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[*SGML Version See Change Record*]
TECHNICAL MANUAL

**KETTLE, STEAM JACKETED
PER
MIL-K-22565**

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CHAPTER 1

INSTALLATION INSTRUCTIONS

1. Connect Steam Supply Line to steam inlet fitting. For best operation of the unit, the steam supply line should be the full size of the steam inlet fitting. For convenience a steam control valve may be installed in the steam inlet line near the kettle..
2. Connect condensate return line to steam outlet connection. A suitable steam trap should be installed in the condensate return line near the kettle.
3. The safety valve is sealed and adjusted to blow off at the operating pressure stamped on the kettle. Do not remove the seal to adjust the valve. This safety valve outlet is fitted with a 3/4" iron pipe thread. Do not plug or close this opening.
4. If the steam supply pressure is greater than the working pressure stamped on the kettle, it is recommended that a pressure reducing valve be installed in the steam supply line near the kettle.

OPERATING INSTRUCTIONS

1. To operate kettle, open valve in steam inlet line.
2. Check steam trap to be sure it is discharging a condensate.
3. Check operation of the safety valve by operating the lever until steam is discharged from the valve.
4. The working pressure stamped on the kettle indicated the pressure for which the kettle was designed. The kettle may be operated efficiently, using steam pressures from approximately 8 lbs. up to the working pressure stamped on the kettle.

MAINTENANCE INSTRUCTIONS

1. The interior surfaces of the kettle and cover may be cleaned the same as other stainless steel utensils.
2. Steel wool is not recommended for cleaning the interior surfaces of steam jacketed kettles. If steel wool is used, small particles of steel may become embedded in the stainless steel surface. These small particles of steel may corrode and pit the surface of the kettle.

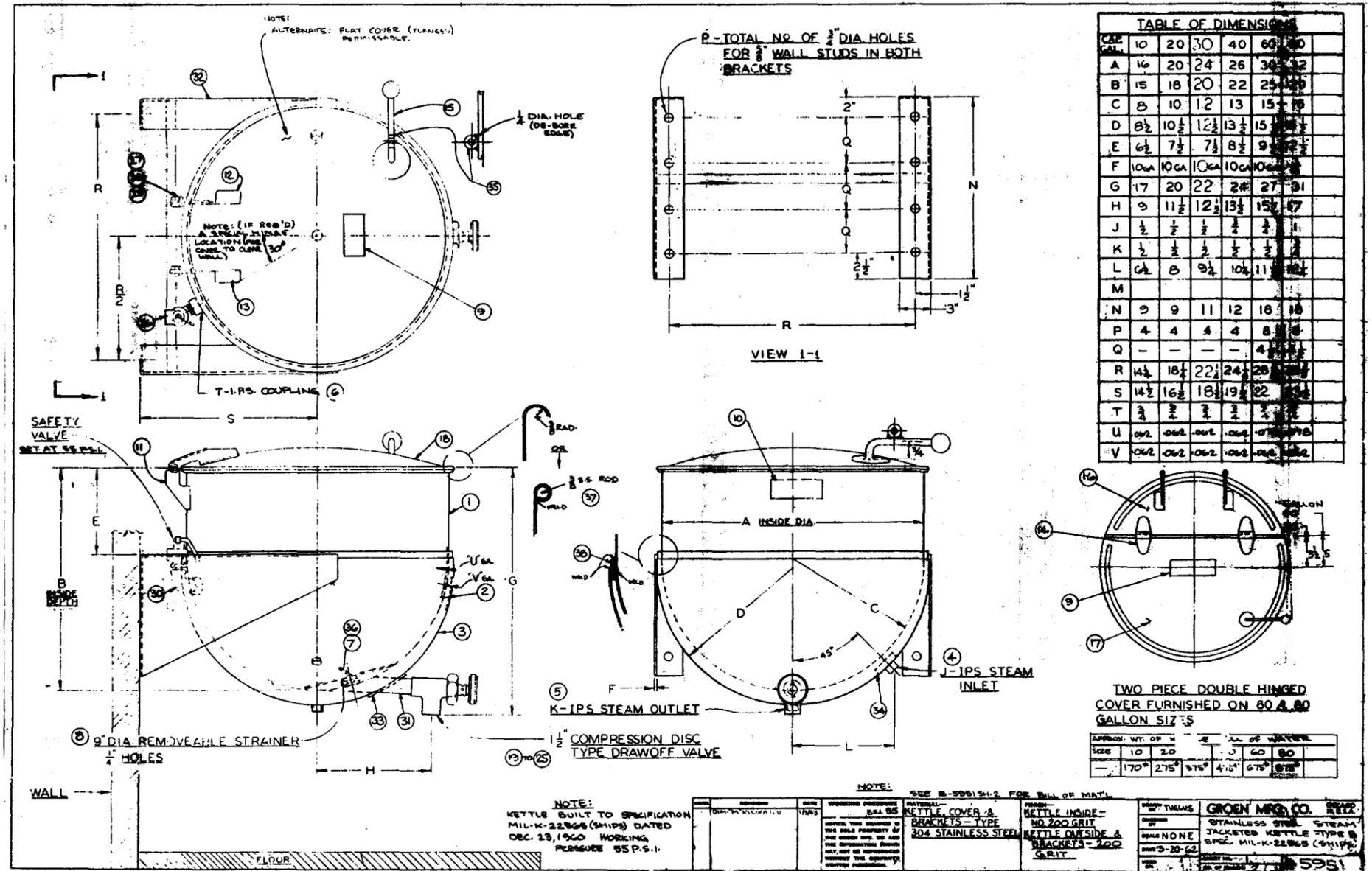
PARTS LIST - KETTLE STEAM JACKETED, MIL-K-22565 DATED DEC.22, 1960

GROEN PART NUMBER	PART NAME
9000	Drawoff Valve Assembly
8911	Hex Nut
9024	Bonnet
9027	Stem
9028	Wing Nut
9029	Handle
9034	"O" Ring
9406	Strainer (MIL-L-16035)

PARTS LIST - KETTLE STEAM JACKETED, MIL-K-22565 DATED

DEC.22, 1960 - Continued

GROEN PART NUMBER	PART NAME
12245	Latch Assembly (MIL-L-16045A)
12269	Safety Valve-55 P.S.I.



STAINLESS STEEL STEAM JACKETED KETTLE, TYPE B (Sheet 1)

BILL OF MATERIAL									
QUANTITY FOR ONE UNIT (ANY SIZE)									
KETTLE SIZE					GROEN PART NOS				
ITEM	NAME	QTY	SPECIFICATION	10	20	30	40	60	80
1	TOP	1	CL-304-QQ-S-766						
2	INNER SHELL	1	" " " "						
3	OUTER SHELL	1	" " " "						
4	"J" I.P.S. COUPLING	1	" " " "	10001			10002		10003
5	"K" I.P.S. COUPLING	1	" " " "			10001			10002
6	"T" I.P.S. COUPLING	1	" " " "			10002			
7	STRAINER LATCH ASSEM	1	" " " "			12245			
8	STRAINER	1	" " " "			9406			
9	NAMEPLATE	1	" " " "			12149			
10	NAMEPLATE	1	" " " "			12277			
11	HINGE HALF	2	" " " "			2215			
12	RT. HD. HINGE	1	" " " "			2204			
13	LT. HD. HINGE	1	" " " "			2206			
14	COVER HINGE	2	" " " "						1166
15	HANDLE ASSEM.	1	" " " "			8236			
16	COVER HALF	1	" " " "						
17	COVER HALF	1	" " " "						
18	COVER I.P.C.	1	" " " "	2253	2254				
19	1/2 DRAWOFF ASSEM	1	NICKEL ALLOY			9000			
20	STEM	1	" " " "			9027			
21	BONNET	1	" " " "			9024			
22	"O" RING	1	RUBBER			9034			
23	HEX. NUT	1	NICKEL ALLOY			8911			
24	HANDLE	1	DUREZ PHENOLIC #1544			9029			
25	WING NUT	1	CL-304-QQ-S-766			9028			
26	55 P.S.I. SAFETY VALVE	1	BRASS CHR. PL.			12269			
27	HEX. HD. 1/2-20 SCR.	2	CL-304-QQ-S-766			2212			
28	WASHER 1/2 I.D.	4	BRASS			2213			
29	HEX. NUT 1/2-20	2	CL-304-QQ-S-766			2218			
30	3/4 I.P.S. STREET ELB	1	BRASS CHR. PL.			10668			
31	1/2 DRAWOFF TUBE	1	CL-304-QQ-S-766						
32	WALL BRACKET ASSEM	1	" " " "						
33	DRAWOFF COLLAR	1	" " " "			5536			
34	STEAM BAFFLE	1	" " " "			10199			
35	ROPE EYELET	9	" " " "						
36	STRIKE PIN	1	" " " "			12266			
37	3/8 DIA. 20 BAR	1	CL-430-QQ-S-766	83 1/4	77	83 1/4	85 7/8	102 1/8	
38	3/8 x 1/4 PL. BAR	1	" " " "	58 3/4	77	83 1/4	85 7/8	102 1/8	

SPARE PARTS ONLY WHEN REQ'D BY CONTRACT

NOTE:
REFER TO DWG. D-5951
SH.1 FOR "ITEM" IDENTIFICATION:

B-5951	DRAWN TUE/LWS	GROEN MFG. CO. ELK GROVE VILLAGE, ILLINOIS, U.S.A. STAINLESS STEEL STEAM JACKETED KETTLE TYPE B SPEC. MIL-K-22565 (SHIPS)
	CHECKED	
	SCALE ~	
	DATE 3/62	
	I/M No.	
USED 66966	PART No.	
	SHEET 2 of 2	B-5951

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