

Class 73—Combined Engine Generator Sets

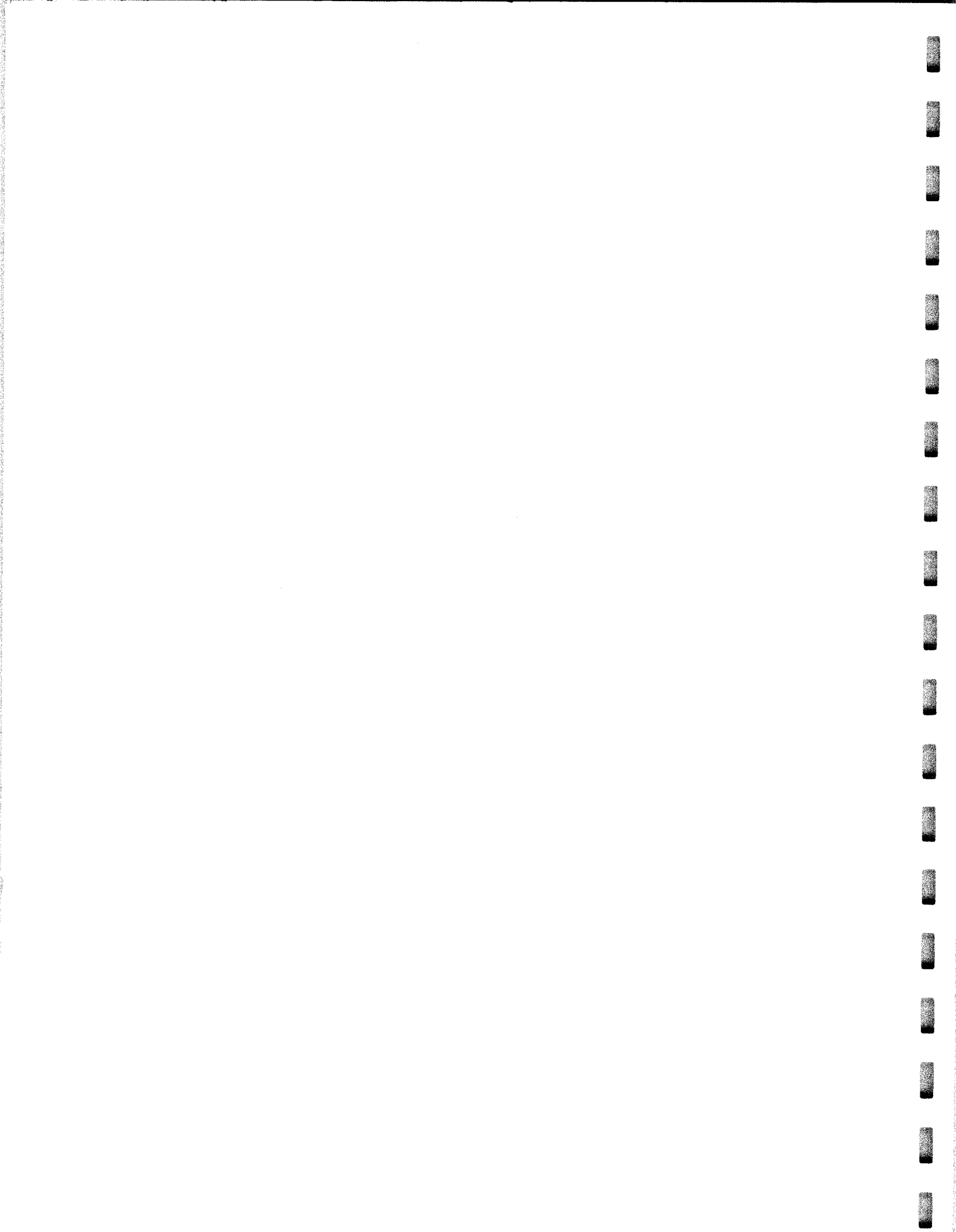
CLASS 73

**COMBINED ENGINE-GENERATOR SETS
(SINGLE UNITS)**

**INCLUDES: GASOLINE ENGINE GENERATOR SETS
DIESEL ENGINE GENERATOR SETS**

RESTRICTED

NAVSHIPS 900,109



Class 73—Combined Engine Generator Sets

3.73-1

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION		
CG-73000	TBR & TBR-1		CKC 73006	ER						
<p>GASOLINE ENGINE DRIVEN GENERATOR. CONSISTING OF A TYPE CIN-18005-3-1/2 HP GASOLINE ENGINE; A TYPE CG-21299 GENERATOR & STARTING MOTOR; A CG-23132 CONTROL PANEL; AND A NL-7660382 SKID.</p> <p>6/16/38 4MY3B1 T-7660347 REV 1 NOV. 41 (PRELIMINARY)</p>			<p>GASOLINE ENGINE GENERATOR SET: AUTOMATIC EMERGENCY PLANT RATED 1-1/2 KVA, 115 VOLTS, 60 CYCLES, SINGLE PHASE, 13 AMPS, AT UNITY PF, SPEED 1200 RPM. IS EQUIPPED WITH HOLD-OVER SWITCH TO PERMIT OPERATION UP TO 15 MINUTES AFTER RETURN OF LINE VOLTAGE. STARTING 4/14/42 1E21 KOHLER BUL. AUG. 42</p>			<p>12 HOURS CONTINUOUS OPERATION. 73010 GASOLINE ENGINE, 4 CYLINDER, 4 CYCLE, WATER COOLED. FOR STRAIGHT EMERGENCY USE ONLY. KORFUND SHOCK MOUNTED, ENCLOSED. SAME AS -73006 EXCEPT NORMAL AUTOMATIC OPERATION FEATURE OMITTED. TO STOP ENGINE ON NORMAL OPERATION MAGNETO MUST BE GROUNDED AND BATTERY CIRCUIT BROKEN.</p>				
CC 73001	T&W		CKC73006							
<p>CAS ENGINE GENERATOR CONTROL SET: CONSISTS OF BED PLATE, COVER AND THE FOLLOWING UNITS: A CPO-18007 GASOLINE ENGINE WITH A GOVERNOR TO MAINTAIN 3440 RPM UNDER VARYING LOADS, DIRECTLY CONNECTED TO A CC-21433 AC-DC GENERATOR AND A CC-23153 CONTROL UNIT. 7/12/39 C-26439 REV 0 NOV. 41</p>			<p>RELAY OPERATES ON 115/1/60. GAS TANK CAPACITY TO GIVE 12 HOURS CONTINUOUS OPERATION. GASOLINE ENGINE FOUR CYLINDER FOUR CYCLE WATER COOLED. FOR STRAIGHT EMERGENCY OR NORMAL OPERATION ENCLOSED. SAME AS 73010 EXCEPT THAT 73010 IS FOR STRAIGHT EMERGENCY USE ONLY.</p>			<p>CCW 73011 EU GAS ENGINE GENERATOR SET: OUTPUT 115/1/60, 1.5 KVA, 13 AMPS, 1 PF. GENERATOR 4 POLE, 1800 RPM, SELF-EXCITED 40°C CONT, NO BEARINGS (ARMATURE ATTACHED TO ENGINE SHAFT). GAS ENGINE (WISCONSIN MOTOR CORP MODEL AK). SINGLE CYLINDER, 4 CV, 2 STROKE, 3.2 HP, 1800 RPM, 7/9/42 CCW:15-DS242 CCW:DS-318 MAR. 43 SEE DESCRIPTION</p>				
CBP 73002	YC		CKC 73007	ER-1						
<p>GASOLINE ENGINE-GENERATOR CONSISTS OF NAVY TYPE CWM-18003 GASOLINE ENGINE, CBP-21483 AC GENERATOR, CBP-21484 DC GENERATOR, BED PLATE & ACCESSORIES.</p> <p>9/23/40 CDE:2624 REV 1 NOV. 41</p>			<p>GASOLINE ENGINE GENERATOR SET: FULL AUTOMATIC GASOLINE ENGINE GENERATOR POWER PLANT RATED 1-1/2 KVA, 115/1/60, 13 AMPS AT UNITY P.F. SPEED 1200 RPM. GASOLINE ENGINE 4 CYLINDER WATER COOLED.</p> <p>4/30/42 1A21 CKC:D-850 JUNE 42</p>			<p>CCW 73011 MAGNETO IGNITION, AIR COOLED. INCLUDES FLYBALL GOVERNOR, GAS TANK CAPACITY 1 GAL. FOR 5 TO 6 HOURS CONTINUOUS OPERATION. ROPE OR PUSH BUTTON START. CONTROL BOX ON GENERATOR HAS BATTERY CHARGING SWITCH, VOLTMETER AND RHEOSTAT.</p>				
CDO 73003	Yd		CKC 73008	ES						
<p>GASOLINE ENGINE-GENERATOR ENGINE: 1.6 HP 1800 RPM SINGLE CYLINDER 4 CYCLE, BATTERY IGNITION 12 VOLTS; BATTERY STARTING. GENERATOR: 500 VA; 115 VOLTS, SINGLE PHASE, 60 CYCLES AND 150 WATTS, 12 VOLTS DC.</p> <p>9/23/40 5 LS CDE:2682 NOV. 43 REV 0</p>			<p>GASOLINE ENGINE GENERATOR SET: AUTOMATIC EMERGENCY PLANT RATED 1.5 KVA, 115/1/60, 13 AMPS AT 1.0 PF, 1200 RPM. IS EQUIPPED WITH HOLDOVER SWITCH WHICH WILL PERMIT OPERATION UP TO 15 MINUTES AFTER RETURN OF LINE VOLTAGE. STARTING RELAY OPERATES ON 115/1/25. 5/22/42 1E21 AUG. 42</p>			<p>CDO 73012 TDM GASOLINE ENGINE GENERATOR SET SELF STARTING GASOLINE ENGINE DRIVEN GENERATOR SET. GENERATOR 4 POLE SELF EXCITED. EQUIPPED WITH AN AC AND DC WINDING ON ONE SHAFT. AC OUTPUT 1 KW, 115/1/60, 8.7 AMPS. DC WINDING RATED 12 VOLTS, 10 AMPS, 120 WATTS FOR CRANK- 8/8/42 10LS CJF:S-39186 FEB. 45</p>				
CDO 73004	* SEE-DELOE									
<p>GASOLINE ENGINE & GENERATOR SET. CONSISTS OF BED-PLATE, WATER-PROOF COVER AND FOLLOWING: A CDO-18009 GASOLINE ENGINE WITH GOVERNOR TO MAINTAIN SPEED OF 2666 RPM, DIRECT-CONNECTED TO A CDO-21647 AC-DC GENERATOR * T&W, T&W-1, T&W-2. 6/27/41 SPEC. R-1033 75199 REV 1 MAR. 42</p>			<p>GAS TANK CAPACITY 12 HOURS CON-73008 TINUOUS OPERATION. KORFUND SHOCK MOUNTED ENCLOSED. GASOLINE ENGINE, 4 CYLINDER, 4 CYCLE, WATER COOLED. FOR STRAIGHT EMERGENCY USE ONLY. DOES NOT INCLUDE AUTOMATIC FEATURE FOR NORMAL OPERATION. TO STOP ENGINE ON NORMAL OPERATION MAGNETO MUST BE GROUNDED AND BATTERY CIRCUIT BROKEN. SAME AS -73010 EXCEPT FOR STARTING RELAY AND TIME HOLDOVER SWITCH.</p>			<p>CDO 73012 ING ENGINE, AC EXCITATION AND RECHARGING BATTERY. ENGINE RATED 2.5 HP, 1300 RPM, 1 CYLINDER, 4 STROKE CYCLE, L HEAD AIR COOLED. EQUIPPED WITH FLYBALL GOVERNOR.</p>				
CDO 73004-A	T&W-3		CDO 73009	ET						
<p>GAS ENGINE GENERATOR SET: CONSISTS OF BEDPLATE, WATERPROOF COVER AND FOLLOWING: A CDO-DC 18010 GASOLINE ENGINE DIRECT CONNECTED TO A CDO-21647 AC-DC GENERATOR.</p> <p>7/19/42 OTC-29 75199 AUG. 43 3-17-41</p>			<p>SELF-STARTING GASOLINE ENGINE DRIVEN GENERATOR SET: GENERATOR: 4 POLE, SELF-EXCITED. EQUIPPED WITH AN AC AND DC WINDING ON ONE SHAFT. AC OUTPUT 3 KVA, 115/1/60, ±3 CYCLES, 26.1 AMPS, DC WINDING RATED 12 VOLTS, 12.5 AMPS, 150 WATTS FOR CRANKING ENGINE. AC 5/22/42 MOD. WSS. TYPE OCT. 42 TRSEL</p>			<p>CMP 73013 EV GAS ENGINE GENERATOR SET: DUAL VOLTAGE 120/240/1/60, 55.0/27.5 A, 6.3 KVA, .80 PF, TEMP RISE 50°C CONTINUOUS, 1800 RPM, SELF-EXCITED DIRECT CONNECTED TO WISCONSIN ENGINE MODEL VE4, 17 HP, 4 CYLINDER, AIR-COOLED, MANUAL (CRANK) START MAGNETO IGNITION. GENERA- 8/13/42 MG-6 MODIFIED MAR. 43</p>				
CDO 73004-B	T&W-4									
<p>GASOLINE ENGINE-GENERATOR SET CONSISTS OF BED-PLATE, WATER PROOF COVER AND FOLLOWING: A CDO-18010-A, GASOLINE ENGINE DIRECT CONNECTED TO A CDO-21647 AC-DC GENERATOR.</p> <p>11/30/43 NOV. 43</p>			<p>EXCITATION AND RECHARGING BATTERY. ENGINE: 7 HP, 1800 RPM, 2 CYLINDER, 4 STROKE CYCLE. L-HEAD, WATERCOOLED, EQUIPPED WITH FLYBALL SPEED GOVERNOR AND 5 GAL. GASOLINE TANK. 50°C RISE.</p>			<p>CNP 73013 TOR SET TO INCLUDE CONTROL PANEL CONTAINING THE FOLLOWING ITEMS: VOLTMETER, AMPMETER, DUAL VOLTAGE REGULATOR TO AC-COMMODATE 120 OR 240 V, SWITCH AND RHEO-STAT, 2 POLE CIRCUIT BREAKER, EXCITER FIELD RHEOSTAT, 3-30 AMP AND 3-15 AMP PLUG-IN TYPE RECEPTACLES. INCLUDES 6 GAL GASOLINE TANK. EQUIPMENT NOT RADIO SHIELDED, OTHERWISE SAME AS CHP-73013A</p>				
CDO 73005	YC-1		CKC 73010	ER-2						
<p>GASOLINE ENGINE GENERATOR</p> <p>7/18/41 2981 REV 0 MAR. 42</p>			<p>GAS ENGINE GENERATOR SET: AUTOMATIC EMERGENCY PLANT RATED 1.5 KVA, 115/1/60, 13 AMPS AT 1 PF, 1200 RPM. IS EQUIPPED WITH HOLDOVER SWITCH WHICH WILL PERMIT OPERATION UP TO 15 MINUTES AFTER RETURN OF LINE VOLTAGE. STARTING RELAY OPERATES ON 115/1/60. GAS TANK CAPACITY 6/12/42 1E21 AUG. 42</p>			<p>CHP 73013A EV-1 GASOLINE ENGINE GENERATOR SET: DUAL MOTOR 120/240/1/60, 55/27.5 AMPS, 6.3 KVA, .8 PF, TEMP RISE 50°C CONTINUOUS, 1800 RPM, SELF-EXCITED DIRECT CONNECTED TO WISCONSIN ENGINE MODEL VE4, 17 HP, 4 CYLINDER, AIR-COOLED, MANUAL (CRANK) START, MAGNETO IGNITION. 9/24/42 MG-6 MODIFIED D-6407 MAR. 43 10/10/42</p>				
DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER

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Class 73—Combined Engine Generator Sets

3.73-3

NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION	NAVY TYPE DESIGNATION	FIRST ASSIGNED FOR	NAVY DRAWING OR SPECIFICATION
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CDO-73025-A EAK-1
 GASOLINE ENGINE GENERATOR
 SET: GENERATOR OUTPUT 12-14 VOLTS
 400 WATTS ENGINE, AIR COOLED 1 CYLINDER
 1 HP 1900 RPM 2400 RPM MAX DIRECT CON-
 NECTED. GENERATOR IS COMPOUND WOUND,
 SELF STARTING AND FULLY AUTOMATIC BATTER-
 Y CHARGES. SAME AS -73025 EXCEPT FOR (1)
 12/29/44 48S-8
 JAN. 45

CKC 73031
 12 HOURS CONTINUOUS. GAS ENGINE: 4
 CYLINDER, 4 CYCLE WATER COOLED. FOR
 STRAIGHT EMERGENCY USE ONLY. KARFUND
 SHOCK MOUNTED ENCLOSED. SAME AS TYPE
 -73010 EXCEPT (1) A FAIRBANKS-MORSE
 MAGNETO REPLACES BOSCH MAGNETO (2)
 TILLOTSON ADJUSTABLE CARBURETOR USED TO
 PERMIT OPERATION ON 60 TO 100 OCTANE GAS
 AND (3) A PURULATOR "N" OIL FILTER ADDED.

WIND- CDO-73025-A
 ING (2) NO GROUNDING (3) ADDITION OF A
 VOLTMETER (4) ADDITION OF A FILTER.

CDO-73032 EAN
 GASOLINE ENGINE GENERATOR
 SET: ENGINE: 3.4 HP, 2 CYLINDERS AP-
 PROVED, 4 CYCLE, L-HEAD, AIR-COOLED,
 SELF-STARTING. GENERATOR: 115/1/60, 2
 KW, 1800 RPM, 4 POLE, SELF EXCITED, 40°C
 CONT., RADIO SHIELDED, 17.4 AMPS, 1.0 PF.

6/13/44 OTC-45GN 17642
 OCT. 44

CDO-73026 MARK 20
 GASOLINE ENGINE GENERATOR
 SET:
 GENERATOR OUTPUT: 24 VOLTS DC AND
 115/1/400, 4 CYLINDER.

CHP-73033 SG-25 RE9097-A
 GASOLINE ENGINE GENERATOR
 SET: CONSISTS OF A WILLY'S GASOLINE
 ENGINE AND AN AC GENERATOR RATED 7.5 KW
 @ 80% PF, 115/1/60, 82 AMPS, 1800 RPM.

11/4/43 OFA-42 ES 398951
 FEB. 45 CW:KS-5896 ISSUE 1

7/19/44 (CMP)D-6448
 OCT. 44 CHGE E

CDO 73027 MAH
 GASOLINE ENGINE GENERATOR SET
 SINGLE CYLINDER, 4 CYCLE, EL HEAD,
 2,200 RPM AIR COOLED, 2 1/4" BORE, 2 1/4
 STROKE GAS ENGINE. GENERATOR: 28 VOLTS
 DC, 10.7 AMPS, 300 WATT, 4 POLE. ENGINE
 IS MANUALLY STARTED.

CDO-73034 EAS
 GASOLINE ENGINE GENERATOR
 SET: GENERATOR OUTPUT: 24V DC, 65
 AMPS, 2000 WATTS. ENGINE, AIR COOLED,
 2 CYLINDERS BORE 2 3/4"; STROKE 2 1/4";
 MAGNETO IGNITION; DOWN DRAFT TYPE ZENITH
 CARBURETOR MODEL TU3; 4 STROKE CYCLE;
 L-HEAD.
 3/27/45 OTC-15DGN
 APR. 45

11/12/43 42M-2 CW:KS-5816L01
 NOV. 43 ISSUE 2

CDO 73028 MAH
 ENGINE GENERATOR ASSEMBLY
 CONSISTS OF 1 TYPE -73027 GAS ENGINE
 GENERATOR SET, 1 TYPE -10278 SUBHERSION-
 PROOF CASE, 1 SPARE PARTS BOX.

CDO-73035 SO-12M/12N
 GASOLINE ENGINE GENERATOR SET
 CONSISTS OF A HERCULES ZX3 2 5/8" X 3"
 ENGINE AND GENERATOR RATED 115/1/60,
 43.5A., 3600 RPM, AUTOMATIC OR MANUAL
 VOLTAGE CONTROL OUTPUT: 5KW.

11/12/43 CW:KS-5816601
 NOV. 43 ISSUE 2

5/12/45 OL-27
 MAY 45 REV 0

CAJG 73029 SK-1M
 GASOLINE ENGINE GENERATOR SET
 MOTOR CONSISTS OF WILLYS-OVERLAND "JEEP"
 TYPE ENGINE. GENERATOR RATED 120 VOLTS,
 THREE PHASE, 60 CYCLES, 15 KW, 18.75 KVA,
 0.8 PF, 1800 RPM, 4 POLE.

1/2/44 GWC:315S P-766355T
 DEC. 44 REV 0

CCW 73030 EAL
 GASOLINE ENGINE GENERATOR SET
 OUTPUT: 350 WATTS FOR CHARGING 12 VOLT
 BATTERY AND 175 WATTS FOR CHARGING 6
 VOLT BATTERY WITH SPEED OF 2350 RPM.
 RATED TEMPERATURE RISE IS 50°C.

*SIGNAL CORPS TYPE PE-167
 1/8/44 CCW:3DP2 PHOTO
 CBG:NP GAS ENGINE*

CKC 73031 ER-4
 GASOLINE ENGINE GENERATOR SET
 AUTOMATIC EMERGENCY PLANT RATED: 1.5 KVA,
 115/1/60, 13 AMPS AT 1 PF, 1200 RPM. IS
 EQUIPPED WITH HOLDOVER SWITCH WHICH WILL
 PERMIT OPERATION UP TO 15 MINUTES AFTER
 RETURN OF LINE VOLTAGE. STARTING RELAY
 OPERATES ON 115/1/60. GAS TANK CAPACITY:
 1/14/44 IE21
 JULY 44

DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER	ASSIGNED ISSUED	DATE	MANUFACTURER'S DESIGNATION	MANUFACTURER'S DRAWING NUMBER
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