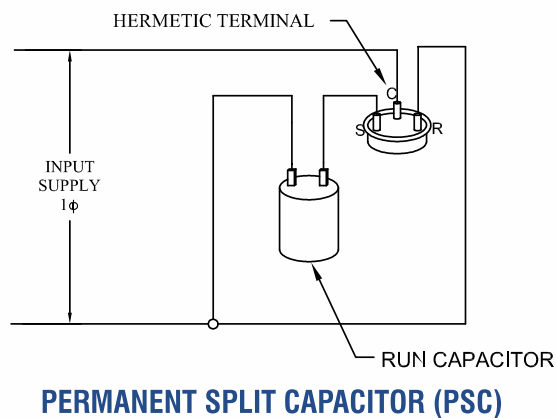
3 LEG STANDARD



4 LEG SHORT



WIRING DIAGRAMS



Note: All AW dimensions are in millimetres

TECUMSEH CONTACT DETAILS

LOCATION	ADDRESS	CONTACT NO.	STATES COVERED
NEW DELHI	56, WHS, Furniture Block, Kirti Nagar, New Delhi - 110 015	+91 11 2519 0092	Delhi, Rajasthan, Haryana, Chandigarh and Ghaziabad
MUMBAI	Kaushik Chamber, Plot No. 64, Sector-19A, Vashi, Navi Mumbai - 400 705	+91 22 6517 6929	Maharashtra and Goa
CHENNAI	Old No. 37, New No.6, Arcot Road, Vadapalani, Chennai - 600 026	+91 44 2365 2244	Tamil Nadu and Kerala
KOLKATA	4/2/1A, Rustomjee Street, Kolkata, West Bengal - 700 019	+91 33 2460 6026	West Bengal, Assam and Bihar
AHMEDABAD	Gala No.8, Amul Estate, Opp.Marium Masjid, Near Sanand-Sarkhej Railway Crossing, Sarkhej, Ahmedabad-380 220	+91 79 2682 3423	Gujarat
HYDERABAD	Tecumseh Products India Pvt. Ltd., Trading Division, Balanagar Township, Hyderabad - 500 037	+91 40 2372 0034	Andhra Pradesh, Orissa, Kerala and Tamil Nadu
CHANDIGARH	Plot No. 213, Sector 29D, Iron Market, Chandigarh - 160 030	+91 172 265 4481	Punjab, Himachal Pradesh and Jammu & Kashmir
INDORE	Tecumseh Products India Private Limited 3, Anand Nagar, Chitawad Road, Near Vandana Hostel, Indore - 452001. M.P.	+91 731 240 0554	Madhya Pradesh and Chattisgarh
GHAZIABAD	71, New Arya Nagar, Delhi-Meerut Road, Ghaziabad - 201 001 (UP)	+91 120 434 6186	Uttar Pradesh and Uttarakhand
RAIPUR	131/844, Ward No. 21, Fafadih, Kumhar Para, Raipur - 492 001 (Chattisgarh)	+91 982 623 0802	Chattisgarh



Tecumseh

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