

8 wire thermostat wiring diagram

Decoding the 8-Wire Thermostat Wiring Diagram: A Comprehensive Guide

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Summary: This article provides a detailed explanation of various 8-wire thermostat wiring diagrams, covering different HVAC system configurations. It explores common wiring configurations for systems with heat pumps, multi-stage heating and cooling, and emergency heat. The guide includes troubleshooting tips, safety precautions, and diagrams to assist in understanding and implementing the connections correctly.

Understanding the Complexity of an 8-Wire Thermostat Wiring Diagram

An 8-wire thermostat wiring diagram represents a more complex HVAC system than the simpler 2-wire or 4-wire configurations. This complexity stems from the inclusion of multiple stages of heating and/or cooling, often coupled with features like emergency heat functionality common in heat pump systems. Understanding each wire's function is crucial for proper installation and safe operation. Improper wiring of an 8-wire thermostat can lead to system malfunctions, inefficiency, and even safety hazards.

Common HVAC Systems Requiring an 8-Wire Thermostat Wiring Diagram

Several HVAC system types necessitate an 8-wire thermostat setup. These include:

Two-Stage Heating and Two-Stage Cooling Systems: These systems offer more precise temperature control by cycling between low and high heating/cooling stages depending on the load. An 8-wire configuration allows for independent control of both stages.

Heat Pump Systems with Emergency Heat: Heat pumps provide both heating and cooling. The 8 wires allow for the control of the heat pump's reversing valve (for heating/cooling selection) and the activation of electric resistance heating (emergency heat) for extremely cold conditions.

Multi-Stage Systems with Auxiliary Heat: Similar to the above, but with an auxiliary heat source (like electric resistance heaters) added to supplement the primary heat source (e.g., a furnace or heat pump).

Complex Systems with Multiple Zones: While less common for a single 8-wire thermostat, some zoning systems may utilize an 8-wire setup to control multiple aspects of a single zone.

Deciphering the 8 Wires: A Detailed Breakdown

Before diving into specific diagrams, let's understand the typical functions of the eight wires:

1. R (Red): 24-volt power supply (common). This wire provides the power to the thermostat.
1. G (Green): Fan control. This wire controls the blower motor, often running continuously in the "fan on" setting or intermittently based on the system's operation.
1. W1 (White 1): First-stage heating. This controls the primary heating element or stage.

1. W2 (White 2): Second-stage heating. This controls the secondary heating element or stage (e.g., auxiliary heat).
1. Y1 (Yellow 1): First-stage cooling. Controls the primary cooling stage (compressor).
1. Y2 (Yellow 2): Second-stage cooling. Controls the secondary cooling stage (potentially a second compressor or additional cooling capacity).
1. O/B (Orange/Brown): Often used for the heat pump's reversing valve, switching between heating and cooling modes. The specific color (orange or brown) can vary.
1. C (Blue): Common wire for completing the circuit. This provides a return path for the 24-volt power.

Interpreting Different 8-Wire Thermostat Wiring Diagrams

The exact wiring diagram will vary based on your specific HVAC system. It's crucial to consult your system's manual for the most accurate representation. However, some common scenarios and their corresponding wiring diagrams are illustrated below. (Note: Diagrams would be included here if this were a visual document. Text descriptions will have to suffice.)

Scenario 1: Two-Stage Heating, Two-Stage Cooling System: In this setup, W1 and W2 control the heating stages, while Y1 and Y2 control the cooling stages. The O/B wire may be unused if not a heat pump.

Scenario 2: Heat Pump System with Emergency Heat: Here, the O/B wire is essential for controlling the heat pump's reversing valve. W1 controls the heat pump's heating cycle, and W2 activates the emergency electric resistance heat. Y1 controls the cooling cycle.

Scenario 3: Multi-Stage System with Auxiliary Heat: Similar to the above, but with a different combination of W1 and W2 for the primary and auxiliary heat sources, respectively.

Troubleshooting Your 8-Wire Thermostat Wiring Diagram

If your system isn't working correctly, carefully check your wiring against the correct diagram for your system. Look for:

Loose Connections: Ensure all wire connections are secure and tight.

Broken Wires: Inspect the wires for any damage or breaks.

Incorrect Wiring: Double-check each wire's connection to the correct terminal.

Faulty Thermostat: If the wiring is correct, the thermostat itself might be defective.

Safety Precautions when Working with 8-Wire Thermostat Wiring Diagrams

Turn off the power: Always disconnect the power to your HVAC system before working on the wiring.

Use appropriate tools: Utilize insulated screwdrivers and wire strippers to avoid electrical shock.

Consult a professional: If you're unsure about any aspect of the wiring, contact a qualified HVAC technician.

Conclusion

Mastering the 8-wire thermostat wiring diagram is essential for optimizing the performance and safety of your HVAC system. Understanding the function of each wire and how they interact within different system configurations allows for accurate installation, efficient operation, and effective troubleshooting. By carefully following the instructions and safety precautions outlined in this guide, you can confidently work with your 8-wire thermostat, ensuring your home's comfort and energy efficiency.

FAQs

1. Can I use an 8-wire thermostat on a 4-wire system? No, using an 8-wire thermostat on a 4-wire system will not work correctly and might damage the system.

1. What happens if I connect the wires incorrectly? Incorrect wiring can lead to system malfunctions, inefficient operation, and potential safety hazards.
1. How can I identify the wires on my thermostat? Check the color codes and consult your HVAC system's manual.
1. What if my wiring diagram is different from the ones shown here? Consult your HVAC system's manual for the correct wiring diagram for your specific model.
1. How do I test if my thermostat is working correctly? You can check the voltage at the terminals using a multimeter.
1. What are the signs of a faulty thermostat? Erratic temperature fluctuations, inability to turn on the heating or cooling, or a lack of power to the unit can be signs of a faulty thermostat.
1. Can I upgrade my thermostat to an 8-wire system if I have a simpler system? This might be possible, but it requires rewiring and potentially upgrading your HVAC system components. Consult an HVAC professional.
1. What is the difference between W1 and W2 wires? W1 and W2 typically represent two heating stages in a multi-stage heating system, allowing for more precise temperature control.
1. Why is the 'C' wire important? The 'C' wire provides a common return path for the 24-volt power supply, ensuring the correct operation of the thermostat.

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1. **Safety Considerations When Working With Your 8-Wire Thermostat:** This article emphasizes safety procedures to ensure a hazard-free experience during installation and maintenance.

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8 wire thermostat wiring diagram: *Manuals Combined: 150+ U.S. Army Navy Air Force Marine Corps Generator Engine MEP APU Operator, Repair And Parts Manuals* , Over 36,000 total pages Just a SAMPLE of the CONTENTS by File Number and TM Number:: 013511 TM 5-6115-323-24P 4 GENERATOR SET, GASOLINE ENGINE DRIVEN, SKID MOUNTED, TUBULAR FRAME, 1.5 K SINGLE PHASE, AC, 120/240 V, 28 VDC (LESS ENGINE) DOD MODELS MEP-015A, 60 HZ (NSN 6115-00-889-1446) AND (DOD MODEL MEP-025A) 28 VDC (6115-00-017-8236) {TO 35C2-3-385-4; SL 4-07609A/07610A} 013519 TM 5-6115-329-25P 1 GENERATOR SET, GASOLINE ENGINE DR (LESS ENGINE) 0.5 KW, AC, 120/240 V, 60 HZ, 1 PHASE (DOD MODEL (FSN 6115-923-4469); 400 HZ (MODEL MEP-019A) (6115-940-7862) AN DC (MODEL MEP-024A) (6115-940-7867) {TO 35C2-3-440-14} 013537 TM 5-6115-457-12 7 GENERATOR SET, ENGINE DRIVEN, TACTICAL, SKID MTD; 100 KW, 3 PHASE, 4 WIRE, 120 240/416 V (DOD MODELS MEP-007A), UTILITY CLASS, 50/60 HZ (NSN 6115-00-133-9101), (MODEL MEP-106A) PRECISE CLASS, 50/60 H (6115-00-133-9102), (MODEL MEP-116A) PRECISE CLASS, 400 KW (6115-00-133-9103) INCLUDING OPTIONAL KITS (MODEL MEP-007 AWF) WINTERIZATION KIT, FUEL BURNING (6115-00-463-9082), (MEP-007AWE WINTERIZATION KIT, ELECTRIC (6115-00-463-9084), (MODEL MEP-007A DUMMY LOAD KIT (6115-00-463-9086) AND (MODEL MEP-007AWM) WHEEL 013538 TM 5-6115-457-34 12 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID 100 KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 V (DOD MODELS MEP0 UTILITY CLASS, 50/60 HZ (NSN 6115-00-133-9101); (MODEL MEP106A) CLASS, 50/60 HZ (6115-00-133-9102) AND (MODEL MEP116A), PRECISE 400 HZ (6115-00-133-9103); INCLUDING OPTIONAL KITS (DOD MODELS MEP007AWF) WINTERIZATION KIT, FUEL BURNING (6115-00-463-9082); MEP007AWE) WINTERIZATION KIT, ELECTRIC (6115-00-463-9084); (MOD MEP007ALM) DUMMY LOAD KIT (6115-00-463-9086) AND (MODEL MEP007A MOUNTING KIT (6 013540 TM 5-6115-458-24P 9 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL, SKID MTD.,

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MEP-026A DC HZ (6115-00-017-8239) MODEL MEP-026C 28 V DC (6115-01-175-7320) {TO 35C2-3-386-1; TM 05926A-14; NAVFAC P-8-6 025151 TM 5-6115-271-24P 3 GENERATOR SET, GASOLINE ENGINE DRIVEN, SKID MOUNTED, TUBULA FRAME, 3 KW, 3 PHASE, AC; 120/208 AND 120/240 VOLTS, 28 VDC (LE ENGINE) (DOD MODEL MEP-016A) 60 HERTZ (NSN 6115-00-017-8237) (MEP-021A) 400 HERTZ (6115-00-017-8238) (MEP-026A) 28 VDC HERTZ (6115-00-017-8239) (MEP-016C) 60 HERTZ (6115-01-143-3311) (MEP- 400 HERTZ (6115-01-175-7321) (MEP-026C) 28 VDC HERTZ (6115-01-175-7320) {TO 35C2-3-386-4; SL-4-05926A} 032507 TM 5-6115-275-14 10 GENERATOR SET, GASOLINE ENGINE DRIVEN, SKID MOUNTED, TUBULAR FRAME, 10 KW, AC, 120/208V PHASE, AND 120/240V, SINGLE PHASE, LESS ENGINE: DOD MODELS MEP- HZ, (NSN 6115-00-889-1447) AND MEP-023A, 400 HZ (6115-00-926-08 {NAVFAC P-8-615-14; TO 35C2-3-452-1} (THIS ITEM IS INCLUDED ON EM 0086, EM 0088 & EM 0127) 032508 TM 5-6115-275-24P 5 GENERATOR, GASOLINE ENGINE DRIVEN, SKID MOUNTED, TUBULAR FRAME, 10 KW, AC, 120/208 V, 3 PHASE AND 120/240 V, SINGLE PHASE (LESS ENGINE); D MEP-018A, UTILITY CLASS, 60 HZ (NSN 6115-00-889-1447) AND MEP-0 PRECISE CLASS, 400 HZ (6115-00-926-0843) {NAVFAC P8-615-24P; TO 35C2-3-452-4} (THIS ITEM IS INCLUDED ON EM 0086, EM 0088 & EM 0127) 032551 TM 5-6115-584-12 11 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MTD, 5 KW, 1 PHASE, 2 WIRE; 1 PHASE, 3 WIRE; 3 PHASE, 4 WIRE, 120, 120/240 AND 120/208 V (DOD MODEL MEP-002A) UTILITY CLASS, 60 HZ (NSN 6115-00-465-1044) {NAVFAC P-8-622-12; TO 35C2-3-456-1; TM 05682C-12} 032640 TM 5-6115-585-12 12 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MTD, 10 KW, 1 PHASE, 2 WIRE 1 PHASE, 3 WIRE AND 3 PHASE, 4 WIRE; 120, 120/240 AND 120/208 V (DOD MODEL MEP-003A) UTILITY CLASS, 60 HZ (NSN 6115-00-465-1030 AND (MODEL MEP-112A), UTILITY CLASS, 400 HZ (6115-00-465-1027) {NAVFAC P-8-623-12; TO 35C2-3-455-1; TM-05684C/05685B-12} 032781 TM 5-6115-584-34 8 GENERATOR SET, DIESEL ENGINE DRIVEN, TAC SKID MOUNTED, 5 KW, 1 PHASE, 2 WIRE, 1 PHASE, 3 WIRE, 3 PHASE, 120, 120/240 AND 120/208 V (DOD MODEL MEP-002A), UTILITY CLASS, (NSN 6115-00-465-1044) {NAVFAC P-8-622-34; TO 35C2-3-456-2; TM 0568C-34} 032936 TM 5-6115-329-14 4 GENERATOR SET GASOLINE ENGINE DRIVEN, 0.5 KW (LESS ENGINE) (DOD MODEL MEP-014 UTILITY CLASS, 60 HZ) (NSN 6115-00-923-4469), (DOD MODEL MEP-01 UTILITY CLASS, 400 HZ (6115-00-940-7862) AND (DOD MODEL MEP-024 UTILITY CLASS, 28 VDC (6115-00-940-7867) {TO 35C2-3-440-1} 033374 TM 5-6115-332-14 10 GENERATOR SET, TAC GASOLINE ENGINE: AIR COOLED, 5 KW, AC, 120/240 V, SINGLE PHASE, V, 3 PHASE, SKID MOUNTED, TUBULAR FRAME (LESS ENGINE) (MILITARY DOD MODEL MEP-017A), UTILITY, 60 HZ (NSN 6115-00-017-8240) AND MODEL MEP-022A), UTILITY, 400 HZ (6115-00-017-8241) {NAVFAC P-8-614-14; TO 35C2-3-424-1} 033750 TM 5-6115-585-34 9 GENERATOR SET, DIESEL ENGINE DRIVEN, TAC SKID MOUNTED, 10 KW, 1 PHASE, 2 WIRE, 1 PHASE, 3 WIRE, 3 PHASE, 4 WIRE, 120, 120/240 AND 120/208 VOLTS (DOD MODEL MEP-003A), UT CLASS, 60 HZ (NSN 6115-00-465-1030) {NAVFAC P-8-623-12; TO 35C2-3-455-2; TM-05684C/05685B-34} 034072 TM 5-6115-585-24P 5 GENERATOR SET, DIESEL ENGINE DRIVEN, TA SKID MTD, 10 KW, 1 PHASE, 2 WIRE; 1 PHASE, 3 WIRE; 3 PHASE, 4 W 120, 120/240 AND 120/208 V (DOD MODELS 003A), UTILITY CLASS, 60 (NSN 6115-00-465-1030) AND (MODEL MEP-112A), UTILITY CLASS, 400 (6115-00-465-1027) {NAVFAC P-8-623-24P; TO 35C2-3-455-4; SL-4-05684C/06585B} 040180 TM 5-6115-584-12-HR HAND RECEIPT MANUAL COVERING END ITEM/COMPONENTS OF END ITEM (C BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MTD, 5 KW, 1 WIRE; 1 PH, 3 WIRE; 3 PH, 4 WIRE, 120, 120/240 AND 120/208 V (D MEP-002A) UTILITY CLASS, 60 HZ (NSN 6115-00-465-1044) 040833 TM 5-6115-458-12-HR HAND RECEIPT MANUAL COVERING THE END ITEM/COMPONENTS OF END ITE BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AA GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL, SKID MOUNTED, 20 3 PHASE, 4 WIRE, 120/208 AND 240/416 V (DOD MODEL MEP-009A), UT CLASS, 50/60 HZ (NSN 6115-00-133-9104) AND (DOD MODEL MEP-108A) PRECISE CLASS, 50/60 HZ (6115-00-935-8729) 040843 TM 5-6115-593-34 GENERATOR SET,

DIESEL ENGINE DRIVEN, TAC SKID MTD, 500 KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 VOLTS DOD MODEL, MEP-029A, CLASS UTILITY, 50/60 HZ, (NSN 6115-01-030- DOD MODEL, MEP-029B, CLASS UTILITY, 50/60 HZ, (6115-01-318-6302 INCLUDING OPTIONAL KITS DOD MODEL, MEP-029AHK, HOUSING KIT, (6115-01-070-7550), DOD MODEL, MEP-029ACM, AUTOMATIC CONTROL MO (6115-01-275-7912) DOD MODEL, MEP-029ARC, REMOTE CONTROL MODULE (6110-01-070-7553) DOD MODEL, MEP-029ACC, REMOTE CONTROL CABLE, (6110-01-087-4127) {NAVFAC P-8 041070 TM 5-6115-593-12 GENERATOR SET, ENGINE DRIVEN, TACTICAL SKID MTD, 500 KW, 3 PHASE, 4 WIRE; 120/ 240/416 VOLTS DOD MODEL MEP-029A; CLASS UTILITY, HERTZ 50/60; (NSN 6115-01-030-6085); MEP-029B; UTILITY; 50/60; (6115-01-318- INCLUDING OPTIONAL KTS DOD MODELS MEP-029AHK; NOMENCLATURE HOUS (6115-01-070-7550) MEP-029ACM; AUTOMATIC CONTROL MODULE; (6115-01-275-7912); MEP-029ARC, REMOTE CONTROL MODULE, (6110-01-070-7553); MEP-029ACC, REMOTE CONTROL CABLE (6110-01-087-4127) {TO 35C2-3-463-1} 041338 LO 55-1730-229-12 POWER UNIT, AVIATION, MULTI-OUTPUT GTED ELECTRICAL, HYDRAULIC, PNEUMATIC (AGPU), WHEEL MOUNTED, SELF-PROPELLED, TOWABLE DOD MODEL-MEP-360A, CLASS-PRECISE, HERTZ-400, (NSN 1730-01-144-1897 042791 TM 5-6115-457-12-HR HAND RECEIPT MANUAL COVERING THE BASIC ISSUE ITEMS (BII) FOR GE SET, DIESEL ENGINE DRIVEN, TACTICAL, SKID MTD; 100 KW, 3 PHASE, 120/208 AND 240/416 V (DOD MODELS MEP007A), UTILITY CLASS, 50/6 (NSN 6115-00-133-9101), (MODEL MEP-106A), PRECISE CLASS, 50/60 (6115-00-133-9102) AND (MODEL MEP116A) PRECISE CLASS, 400 HZ (6115-00-133-9103) 043437 TM 5-6115-593-24P 1 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MOUNTED, 500 KW, 3 PHA 4 WIRE; 120/208 AND 240/416 VOLTS DOD MODEL MEP-029A UTILITY CL 50/60 HZ (NSN 6115-01-030-6085) MEP-029B UTILITY CLASS, 50/60 (6115-01-318-6302) INCLUDING OPTIONAL KITS DOD MODEL MEP-029AHK HOUSING KIT (6115-01-070-7550) MEP-029ACM AUTOMATIC CONTROL MOD (6115-01-275-7912) MEP-029ARC REMOTE CONTROL MODULE (6110-01-070-7553) MEP-029ACC REMOTE CONTROL CABLE (6110-01-087 {NAVFAC P-8-631-24P; TO 35C2-3-463-4} 044703 TM 5-6115-545-12-HR HAND RECEIPT MANUAL COVERING COMPONENTS OF END ITEM (COEI), BAS ITEMS (BII), AND ADDITIONAL AUTHORIZATION LIST (AAL) FOR GENERA DIESEL ENGINE DRIVEN, TACTICAL SKID MTD, 60 KW, 3 PHASE, 4 WIRE 120/208 AND 240/416 V (DOD MODELS MEP-006A) UTILITY CLASS, 50/6 (NSN 6115-00-118-1243), (MODEL MEP-105A) PRECISE CLASS, 50/60 H (6115-00-118-1252) AND (MODEL MEP-115A) PRECISE CLASS, 400 HZ (6115-00-118-1253) 050998 TM 5-6115-600-12 8 GENERATOR DIESEL ENGINE DRIVEN, TACTICAL SKID MTD, 100 KW, 3 PHASE, 4 WIR 120/208 AND 240/416 V (DOD MODEL MEP-007B) CLASS UTILITY, 50/60 (NSN 6115-01-036-6374) INCLUDING OPTIONAL KITS, DOD MODEL MEP00 WINTERIZATION KIT, FUEL BURNING AND MEP007BWE WINTERIZATION KIT ELECTRIC 051007 TM 5-6115-600-24P 4 GENERATOR SET, DIESEL ENGINE DRIVEN, 100 KW, 3 PHASE, 4 WIRE, 120/208 AND VOLTS (DOD MODEL MEP-007B), UTILITY CLASS, 50/60 HZ (NSN 6115-01-036-6374) INCLUDING OPTIONAL KITS, DOD MODEL MEP007BWF, WINTERIZATION KIT, FUEL BURNING AND MEP007BWE WINTERIZATION KIT, ELECTRIC {TO 35C2-3-442-14; NAVFAC P-8-628-24P; SL-4-07464B} 057268 LO 5-6115-600-12 GENERATOR SET, DIESEL ENGINE DRIVEN; TACTICAL, SKID MTD, 100 KW PHASE, 4 WIRE; 120/208 AND 240/416 V (DOD MODEL MEP007B), CLASS UTILITY, 50/60 HZ (NSN 6115-01-036-6374) 057513 LO 5-6115-604-12 GENERATOR SET, DIESEL ENGINE DRIVEN, AIR TRANSPORTABLE; SKID MT 750 KW, 3 PHASE, 4 WIRE; 2400/4160 AND 2200/3800 VOLTS (DOD MOD MEP208A) CLASS PRIME UTILITY, HZ 50/60 (NSN 6115-00-450-5881) {LI 6115-12/9} 060183 TM 5-6115-612-24P 6 GENERATOR SET, AVIATION, GAS TURBINE ENGINE DRIVEN, INTEGRA TRAILER MOUNTED, 10KW, 28 VOLTS MODEL MEP-362A, PRECISE, DC (NSN 6115-01-161-3992) {TM 6115-24P/1; AG-320B0-IPE-000; TO 35C2-3-471-4} 060188 TM 5-6115-612-34 4 GENERATOR SET, AVIATION, GAS TURBINE ENG DRIVEN, INTEGRAL TRAILER MOUNTED 10KW 28 VOLTS DOD MODEL MEP 36 PRECISE, DC, (NSN 6115-01-161-3992) {AG-320BO-MME-000; TM 6115- TO 35C2-3-471-2} 060645 LO 5-6115-612-12 AVIATION GENERATOR SET, GAS TURBINE, ENGINE DRIVEN, INTEGRAL TR

MOUNTED, 10KW, 28 VOLTS DC DOD MODEL MEP 362A CLASS PRECISE (NSN 6115-01-161-3992) 060921 TM 55-1730-229-34 5 POWER UNIT, AVIATION, MULTI-OUTPUT GTED, ELECTRICAL, HYDRAULIC, PNEUMATIC (AGPU) WHEEL MOUNTED, SELF-PROPELLED, TOWA AC 400HZ, 3PH, 0.8 PF, 115/200V, 30 KW, DC 28VDC 700 AMPS, PNEUMATIC, 60 LBS/MIN. AT 40 PSIG, HYDRAULIC, 15 GPM AT 3300 PS DOD MODEL MEP-360A, CLASS PRECISE, 400 HERTZ, (NSN 1730-01-144- {AG 320A0-MME-000; TO 35C2-3-473-2; TM 1730-34/1} 060922 TM 55-1730-229-12 8 POWER UNIT, AVIATION, MULTI-OUTPUT GTED ELECTRICAL, HYDRAULIC, PNEUMATIC (AGPU) WHEEL MOUNTED, SELF-PROPELLED, TOWABLE, AC 400HZ, 3PH, 0.8 PF, 115/200V, 30 KW, DC 28 VDC 700 AMPS, PNEUMATIC 60 LBS/M AT 40 PSIG, HYDRAULIC 15 GPM AT 3300 PSIG, DOD MODEL MEP-360A, CLASS PRECISE, HERTZ 400, (NSN 1730-01-144-1897) {AG 320A0-OMM-000; TO 35C2-3-473-1; TM 1730-12/1} 061758 LO 5-6115-614-12 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MTD. 200 KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 VOLTS MODEL MEP009B, UTILI 50/60 HERTZ, (NSN 6115-01-021-4096) 061772 LO 5-6115-622-12 GENERATOR SET, DIESEL ENGINE-DRIVEN, WHEEL MOUNTED 750-KW, 3-PH 4-WIRE, 2200/3800 AND 2400/4160 VOLTS CUMMINS ENGINE COMPANY IN MODEL KTA-2300G-2 DOD MODEL MEP-012A; CLASS UTILITY; HERTZ 062762 LO 5-6115-615-12 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MOUNTED, 3 K MODEL 016B; CLASS UTILITY MODE 50/60 HZ (NSN 6115-01-150-4140); DOD MODEL MEP-021B; CLASS UTILITY; MODE 400 HZ (6115-01-151-812 DOD MODEL MEP-026B; CLASS UTILITY; MODE 28 VDC (6115-01-150-036 {LI 05926B/06509B-12/5; P-8-646-LO} 064310 TM 5-6115-626-14&P 2 POWER UNIT PU-406B/M (NSN 6115-00-394-9576) MEP-005A 30 KW 60 HZ GENERATOR SET M200A1 2-WHEEL4-TIRE, MODIFIED TRAILER 064390 TM 5-6115-632-14&P 5 POWER UNIT PU-753/M (NSN 6115-00-033-1 MEP-003A 10 KW 60 HZ GENERATOR SET M116A2 2-WHEEL, 2-TIRE, MODI TRAILER 064392 TM 5-6115-629-14&P 3 POWER PLANT AN/AMJQ-12A (NSN 6115-00-257-1602) (2) MEP-006A 60HZ, GENERATOR SETS (2) M200A1 2-WHEEL, 4-TIRE, MODIFIED TRAIL 064443 TM 5-6115-625-14&P 2 POWER UNIT PU-405A/M (NSN 6115-00-394-9577) MEP-004A 15 KW 60 HZ GENERATOR SET M200A1 2-WHEEL, 4-TIRE, MODIFIED TRAILER (THIS ITEM IS INCLUDED ON EM 0086 & EM 0087) 064445 TM 5-6115-633-14&P 4 POWER PLANT AN/MJQ-18 (NSN 6115-00-033-1398) (2) MEP-003A 1 60 HZ GENERATOR SETS M103A3 2-WHEEL 1 1/2 TON MODIFIED TRAILER 064446 TM 5-6115-628-14&P 4 POWER PLANT AN/MJQ-15 (NSN 6115-00-400-7591) (2) MEP-113A 1 400 HZ GENERATOR SETS, (2) M200A1 2-WHEEL, 4-TIRE, MODIFIED TRA (THIS ITEM IS INCLUDED ON EM 0086) 064542 TM 5-6115-631-14&P 4 POWER PLANT AN/MJQ-16 (NSN 61 15-00-033-1395) (2) MEP-002A 5 KW 60 HZ GENERATOR SETS M103A3 2-WHEEL, 2-TIRE, MODIFIED TRAI 065071 TM 55-1730-229-24P 6 POWER AVIATION, MULTI-OUTPUT GTED ELECTRICAL, HYDAULIC, PNEUMATIC (AG WHEEL MOUNTED, SELF-PROPELLED, TOWABLE AC 400 HZ, 3 PH, 0.8 PF, 115/200V, 30 KW DC 28 VDC 700 AMPS PNEUMATIC 60 LBS/MIN. AT 40 HYDRAULIC 15 GPM AT 3300 PSIG DOD MODEL MEP-360A, CLASS PRECISE 400 HERTZ (NSN 1730-01-144-1897) {TO 35C2-3-473-4; TM 1730-24P/ AG 320A0-IPB-000} 065603 TB 5-6115-593-24 WARRANTY PROGRAM FOR GENERATOR SET DOD MODEL MEP-029A HOUSING K DOD MODEL MEP-029AHK 066727 TM 5-6115-640-14&P 2 POWER AN/MJQ-32 (NSN 6115-01-280-2300) AN/MJQ-33 (6115-01-280-2301) (MEP-701A 3KW 60 HZ ACOUSTIC SUPPRESSION KIT GENERATOR SETS M116 2-WHEEL, 2-TIRE, 3/4-TON MODIFIED TRAILERS 066808 TM 5-6115-627-14&P 2 POWER PLANT AN/MJQ-10A (NSN 6115-00-394-9582); (2) MEP-005A 30 KW 60 HZ GEN SETS; (2) M200A1 2-WHEEL, 4 TIRE MODIFIED TRAILERS 066809 TM 5-6115-630-14&P 4 POWER UNIT, PU-751/M (NSN 6115-00-033-1373) MEP-002A, 5 KW, 60 HZ GENERATOR SET M116A1 2-WHEEL, 2-TIRE, MODIFIED TRAILER 066824 TM 5-6115-465-10-HR 1 HAND RECEIPT MANUAL COVERING END ITEM/COMPONENTS OF END ITEM (C BASIC ISSUE ITEMS, (BII) AND ADDITIONAL AUTHORIZATION LIST (AAL GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MOUNTED, 30K 4 WIRE, 120/208 AND 240/416 VOLTS - MEP-005A, UTILITY, 50/60 HE (NSN 6115-00-118-1240); MEP-104A, PRECISE, 50/60 HERTZ, (6115-00-118-1247): MEP-114A, PRECISE,

400 HERTZ, (6115-00-118- INCLUDING AUXILIARY EQUIPMENT MEP-005AWF WINTERIZATION KIT, FUE BURNING (6115-00-463-9083); MEP-005AWE, WINTERIZATION KIT, ELEC (6115-00 067310 TM 9-6115-650-14&P 1 POWER PLAN AN/MJQ-25 (NSN 6115-01-153-7742) (2) MEP-112A 10 KW 400 HZ GENE SETS M103A3 2-WHEEL, 2-TIRE, MODIFIED TRAILER 067311 TM 9-6115-653-14&P 2 POWER UNIT PU-732/M (NSN 6115-00-260-3082) MEP-113A 15 KW 400 HZ GENERATOR SET M200 2-WHEEL, 4-TIRE, MODIFIED TRAILER 067544 TM 9-6115-652-14&P 1 POWER UNIT PU-760/M (NSN 6115-00-394-9581) MEP-114A 30 KW 400 HZ GENERATOR M200A1 2-WHEEL, 4-TIRE, MODIFIED TRAILER 067632 TM 9-6115-648-14&P POWER UNIT PU-650B/G (NSN 6115-00-258-1622) MEP-006A 60 KW 60 HZ GENERATOR M200A1 2-WHEEL, 4-TIRE, MODIFIED TRAILER 067744 TM 9-6115-646-14&P 1 POWER UNIT PU-495A/G, (NSN 6115-00-394-9575) AND PU-495B/G, (6115-01-134-0 MEP-007A 100 KW, 60 HZ OR MEP-007B, 100 KW, 60 HZ GENERATOR SET M353-2-WHEEL, 2-TIRE MODIFIED TRAILER 067746 TM 9-6115-651-14&P POWER UNIT 707A/M (NSN 6115-00-394-9573) MEP-115A, 60 KW, 400 HZ GENERATOR M200A1, 2-WHEEL, 4-TIRE, MODIFIED TRAILER 067879 TM 9-6115-647-14&P 1 POWER UNIT PU-789/M (NSN 6115-01-208-9827) MEP-114A, 30 KW 400 HZ GENERATOR SET M353 2-WHEEL, 2-TIRE, MODIFIED TRAILER 069601 TM 9-6115-464-10-HR HAND RECEIPT MANUAL COVERING THE END ITEMS/COMPONENTS OF END IT (COEI), BASIC ISSUE ITEMS (BII), AND ADDITIONAL AUTHORIZATION L (AAL) FOR GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MO 15 KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 VOLTS DOD MODEL MEP UTILITY CLASS, 50/60 HERTZ (NSN 6115-00-118-1241) DOD MODEL MEP PRECISE CLASS, 50/60 HERTZ (6115-00-118-1245) DOD MODEL MEP-113 PRECISE CLASS, 400 HERTZ (6115-00-118-1244) 069602 LO 9-6115-464-12 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL, SKID MTD, 15KW, 4 WIRE, 120/208 AND 240/416 VOLTS (DOD MODEL MEP 004A) (NSN 6115-00-118-1241); (DOD MODEL MEP 104A) (6115-00-118-1245) (DOD MODEL MEP-113A) (6115-00-118-1244) 069954 TM 9-6115-465-24P 2 GENERATOR SET, DIESEL ENGINE DRIVE TACTICAL SKID MTD. 30KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 V MODELS; MEP-005A, UTILITY, 50/60 HZ, (NSN 6115-00-118-1240), MEP-104A PRECISE, 50/60 HZ, (6115-00-118-1247), MEP-114A, PRECISE, 400 H (6115-00-118-1248), INCLUDING OPTIONAL KITS, DOD MODELS; MEP-00 WINTERIZATION KIT, FUEL BURNING, (6115-00-463-9083), MEP-005-AW WINTERIZATION KIT, ELECTRIC, (6115-00-463-9085), MEP-002-ALM, L BANK KIT, (6115-00-463-9088), MEP-005-AWM, WHEEL MOUNTING KIT, (6115-00-463-9094) {TO-35C2-3-070096 TM 9-6115-464-24P 1 GENERATOR S DIESEL ENGINE DRIVEN, TACTICAL SKID MTD., 15KW, 3 PHASE, 4 WIRE 120/208 AND 240/416 VOLTS (DOD MODEL MEP-004A) UTILITY CLASS 50/60 HERTZ (NSN 6115-00-118-1241) (DOD MODEL MEP-103A) PRECISE CLASS 50/60 HERTZ (6115-00-118-1245) (DOD MODEL MEP-113A) PRECI CLASS 400 HERTZ (6115-00-118-1244) INCLUDING OPTIONAL KITS (DOD MODEL MEP-005-AWF) WINTERIZATION KIT, FUEL BURNING (6115-00-463 (DOD MODEL MEP-005-AWE) WINTERIZATION KIT, ELECTRIC (6615-00-46 (DOD MODEL MEP-004-ALM) LOAD BANK KIT (6115-00-191-9201 071025 TM 9-6115-641-10 2 GENERATOR SET SKID MOUNTED, TACTICAL QUIET 5 KW, 60 AND 400 HZ MEP-802A (60 HZ) (NSN 6115-01-274-7387) MEP-812A (400 HZ) (6115-01-274-7391) {TO 35C2-3-456-11} 071026 TM 9-6115-642-10 2 GENERATOR SET SKID MOUNTED, TACTICAL QUIE 10 KW, 60 AND 400 HZ MEP-803A (60 HZ) (NSN 6115-01-275-5061) MEP-813A (400 HZ) (6115-01-274-7392) {TO 35C2-3-455-11; TM 09247A/09248A-10/1} 071028 TM 9-6115-643-10 3 GENERATOR SET, SKID MOUNTED, TACTICAL QUI 15 KW, 50/60 AND 400 HZ MEP-804A (50/60 HZ) (NSN 6115-01-274-73 MEP-814A (400 HZ) (6115-01-274-7393) {TO 35C2-3-445-21} 071029 TM 9-6115-644-10 2 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 30 KW, 50/60 AND 400 HZ MEP-805A (50/60 HZ), (NSN 6115-01-274-7389) MEP-815A (400 HZ), (6115-01-274-7394) {TO 35C2-3-446-11; TM 09249A/09246A-10/1} 071030 TM 9-6115-645-10 2 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 60 KW, 50/60 AND 400 HZ MEP-806A (50/60 HZ), (NSN 6115-01-274-7390) MEP-816A (400 HZ), (6115-01-274-7395) {TO 35C2-3-444-11; TM 09244A/09245A-10/1} 071031 LO 9-6115-641-12 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 5 KW, 60 AND 400 HZ

MEP-802A TACTICAL QUIET 60 HZ (NSN 6115-01-274-7387) MEP-812A TACTICAL QUIET 400 HZ (6115-01-274-7391) 071032 LO 9-6115-642-12 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 10 KW, 60 AND 400 HZ MEP-803A TACTICAL QUIET 60 HZ (NSN 6115-01-275-5061) MEP-813A TACTICAL QUIET 400 HZ (6115-01-274-7392) 071033 LO 9-6115-643-12 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 15 KW, 50/60/400 HZ MEP-804A TACTICAL QUIET 50/60 HZ (NSN 6115-01-274-7388) MEP-814 TACTICAL QUIET 400 HZ (6115-01-274-7393) 071034 LO 9-6115-644-12 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 30 KW, 50/60 AND 400 HZ MEP-805A TACTICAL QUIET 50/60 HZ (NSN 6115-01-274-7389) MEP-815 TACTICAL QUIET 400 HZ (6115-01-274-7394) {LI 09249A/09246A-12} 071035 LO 9-6115-645-12 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 60 KW, 50/60 AND 400 HZ MEP-806A TACTICAL QUIET 50/60 HZ (NSN 6115-01-274-7390) MEP-816 TACTICAL QUIET 400 HZ (6115-01-274-7395) {LI 09244A/09245A-12} 071036 TB 9-6115-641-24 WARRANTY PROGRAM FOR GENERATOR SET, TACTICAL QUIET 5 KW, 60 AND 400 HZ MEP-802A AND MEP-812A 071037 TB 9-6115-642-24 WARRANTY PROGRAM FOR GENERATOR SET, TACTICAL QUIET 10 KW, 60 AND 400 HZ MEP-803A AND MEP-813A {SI 09247A/09248A-24} 071038 TB 9-6115-643-24 WARRANTY PROGRAM FOR GENERATOR SET, TACTICAL QUIET 15 KW, 50/60 AND 400 HZ MEP-804A AND MEP-814A 071039 TB 9-6115-644-24 WARRANTY PROGRAM FOR GENERATOR SET, TACTICAL QUIET 30 KW, 50/60 AND 400 HZ MEP-805A AND MEP-815A {SI 09249A/09246A-24} 071040 TB 9-6115-645-24 WARRANTY PROGRAM FOR GENERATOR SET, TACTICAL QUIET 60 KW, 50/60 AND 400 HZ MEP-806A AND MEP-816A {SI 09244A/09245A-24} 071541 TM 9-6115-464-12 2 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MTD, 15 KW, 3 PHASE, 4 WIRE, 120/2 AND 240/416 VOLTS DOD MODEL MED-004A UTILITY CLASS 50/60 HERTZ (NSN 6115-00-118-1241) DOD MODEL MEP-103A PRECISE CLASS 50/60 HERTZ (6115-00-118-1245) DOD MODEL MEP-113A PRECISE CLASS 400 HERTZ (6115-00-118-1244) INCLUDING OPTIONAL KITS DOD MODEL MEP-005-AWF WINTERIZATION KIT, FUEL BURNING (6115-00-463-9083) DOD MODEL MEP-005-AWE WINTERIZATION KIT, ELECTRIC (6115-00-463-9085) DOD MODEL MEP-004-ALM LOAD BANK KIT (6115-00-291 071604 TM 9-6115-645-24P GENERATOR SET, TACTICAL QUIET 60KW, 50/60/400 HZ (NSN 6115-01-274-7390) (MEP-806A) (6115-01-274-7395) (MEP-816A) {TO 35C2-3-444-14; TM 09244A/09245A-24P/3} 071605 TM 9-6115-642-24P GENERATOR SET, TACTICAL QUIET 10 KW, 60/400 HZ (NSN 6115-01-275-5061) (MEP-803A) (6115-01-274-7392) (MEP-813A) {TO 35C2-3-455-14; TM 09247A/09248A-24P/3} 071610 TM 9-6115-643-24P GENERATOR SET, TACTICAL QUIET 15KW, 50/60 - 400 HZ (NSN 6115-01-274-7388) (MEP-804A) (6115-01-274-7393) (MEP-814A) {TO 35C2-3-445-24} 071611 TM 9-6115-644-24P GENERATOR SET, TACTICAL QUIET 30KW, 50/60-400 HZ (NSN 6115-01-274-7389) (MEP-805A) (6115-01-274-7394) (MEP-815A) {TO 35C2-3-446-14; TM 09249A/09246A-24P/3} 071613 TM 9-6115-641-24P GENERATOR SET, TACTICAL QUIET 5 KW, 60/400 HZ (NSN 6115-01-274-7387) (MEP-802A) (6115-01-274-7391) (MEP-812A) {TO 35C2-3-456-14} 071713 TM 9-6115-645-24 4 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 60KW, 50/60 AND 400 HZ MEP-806A (50/60 HZ) (NSN 6115-01-274-7390) MEP-816A (400 HZ) (6115-01-274-7395) {TO 35C2-3-444-12; TM 09244A/09245A-24/2} 071748 TM 9-6115-644-24 1 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 30 KW, 50/60 AND 400 HZ MEP-805A (50/60 HZ) (NSN 6115-01-274-7389) MEP-815A (400 HZ) (6115-01-274-7394) {TO 35C2-3-446-12; TM 09249A/09246A-24/2} 071749 TM 9-6115-643-24 4 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 15 KW, 50/60 AND 400 HZ MEP-804A (50/60 HZ) (NSN 6115-01-274-7388) MEP-814A (400 HZ) (6115-01-274-7393) {TO 35C2-3-445-22} 071750 TM 9-6115-642-24 4 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 10 KW, 60 AND 400 HZ MEP-803A (60 HZ) (NSN 6115-01-275-5061) MEP-813A (400 HZ) (6115-01-274-7392) {TO 35C2-3-455-12; TM 09247A/09248A-24/2} 071751 TM 9-6115-641-24 3 GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 5 KW, 60 AND 400 HZ MEP-802A (60 HZ) (NSN 6115-01-274-7387) MEP-812A (400 HZ) (6115-01-274-7391) {TO 35C2-3-456-12} 072239 TM 9-6115-464-34 1 GENERATOR SET, DIESEL ENGINE DRIVEN, TACTICAL SKID MTD., 15 KW, 3 PHASE, 4 WIRE 120/208 AND 240/416 VOLTS DOD MODEL MEP-004A UTILITY CLASS 50/60 HERTZ (NSN

6115-00-118-1241) DOD MODEL MEP 103A PRECISE CLASS 50/60 HERTZ (6115-00-118-1245)
DOD MODEL MEP-113A PRECISE CLASS 400 HERTZ (6115-00-118-1244) INCLUDING OPTIONAL
KITS DOD MODEL MEP-005AWF WINTERIZATION KIT, FUEL BURNING (6115-00-463-9083) DOD
MODEL MEP-005AWE WINTERIZAT KIT, ELECTRIC (6115-00-463-9085) DOD MODEL
MEP-004ALM LOAD BANK KIT (6115-00-291-920 073744 TM 9-6115-604-24P 1 GENERATOR SET,
DIESEL ENGINE DRIVEN, AIR TRANSPORTABLE SKID MOUNTED, 750KW, 3 PHASE, 4 WIRE,
2400/4160, AND 2200/3800 VOLTS DOD MODEL MEP208A PRIME UTILITY CLASS 50/60 HERTS
(NSN 6115-00-450-5881) DOD MODEL 80-1466 REMOTE CONTROL MODULE CLASS
(6115-01-150-5284 DOD MODEL 80-7320 SITE REQUIREMENTS MODULE CLASS (6115-01-150-5
{NAVFAC P-8-633-24P} 074040 TM 9-6115-545-24P GENERATOR SET, DIESEL ENGINE DRIVEN,
TAC SKID MTD., 60 KW, 3 PHASE, 4 WIRE, 120/208 AND 240/416 VOLTS, D MODELS MEP-006A,
UTILITY CLASS, 50/60 H/Z, (NSN 6115-00-118-124 MEP-105A, PRECISE CLASS, 50/60 H/Z,
(6115-00-118-1252), MEP-115 PRECISE CLASS, 400 H/Z (6115-00-118-1253); INCLUDING
OPTIONAL K DOD MODELS MEP-006AWF, WINTERIZATION FUEL BURNING, (6115-00-407
MEP-006AWE, WINTERIZATION KIT, ELECTRIC, (6115-00-455-7693), ME LOAD BANK KIT,
(6115-00-407-8322), AND MEP-006AWM, WHEEL MOUNTI (6115-00-463-9092) {TO 074212 TM
9-6115-604-12 GENERATOR SET, DIESEL DRIVEN, AIR TRANSPORTABLE SKID MTD., 750 KW, 3
PHASE, 4 WIRE, 24 AND 2200/3800 V (DOD MODEL MEP 208A) CLASS PRIME UTILITY, HZ 50
(NSN 6115-00-450-5881) {NAVFAC P-8-633-12} 074896 TM 9-6115-604-34 GENERATOR SET,
DIESEL ENGINE DRIVEN, AIR TRANSPORTABLE SKID MTD., 750 KW, 3 PHASE, 4 WIRE,
2400/4160 AND 2200/3800 VOLTS DOD MODEL MEP 208A PRIME UTILITY CLASS 50/60 HERTZ
(NSN 6115-00-450-5881) {NAVFAC P-8-633-34} 075027 TM 9-6115-584-24P 1 GENERATOR SET,
DIESEL E DRIVEN, TACTICAL SKID MTD 5 KW, 1 PHASE -2 WIRE, 1 PHASE -3 WIR 3 PHASE -4
WIRE, 120, 120/240 AND 120/208 VOLTS (DOD MODEL MEP- UTILITY CLASS, 60 HZ (NSN
6115-00-465-1044) {NAVFAC P-8-622-24P TO 35C2-3-456-4} 077581 TM 9-6115-673-13&P 2KW
MILITARY TACTICAL GENERATOR SET 120 VAC, 60 HZ (NSN 6115-01-435-1565) (MEP-531A)
(EIC: LKA) (NSN 6115-21-912-0393) (MECHRON) 28 VDC (NSN 6115-01-435-1567) (MEP-501A)
(EIC: LKD) (NSN 6115-21-912-0392) (MECHRON) 078167 TM 9-6115-672-14 GENERATOR SET
SKID MOUNTED TACTICAL QUIET 60KW, 50/60 AND 400 HZ, MEP-806B (50/60 HZ) (NSN
6115-01-462-0291) EIC: GGW, MEP-816B (400 HZ) (NSN 6115-01-462-0292) EIC: GGX 078443 TM
9-6115-639-13 1 3KW TACTICAL QUIET GENERATOR SET MEP 831A (60 HZ) (NSN
6115-01-285-3012) (EIC: VG6) MEP 832A (400 HZ) (NSN 6115-01-287-2431) (EIC: VN7) 078490 TM
9-6115-671-14 OPERATOR, UNIT, GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 30 KW,
50/60 AND 400 HZ, MEP-805B (50/60 HZ) (NSN 6115-01-461-9335) (EIC: GGU) MEP-815B (400 HZ)
(6115-01-462-0290) (EIC: GGV) 078503 TM 9-6115-671-24P GENERATOR SET SKID MOUNTED,
TACTICAL QUIET 30 KW, 50/60 AND 400 HZ MEP-805B (50/60 HZ) (NSN 6115-01-461-9335) (EIC:
GGU) MEP-815B (400 HZ) (NSN 6115-01-462-0290) (EIC: GGV) 078504 TM 9-6115-672-24P
GENERATOR SET, SKID MOUNTED, TACTICAL QUIET 60 KW, 50/60 AND 400 HZ MEP-806B
(50/60 HZ) (NSN 6115-01-462-0291) (EIC: GGW) MEP-816B (400 HZ) (NSN 6115-01-462-0292 (EIC:
GGX) 078505 TB 9-6115-671-24 WARRANTY PROGRAM FOR GENERATOR SET, TACTICAL QUIET
30KW, 50/60 AND 400 HZ MEP-805B AND MEP-815B PROCURED UNDER CONTRACT
DAAK01-96-D-00620WITH MCII INC 078506 TB 9-6115-672-24 WARRANTY PROGRAM FOR
GENERATOR SET, TACTICAL QUIET 30KW, 50/60 AND 400 HZ MEP-806B AND MEP-816B
PROCURED UNDER CONTRACT DAAK01-96-D-00620WITH MCII INC 078523 TM 9-6115-664-13&P
5KW, 28VDC, AUXILIARY POWER UNIT (APU) MEP 952B NSN 6115-01-452-6513 (EIC: N/A)
078878 TM 9-6115-639-23P 3KW TACTICAL QUIET GENERATOR SET MEP 831A (60 HZ) (NSN
6115-01-285-3012) (EIC: VG6) MEP 832A (400 HZ) (NSN 6115-01-287-2431) (EIC: VN7) 079379 TB
9-6115-641-13 WINTERIZATION KIT (NSN 6115-01-476-8973) INSTALLED ON GENERATOR SET,
SKID MOUNTED, TACTICAL QUIET, 5KW, 60 AND 400 HZ MEP-802A (600HZ) (6115-01-274-7387)
MEP-812A (400HZ) (6115-01-274-7391) 079460 TB 9-6115-642-13 WINTERIZATION KIT (NSN
6115-01-477-0564) (EIC: N/A) INSTALLED ON GENERATOR KIT, SKID MOUNTED, TACTICAL

QUIET, 10KW, 60 AND 400 HZ MEP-803A (60HZ) (6115-01-275-0561) MEP-813A (400HZ) (6115-01-274-7392) 079461 TB 9-6115-643-13 WINTERIZATION KIT (NSN 6115-477-0566) INSTALLED ON GENERATOR SET, SKID MOUNTED, TACTICAL QUIET, 15KW, 50/60 AND 400 HZ, MEP-804A (50/60HZ) (6115-01-274-7388) MEP-814A (400HZ) (6115-01-274-7393) 079462 TB 9-6115-644-13 WINTERIZATION KIT (NSN 6115-01-474-8354) (EIC:N/A) INSTALLED ON GENERATOR SET, SKID MOUNTED, 30KW, 50/60 AND 400 HZ MEP-805A (50/60HZ) (NSN 6115-01-274-7389) MEP-815A (400HZ) (NSN 611501-274-7394) 079463 TB 9-6115-645-13 WINTERIZATION KIT (NSN 6115-01-474-8344) (EIC: N/A) INSTALLED ON GENERATOR SET, SKID MOUNTED, TACTICAL QUIET, 60KW, 50/60 AND 400 HZ, MEP-806A (50/60HZ) (6115-01-274-7390) MEP-816A (400HZ) (6115-01-274-7395) 080214 TM 9-6115-670-14&P AUXILIARY POWER UNIT, 20KW, 120/240 VAC, 60 HZ, MODEL NO. MEP-903A(SICPS) NSN 6115-01-431-3062 MODEL NUMBER MEP-903B (JTACS) NSN 6115-01-431-3063 MODEL NO MEP-903C9WIN-T) NSN 6115-01-458-5329 (EIC: N/A)

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Encyclopedia Andrew Lee Dyke, 1925

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8 wire thermostat wiring diagram: Process Analyzer Sample-Conditioning System Technology Robert E. Sherman, 2002-01-11 Sampling systems are one part chemistry, one part engineering (electrical, chemical, mechanical, civil, and maybe even software). No one person possesses all of the knowledge required. Bob (Sherman) comes as close as anyone. -John A. Crandall, V.P. Sales Americas, ABB Process Analytics This resource provides both novice and experienced technologist with the technical background necessary to choose sample conditioning system components that will allow the process analyzer system to function reliably with minimal maintenance. The conditioned process sample presented to the process analyzer should be of similar quality to the calibration material used to zero and span the analyzer. Filling a long-standing void in the process field, this book addresses the system concept of Process Analyzer Sample-Conditioning Technology in light of the critical importance of delivering a representative sample of the process stream to the process analyzer. Offering detailed descriptions of the equipment necessary to prepare process samples, and listings of two or more vendors (when available) for equipment reviewed, Process Analyzer Sample-Conditioning System Technology discusses: * The importance of a truly representative sample * Sample probes, transfer lines, coolers, and pumps * Sample transfer flow calculations for sizing of lines and system components * Particulate filters, gas-liquid and liquid-liquid separation devices * Sample pressure measurement and control * Enclosures and walk-in shelters, their electrical hazard ratings and climate control systems With extensive system and component examples-including what worked and what didn't-Process Analyzer Sample-Conditioning System Technology gives the new technologist a basic source of design

parameters and performance-proven components as well as providing the experienced professional with a valuable reference resource to complement his or her experience.

8 wire thermostat wiring diagram: Tile Your World John P. Bridge, 2003 Illustrated instructions enable you to 'tile with style'.

8 wire thermostat wiring diagram: Popular Science , 1977-03 Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

8 wire thermostat wiring diagram: Popular Mechanics , 1934-02 Popular Mechanics inspires, instructs and influences readers to help them master the modern world. Whether it's practical DIY home-improvement tips, gadgets and digital technology, information on the newest cars or the latest breakthroughs in science -- PM is the ultimate guide to our high-tech lifestyle.

8 wire thermostat wiring diagram: Automatic Control of Heating and Air Conditioning John E. Haines, 1953

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8 wire thermostat wiring diagram: Popular Electricity and the World's Advance , 1913

8 wire thermostat wiring diagram: Operator, Organizational, Direct Support, and General Support Maintenance Manual for Air Conditioner, Vertical Compact , 1987

8 wire thermostat wiring diagram: Hand-book of the Underwriters' Bureau of New England ... Everett Uberto Crosby, 1896

8 wire thermostat wiring diagram: Chassis, Truck, M44, M44A1, M44A2, M45, M45A1, M45A2, M45A2G, M45C, M45G, M46, M46A1, M46A1C, M46A2C, M46C, M57, M58; Instrument Repair Shop, Truck Mounted ... Truck, Cargo ... Truck, Dump ... Truck, Maintenance ... Truck, Pipeline Construction ... Truck, Tank ... Truck, Tractor ... Truck, Van ... Truck, Wrecker, Light, M60 , 1992

8 wire thermostat wiring diagram: Direct and General Support and Depot Maintenance Repair Parts and Special Tools Lists , 1975

8 wire thermostat wiring diagram: Yellowtail Dam and Powerplant: Drawings , 1961

8 wire thermostat wiring diagram: The Electrical Engineer , 1892

Additional Resources

骁龙8®处理器性能提升50% - 腾讯网

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骁龙 8 Gen3 处理器 8 处理器性能提升? - 腾讯网

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DOGE (the Department of Government Efficiency) has been ripping through the federal government like a chainsaw. No department is immune, including the

Trump's Proposed HUD Cuts and Section 8 Elimination

President Trump's recent budget proposal introduces significant reductions to the Department of Housing and Urban Development (HUD), aiming to reshape federal

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Section 8 is available to low-income, elderly, and disabled tenants to help pay their rent. Should you accept it? Let's look at some of the pros and cons.

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Here are the pros and cons of buying an existing Section 8 property – and what's important to know before closing the deal. Start investing at BiggerPockets.

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69-2206ES-05 - RTH7600 Installation Instructions - Honeywell ...

About your new thermostat SETUP WIRING ASSISTANCE TROUBLESHOOTING Connect wires: Heat Pump 1. Match each labeled wire with same letter on new thermostat. 2. Use a ...

Wiring Diagrams - Carrier

Connection for typical cooling only thermostat. For other arrangements see installation instructions. 7. If indoor section has a transformer with a grounded secondary, connect the ...

69-2416ES-05 - RTH6350/RTH6450 Series - Honeywell Store

Label wires and remove your old thermostat. Install and wire your new thermostat. Set your new thermostat to match your heating/cooling system – It is preset for the most common system ...

Thermostat Wiring: 120V - Nuheat

See diagram for wiring instructions. WIRING INSTRUCTIONS FOR RELAY (120V) 0 – Line 1 from control 1 – Neutral wire from control 2 – Line 1 feed from panel (CCT #2) 6 – Line 2 feed ...

RET1001M V2 Room thermostat (Installation Guide) - Danfoss

wire according to application, see g. 3 on page 44 & g. 5 on page 45 according to application. 5. Locate hooks at top of front part into top of back plate and lower into position and tighten ...

Installation Guide - Carrier

Remove your old thermostat base by unscrewing it from the wall. Be careful not to let any wire labels fall off or wires fall back into the wall. Discard any jumper wires or brackets between Rh, ...

Thermostats

Wire Size Breaker or Total Amps (Copper) Fuse Size 0 thru 12 #14 15 Amp 12.1 thru 16 #12 20 Amp 16.1 thru 24 #10 30 Amp 4. Connect thermostat to baseboard heater and power wiring ...

33-00324 04 - T6 Pro Smart Wiring Diagrams - Resideo

t6 pro smart wiring diagrams wiring diagrams heat only: gas or oil furnace cool only lh/lc: gas furnace c g w r s s y y2 g c u u a w2 w k rc r l/a e aux m36897b 1 common required. g used for ...

Learning Thermostat Installation Guide

1. Connect to the thermostat wires. If you're installing the Nest Thermostat in a new place, skip this step. Take two wires from the wire bundle that goes to the current thermostat and attach them ...

INSTALLATION, OPERATION & APPLICATION GUIDE FOR ...

manual for wiring the thermostat. Refer to the section Dip Switches section in this manual to set the dip switches to the appropriate settings for the equipment installed on the coach. 4. Place ...

33-00323 01 - T6 PRO Wiring Diagrams - eBIRDSALL.com

t6 pro wiring diagrams wiring diagrams heat only: gas or oil furnace cool only c g w r s s y y2 g c u u a w2 w k rc r l/a e aux m36882 1 common optional. g used for independent fan control only. ...

69-2487ES-01 - RTH7400/RTH7500 Quick Installation Guide

Label wires and remove your old thermostat Install and wire your new thermostat Set your new thermostat to match your heating/cooling system – This thermostat works with virtually all ...

Installation, Operation & Maintenance Instructions - Mor ...

circuit wire must be rated at least 75°C. Either aluminum or copper wire is satisfactory for connection to the heater power terminal block box terminal. Copper wire is recommended and ...

Heating & Air Conditioning 1E78 - Copeland

Typical wiring diagram for cool only, 3-wire, single transformer systems
Cooling System Fan Relay B 0 RC JUMPER WIRE Y RH 24 VAC 120 VAC Hot Neutral
THERMOSTAT SYSTEM ...

INSTALLATION AND OPERATING INSTRUCTIONS - Coleman ...

The 6536-335* thermostat is intended for use with an RV Products 2 stage heat pump. The thermostat connects to the heat pump with a 9 pin plug through a lifeline (RVP part number ...

Save these instructions for future use! - WaterFurnace

Figure 2 – Thermostat base and rear view of thermostat WIRING CONNECTIONS
Refer to equipment manufacturers' instructions for specific system wiring information. After wiring, see ...

Learning Thermostat Installation Guide - Google Nest

Is your thermostat on an electrical box? If your thermostat is attached to an electrical box, use the provided Optional Mounting Kit to complete installation. Note: Electrical boxes are rare in ...

Adjustable Fan Controller Installation Procedure - HaydenAuto

1. Green wire (Air conditioner override) – Use the blue slicer connector, attach the green wire to the AC Clutch wire. If the automobile does not have air conditioning, tie off or cut short the ...

1F98EZ-1421, -1441 Easy Install - Emerson

Troubleshooting 8 PART NO. 37-7215C Replaces 37-7215B 1110 1F98EZ-1421, -1441
Easy Install ... Push excess wire into wall and plug hole with a fire resistant material (such as ...

Wiring Diagrams - Carrier

DEFROST THERMOSTAT DEFROST RELAY AND CIRCUITRY DISCHARGE TEMP. SWITCH HIGH PRESSURE SWITCH ... use the same or equivalent wire. 8. Check all electrical ...

COLEMAN®-MACH® AIR CONDITIONERS

B. The low voltage power wiring must be run from the power source to the wire box low voltage terminals. To prevent wire pinching and to promote ease of

installation, allowances must be ...

MAN OPEN - Honeywell

WIRING Disconnect the power supply before connecting wiring to prevent electrical shock or equipment damage. All wiring must comply with local codes and ordinances. Connections to ...

Three-Phase Wiring Diagrams

single-phase wiring diagrams always use wiring diagram supplied on motor nameplate. w2 cj2 ui vi wi w2 cj2 ui vi wi a cow voltage y high voltage z t4 til t12 10 til t4 t5 ali l2 t12 ti-blu t2-wht ...

69-1783 - FocusPRO TH5220D Non-Programmable Digital ...

To wire the thermostat for AC power, connect the common side of the cooling transformer to the "C" terminal as shown at left. Important: Remove R/Rc jumper for 2-transformer systems ...

WARNING IMPOR T ANT Wiring Diagram Selection

factory relay wire removed from T or H T G H Terminal board on ... 6-436.9 5H76292A Honeywell TH5220D1003 thermostat wiring for gas unit heaters HD/HDB, HDS/HDC, PTS/BTS, PTC, ...

INSTALLATION INSTRUCTIONS ELECTRIC FAN WITH ...

Positive (+) electric fan lead to the RIGHT terminal on the Thermostat Switch. (See Diagram #7) 4. Using the extra Wire, Blue Female Connector and Blue Wire Tap Connector provided, ...

Fan Controller Installation Procedure - HaydenAuto

WIRING The unit comes with 8 wires to install. The supplied diagram at bottom will reference the number for each ... Terminal #8 is the motor negative supply wire. On Hayden fan modules ...

90 SERIES TYPICAL WIRING - SupplyHouse.com

THERMOSTAT SYSTEM G W Figure 8. Typical wiring diagram for heat/cool, 4-wire, single transformer systems **TRANSFORMER Heating System Fan Relay Cooling System RC** ...

WIRING DIAGRAM W BloAweRr NI G - Nortek HVAC

thermostat connections. If any wire in this unit is to be replaced it must be replaced with 105 C th erm o plas ic w of the same gauge. Not suitable for use on systems exceeding 120V to ...

Sensi Wi-Fi Programmable Thermostat INSTALLATION ...

existing thermostat wiring in case you need it for reference later. The photo will be saved to your camera roll. Carrier 8:23 PM Install Thermostat Take a photo of your wiring Video: What to do ...

SR501-4 Switching Relay - Taco Comfort Solutions

Use copper wire only. 120 VAC wiring must have a minimum temperature rating of 75°C. Failure to follow this instruction can result in personal injury or death and/or property dam-age. 12-18 ...

OWNER'S MANUAL & INSTALLATION THERMOSTAT

v Thermostat on cover v Thermostat base v Screws Tools Required v Drill with 1/8" bit v Ballpoint Pen v Screwdriver To Remove Existing Thermostat 1. Turn off power to the heating and ...

WIRING DIAGRAM - Nortek HVAC

1. If any of the original wire as supplied with the furnace must be replaced, it must be replaced with wiring material having a temperature rating of at least 105C. 4. For supply wire ampacities ...

69-1358 - The Round® Creative Series Y460A2003 Thermostat

5 WIRE THE SUBBASE Follow the instructions provided by the heating or heating/cooling equipment manufacturer. If not available, refer to the thermostat wiring diagram. NOTE: All ...

Screw Plug heater Wiring Diagrams - Tempco

%PDF-1.6 %âãÏÓ 442 0 obj >stream v ým¶]...ÆQlpiið⁻¹5m§ý- vmI,óæ8ZfÝm RÕêÿ,\$ÉoQtĚá%,iö²fñ±64Î-†-Ĭ Ò†i Ô€4m,{,0€•3ÜQ € íÁQ ³SŽ²o W\#-F²Ä ÚÃ* Ů7Ú^«9 ...

RHPN-JC Serial Communicating Air Handler Wiring and ...

NOTE: When using 24VAC thermostat control wiring, the serial communicating control will ignore any inputs to Data wire 1 and Data wire 2. IMPORTANT: Class 2 low voltage control wire ...

OT18-60A Goodman Manufacturing Company, L.P.

room thermostat see note 1 #18 gauge 8 wire figure 14 low voltage junction box 1) "o" and "e" used on heat pumps only. notes: 2) if single stage indoor thermostat is used, connect wire ...

Versa Pro Wired Thermostat - MRC00L

1. For wiring, use only the cables specified. Do not subject the terminal to external force. This could lead to the wire becoming damaged and result in fire. 9. Refer to the wiring diagram ...

Cooler Controller Instructions - Dial Manufacturing, Inc.

With circuit breaker turned off, connect the thermostat wires as shown within the Electrical Diagram. Use wire nuts supplied. Position all wiring into junction box. Mount thermostat to ...

Wiring Diagrams - HVACDirect.com

Connection for typical cooling only thermostat. For other arrangements see installation instructions. 7. If indoor section has a transformer with a grounded secondary, connect the ...

Installation and Setup Guide - Lennox

1. Connect wiring between thermostat, indoor unit, and outdoor unit as shown in the appropriate wiring diagram.
2. Connect the outdoor sensor (if used) to the T connections on the thermostat ...

2100-582(C) (2014 12)

Manual 2100-582C Page 4 of 22 Part number Predominate Features 8403-057 (TH3110D1040) 1 stage Cool, 1 stage Heat Electronic Non-Programmable Auto or Manual changeover

WIRING DIAGRAM W - enora.nordyne.com

Thermostat anticipator setting : 0.50 Amps To change blower speed on units without a relay box installed refer to installation instructions Refer to furnace and/or relay box installation ...

Mechanical Room Thermostat - Mr Central Heating

Wiring Diagram 8 Fitting the Mechanical Room Thermostat 9 Introduction to the ESRTM This mechanical room thermostat is an economical and simple to use room thermostat. Simply turn ...

33-00042-01 - Wire Saver Installation - customer.resideo.com

THERMOSTAT end of the wire saver. 5. Disconnect the G wire; connect it to K on the THERMOSTAT end of the wire saver. 6. Disconnect the Y wire; connect it to C on the ...

WATLOW ELECTRIC MFG CO.

Before applying power through the thermostat the following items should have been checked with the heater power disconnected: 1. Immersed section of heater is completely covered by liquid ...

Universal Thermostat Install Guide - Copeland

MOUNTING AND WIRING YOUR NEW THERMOSTAT 4.1 Install new thermostat base Mount your new thermostat base using the supplied screws. Drill holes and insert wall anchors to ...

Quick Installation Guide - Honeywell Store

Alternate Wiring If a labeled wire does not match any terminal designation, see diagram below. Do not use C, C1 or X wire. Do not use B wire if you already have O wire. Wrap bare end of wire ...

WIRING DIAGRAM - Nortek HVAC

Thermostat Gray T2 DFT TEST T1 T2 C Y O O W2 R R DFT E C Y O W2 R E DF1 DF2 Black Yellow Black Reversing Valve Solenoid Defrost Control B and Note: For field added limits, remove ...

INSTALLATION INSTRUCTIONS SINGLE STAGE ELECTRIC ...

1 Thermostat Switch 1 Relay Wire Harness 1 3/8" NPT Thread-in Probe 1 Push-in Probe 1 1 x 1 Foam Pad ... Thermostat Switch Diagram #3 Thermostat 3/8" NPT Brass Probe Water Jacket. ...

8 Wire Thermostat Wiring Diagram

8 Wire Thermostat Wiring Diagram

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