

**APPROVED SOURCES OF SUPPLY OF ELECTRICAL ITEMS USED IN AC COACHES WITH UNDERSLUNG ITEMS
(UPDATED – February-2011)**

Sl.No.	U.L. No.	Description of item	Approved sources of supply
1	39 4322 5469 0101	Refrigeration compressor to RDSO Spec. No. EL / AC / 12, CS 2, Type I	M/s. Air control & Chemical Engg. Co. Ltd., No. 2, Aradhya Apartments, Ambavadi, Ahmedabad – 380 015.
2	39 4322 2286 0101	Refrigeration compressor to RDSO Spec. No. EL / AC / 12, CS 2, Type II	M/s. Voltas Ltd., P.B. No. 900, Ballard Estate, Mumbai – 400 038
3	39 4597 1857 0101 39 4322 3515 0101 39 4597 2758 0101	Refrigeration compressor motor to Specn. ICF / Elec / 824 / Rev. CS 6 1. 8.5 HP 110 V dc 1500 rpm 2. 10 HP 110 V dc 1160 rpm 3. 12.5 HP 110 V dc 1500 rpm	1. M/s. Elgi Electric & Industries Pvt. Ltd., Elgi Tower, 737 D, Greenfield, Puliakulam Road, Coimbatore – 641 045. 2. M/s. Kirloskar Electric Co., Unit III, P.B. No. 4, Peenya Indl. Estate, Bangalore – 560 058. 3. M/s. Stone India Ltd., 16, Tartalla Road, Kolkata – 700 088. 4. M/s. Thyron Electric Industries Pvt. Ltd., W – 107, Phase II, MIDC Indl. Estate, Dombivilli, Thane – 412 204 (for 8.5 HP only)

Sl.No.	U.L. No.	Description of item	Approved sources of supply
4	39 4322 2511 0101	Condensor Fan Motor 1 kW , 110 V DC to 135V DC to Spec. ICF /Elec./825, Rev. 1 CS 4	<ol style="list-style-type: none"> 1. M/s. Elgi Electric & Industries Pvt. Ltd., Elgi Tower, 737 D, Greenfield, Puliakulam Road, Coimbatore – 641 045. 2. M/s. Kirloskar Electric Co., Unit III, P.B. No. 4, Peenya Indl. Estate, Bangalore – 560 058. 3. M/s. Mane Patil Elec. Co. (P) Ltd., P.O. Kundal, Sangli, Maharashtra – 416 309. 4. M/s. Thyron Electric Industries Pvt. Ltd., W – 107, Phase II, MIDC Indl. Estate, Dombivilli, Thane – 412 204 5. M/s. Coimbatore Compressor Engg. Co. Pvt. Ltd., S.F.No.429, Thanneerpandal, Peelamedu, Coimbatore -641004.
5	39 4597 8049 0101 (LH) – Type - II 39 4597 8037 0101 (RH) – Type - I	Evaporator fan motor 0.56 kW/0.75 HP, 135 V DC to Spec. No. ICF/ Elec. / 826 Rev. 1 CS 4 and Drg. No. ICF / Sk -7 - 3 – 169,alt – 'd'	<ol style="list-style-type: none"> 1. M/s. Elgi Electric & Industries Pvt. Ltd., Elgi Tower, 737 D, Greenfield, Puliakulam Road, Coimbatore – 641 045. 2. M/s. Kirloskar Electric Co., Unit III, P.B. No. 4, Peenya Indl. Estate, Bangalore – 560 058. 3. M/s. Mane Patil Elec. Co. (P) Ltd., P.O. Kundal, Sangli, Maharashtra – 416 309. 4. M/s. Thyron Electric Industries Pvt. Ltd., W – 107, Phase II, MIDC Indl. Estate, Dombivilli, Thane – 412 204 5. M/s. Coimbatore Compressor Engg. Co. Pvt. Ltd., S.F.No.429, Thanneerpandal, Peelamedu, Coimbatore -641004.

Sl.No.	U.L. No.	Description of item	Approved sources of supply
6	39 4521 6678 0101	Transformer rectifier Unit to Spec. ICF / Elec. / 844 Rev. 3, CS 5 with OVR to Spec. ICF/Elec/ 897.	<ol style="list-style-type: none"> 1. M/s. Designs & Prototype, II - 27, V.S.I. Estate, Tiruvanmiyur, Chennai - 600 041 2. M/s. Universal Instruments Mfg. Co. Ltd., 237, Rajmahal Ext., Bangalore - 560 080. 3. M/s. Lambda Electric Pvt.Ltd., II - 29, V.S.I. Estate, Tiruvanmiyur, Chennai - 600 041 4. M/s. Vijay Electro Controls, No. 621 / A, I Main, 'E' Block, II stage, Rajaji Nagar, Bangalore - 560 010.
7	35 4597 4925 0101	Starting Resistor Box complete to Drg. No.WGSCWAC 7.1.017 Col. I alt. 'd'	<ol style="list-style-type: none"> 1. M/s. M.B. & Co., Ghoosepara P.O., Nischinda (NT), Howrah - 711 227 2. M/s. Hindustan Electric Components Co., 10 - E, M.E.S.Road, Tambaram, Chennai - 600 059.


Sl.No.	U.L. No.	Description of item	Approved sources of supply
8	39 4322 5536 0101	Refrigeration Condenser unit complete with associated equipment to Spec. No. ICF / Elec. / 845 Rev. 1 CS 2 without motor	1. M/s. HMTD Engg. Pvt. Ltd., D-4, Estate Road, MIDC Taloja, Maharashtra - 410 248.
9.	39 4322 5524 0101	Refrigeration Evaporator Unit complete with associated equipment to Spec.No. ICF / Elec. / 846 Rev. 1, CS 4 without motor. (suck through type)	2. M/s. Universal Instruments Mfg. Co. Ltd., 237, Rajmahal Ext., Bangalore - 560 080. 3. M/s. Impex Corporation (for J.P. Engg. Works make) 5, Clive Road, IV Floor, Room No. 924, Kolkata - 700 001. 4. M/s. Vijay Electro Controls, No. 621 / A, I Main, 'E' Block, II stage, Rajaji Nagar, Bangalore - 560 010. 5. M/s. Stone India Ltd., 16, Tartalla Road, Kolkata - 700 088. 6. M/s. R. Srinivasa & Sons, L - 11, Sidco Indl Estate, Chennai - 600 049. 7. M/s. Asian Radiators, 43, Sidco Indl. Estate, P.B. No.4449, Coimbatore - 641 021.
10.	39 4322 3734 0101	Thermostatic Expansion valve 7.5 TR cap 'Alco' make Type TCLE 7.5 FW 6 - A Angle type (imported) complete with external equalizer suitable for R-12 refrigeration System.	1. M/s. Prakash Electrics & Refrigeration Co., 9, West Cott Road, Chennai - 600 014. 2. M/s. Air conditioning Components Co., Shop 3, Accord Bldg., Chakala, Andheri - Kurla Road, Andheri (E), Mumbai - 400 093.

Sl.No.	U.L. No.	Description of item	Approved sources of supply
11	39 4322 2663 0101 39 4322 2651 0101	Packless Vibration absorber Type VAP - 9 & VAF - 11 of M/s. Packless Metal Home Inc., New York (imported) Type VAP - 9	1. M/s. Prakash Electrics & Refrigeration Co., 9, West Cott Road, Chennai - 600 014. 2. M/s. Air conditioning Components Co., Shop 3, Accord Bldg., Chakala, Andheri - Kurla Road, Andheri (E), Mumbai - 400 093.
12	39 4322 5421 0101 39 4308 0248 0101 39 4308 0224 0101 39 4322 5433 0101	Mercury in glass thermostat to Specn. ICF / Elec. / 829 Rev., A, CSI 19°C, 21°C, 24°C, 26°C	M/s. A. Paul Instruments Co., P.B. No.21, Dhola Kuan, Haryana - 126 012.
13	39 4322 2729 0101	Thermostat holder Assembly with base plate to drg No. A-01to A-13 of M/s A Paul Instruments. (without Thermostats)	M/s. A. Paul Instruments Co., P.B. No.21, Dhola Kuan, Haryana - 126 012.
14.	39 4521 6691 0101	Line Contactor to Specn. ICF / Elec./ 849 CSI	1. M/s. Stone India Ltd., 16, Tartalla Road, Kolkata - 700 088. 2. M/s. Plant Engineers, 21, N.P. Developed Plot, Chennai - 600 097.
15	39 4597 4019 0101	Hooter to Drg. No.WGSCWAC 7-2-043	1. M/s. Plant Engineers, 21, N.P. Developed Plot, Chennai - 600 097. 2. M/s. Pyrosensor, 5 / 7 F, Sidco Nagar, Chennai - 600 049.

Sl.No.	U.L. No.	Description of item	Approved sources of supply
16.	35 4597 5358 0101	Base Plate for precooling plug & socket to Drg. WGSCWAC 9-0-003 Col. I alt 'c'	<ol style="list-style-type: none"> 1. M/s. Thirumalai Baktha Engg. Works, 4, Dr. Vaitheeswaran 2nd St., Redhills, Chennai – 600 052. 2. M/s. Saphthagiri Engg. Enterprises, 5 / 25, V.O.C.St., Mondiamman Nagar, Redhills, Chennai – 600 052. 3. M/s. Balaji Coach Fitts, Redhills, Chennai – 600 052. 4. M/s. Krishna Brass Foundry, 69, Nelson Manickam Road, Choolaimedu, Chennai – 600 029. 5. M/s. Malar Casting Works, 15 / 1, Nelson Manickam Road, Chennai – 600 029.
17.	32 9198 0598 1301	Copper pipe, Refrigeration quality, 6.4 mm OD 20 SWG in annealed '0' condition to (in coil of 50 ft.) BS 2017 – 63, C-106 section.	<ol style="list-style-type: none"> 1. M/s. Prakash Electric & Refrigeration Co., 9, West Cott Road, Chennai – 600 014. 2. M/s. Air conditioning Components Co., Shop 3, Accord Bldg., Chakala, Andheri – Kurla Road, Andheri (E), Mumbai – 400 093. 3. M/s. Multi Metals, Heavy Industries area, Kansua Road, Kota, Rajasthan – 324 003. 4. M/s. Brasco Extrusion Ltd., A-II, MIDC Phase 2, Dombivili (E), Thane District – 421 204. 5. M/s. Cool Well Tubes, 5, Trimok Parasuram St., Mumbai – 400 004
	32 9110 3551 1201	Light annealed refrigeration quality Copper pipe 16mm OD WT 1.2mm to IS 10773/83 and material composition conforming to IS:191 ,Part -8, Table – I.	
	32 9110 3617 1301	Light annealed refrigeration quality Copper pipe 28mm OD WT 2mm IS 10773/83 and material composition conforming to IS:191 ,Part -8, Table – I.	
	32 9110 3629 1301	Light annealed refrigeration quality Copper pipe 40mm OD WT 2mm in as drawn 'M' condition to IS 10773/83 and material composition conforming to IS:191 ,Part -8, Table – I.	

Sl.No.	U.L. No.	Description of item	Approved sources of supply
18.	39 4322 2845 0101	Copper coupler suitable for 16mm OD 2mm WT copper pipe material conforming to IS 10773 latest	<ol style="list-style-type: none"> 1. M/s. Prakash Electric & Refrigeration Co., 9, West Cott Road, Chennai – 600 014. 2. M/s. Air conditioning Components Co., Shop 3, Accord Bldg., Chakala, Andheri – Kurla Road, Andheri (E), Mumbai – 400 093. 3. M/s. Multi Metals, Heavy Industries area, Kansua Road, Kota, Rajasthan – 324 003. 4. M/s. Brassco Extrusion Ltd., A-II, MIDC Phase 2, Dombivili (E), Thane District – 421 204. 5. M/s. Frig Sales Pvt. Ltd., P.B. No.352, 61, Anna Salai, Chennai - 2
	39 4322 2833 0101	Copper coupler suitable for 40mm OD 2mm WT copper pipe material conforming to IS 10773 latest	
	39 4322 2810 0101	Copper elbow 90 equal, 2mm WT to suit 28 mm OD copper pipe, material conforming to IS 10773 latest	
	39 4322 3941 0101	Copper Tee suitable for 6.4mm OD copper pipe WT 1.6 mm material conforming to IS 10773 latest	
	39 4322 4775 0101	Copper Tee suitable for 16mm OD copper pipe WT 1.6 mm material conforming to IS 10773 latest	
19.	39 4597 7896 0101	AC Control Panel complete for self generation AC Coaches to DRg. No. WG SC C WAC 7.2.030 Col. II alt 'p' & Spec.No. ICF / Elec/ 859 CS 2	<ol style="list-style-type: none"> 1. M/s. Stone India Ltd., 16, Tartalla Road, Kolkata – 700 088. 2. M/s. Plant Engineers, 21, N.P. Developed Plot, Chennai – 600 097.
20.	39 4322 5809 0301	Water Raising Apparatus to Spec No.. ICF – RAJ 472 with DC motor	<ol style="list-style-type: none"> 1. M/s. Arempsee Compressors Pvt. Ltd., 549 / 1-A & 1-B, Thadagam Road, Somaiyampalayam, P.O. Kanuvai, Coimbatore – 641 108. 2. M/s. Elgi Equipments Ltd., Elgi Indl. Complex, Singanallur, Coimbatore – 641 005. 3. M/s. Coimbatore Compressor Engg. Co. P.Ltd., S.F. No. 429, Thaneer Pandal, Peelamedu, Coimbatore – 641 004. 4. M/s. Airtech Machinery Ltd., 29, Sowripalayam Road, Opp. Sujani Mills, Coimbatore – 641 028.

Sl.No.	U.L. No.	Description of item	Approved sources of supply
21	39 4322 5809 0301	Water Raising Apparatus to Spec. No. ICF – RAJ 4/72 with AC motor	1. M/s. Arempce Compressors Pvt. Ltd., 549 / 1-A & 1-B, Thadagam Road, Somaiyampalayam, P.O. Kanuvai, Coimbatore – 641 108. 2. M/s. Elgi Equipments Ltd., Elgi Indl. Complex, Singanallur, Coimbatore – 641 005. 3. M/s. Coimbatore Compressor Engg. Co. Pvt. Ltd., S.F.No.429, Thanneerpandal, Peelamedu, Coimbatore -641004.


(B.G. Mallya)
CDE / Elec / ICF

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