



F3502-0120-PL SH1 FMF Argon Disbursement to Casting Furnace Parts List

July 1986

Changing the World's Energy Future

Doug Porter



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PART NO.	DRAWING NO.	PART NAME OR DESCRIPTION	REMARKS	FOR PURCH. PARTS ONLY MATERIAL QTY.
	F3502-0120-EE	ARGON DISTRIBUTION TO CASTING FURNACE	2 SHEETS	
1	F3502-0121-EE	FLOWMETER TABLET ASBY	SEE F3502-0121-EE	1
2	F3502-0124-EE	RIGHT ENCLOSURE		1
3	F3502-0125-EE	LEFT ENCLOSURE		1
4	F3502-0126-EE	COVER ENCLOSURE		2
5		SOLENOID VALVE $\frac{1}{2}$ " #B-1010-134 120V 60HZ	(CV-1) (CV-11) OR EQUAL	MFG STD 2
		A200		
6		SOLENOID VALVE $\frac{1}{2}$ " #B-1010-D2 120V 60HZ A200	(CV-1) (CV-11) OR EQUAL	MFG STD 2
7		REGULATOR $\frac{1}{2}$ " #B-804 FLUID POWER DIV.	OR EQUAL	MFG STD 2
8		GAUGE $\frac{1}{2}$ " CHECK VALVE #P43782 WABCO FLUID POWER DIV.	OR EQUAL	MFG STD 2
SYM. CHANGE BY CK. DATE 1 DWH F3502-019 4/2 7/8 1952 THIS PARTS LIST IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY ASSEMBLY FIVE ARGON DISTRIBUTION TO CASTING FURNACE APP'D CHECKED DRAWN SHEET 1 OF 5 ASSEMBLY NO. F3502-0120-EE/1				

PART NO.	DRAWING NO.	PART NAME OR DESCRIPTION	REMARKS	FOR PURCH. PARTS ONLY MATERIAL QTY.
19		UNION $\frac{1}{4}$ " #B-400-6 SWAGELOK	OR EQUAL	MFG STD 1
19		UNION TEE $\frac{1}{4}$ " #B-400-3 SWAGELOK	OR EQUAL	MFG STD 2
20		MALE ELL $\frac{1}{2}$ " TEE $\frac{1}{2}$ " NPT #B-1010-2-8 SWAGELOK	OR EQUAL	MFG STD 1
21		BUSHING-REDUCING $\frac{1}{2}$ " NPT $\frac{1}{2}$ " NPT #B-12-22-8 CANN	OR EQUAL	MFG STD 1
22		BULK HEAD FEMALE CONNECTOR #B-400-11-4 SWAGELOK	OR EQUAL	MFG STD 2
23		QUICK-CONNECT STEM $\frac{1}{2}$ " #B-604-5-4PM SWAGELOK	OR EQUAL	MFG STD 2
24		QUICK-CONNECT BODY $\frac{1}{2}$ " #B-604-5-4PM SWAGELOK	OR EQUAL	MFG STD 2
25		UNION TEE $\frac{1}{2}$ " #B-810-2 SWAGELOK	OR EQUAL	MFG STD 2
26		REDUCER $\frac{1}{2}$ " #B-400-2-8 SWAGELOK	OR EQUAL	MFG STD 3
SYM. CHANGE BY CK. DATE THIS PARTS LIST IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY ASSEMBLY FIVE ARGON DISTRIBUTION TO CASTING FURNACE APP'D CHECKED DRAWN SHEET 2 OF 5 ASSEMBLY NO. F3502-0120-EE/1				

PART NO.	DRAWING NO.	PART NAME OR DESCRIPTION	REMARKS	FOR PURCH. PARTS ONLY MATERIAL QTY.
3		PRESSURE SWITCH 0-30 PSI G/3B Hg SERIES	OR EQUAL	MFG STD 1
		B30-0016 ROBITECH		
10		VALVE-BALL $\frac{1}{2}$ " #B-434 WHITEY	OR EQUAL	MFG STD 1
11		MALE CONNECTOR FEMALE $\frac{1}{2}$ " NPT #B-1010-1-8 SWAGELOK	OR EQUAL	MFG STD 11
12		MALE CONNECTOR $\frac{1}{2}$ " NPT $\frac{1}{2}$ " NPT #B-1010-1-8 SWAGELOK	OR EQUAL	MFG STD 4
13		UNION ELBOW $\frac{1}{2}$ " #B-1010-3 SWAGELOK	OR EQUAL	MFG STD 14
14		UNION TEE $\frac{1}{2}$ " #B-1010-3 SWAGELOK	OR EQUAL	MFG STD 3
15		FEMALE ELL $\frac{1}{2}$ " #B-1010-2-8 SWAGELOK	OR EQUAL	MFG STD 1
16		TEE $\frac{1}{2}$ " #B-1010-3 T	OR EQUAL	MFG STD 1
17		UNION $\frac{1}{2}$ " #B-1010-6 SWAGELOK	OR EQUAL	MFG STD 6
SYM. CHANGE BY CK. DATE THIS PARTS LIST IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY ASSEMBLY FIVE ARGON DISTRIBUTION TO CASTING FURNACE APP'D CHECKED DRAWN SHEET 2 OF 5 ASSEMBLY NO. F3502-0120-EE/1				

PART NO.	DRAWING NO.	PART NAME OR DESCRIPTION	REMARKS	FOR PURCH. PARTS ONLY MATERIAL QTY.
27		BULKHEAD FEMALE CONNECTOR #B-810-71-8 SWAGELOK	OR EQUAL	MFG STD 4
28		STREET ELBOW $\frac{1}{2}$ " #B-810-2 CANN	OR EQUAL	MFG STD 2
29		TUBE $\frac{1}{2}$ " OD X .040 WALL TYPE "K" $\frac{1}{2}$ " NOM DIA	OR EQUAL	MFG STD 120
30		TUBE $\frac{1}{2}$ " OD X .040 WALL TYPE "K" $\frac{1}{2}$ " NOM DIA	OR EQUAL	MFG STD 30
31		TUBE $\frac{1}{2}$ " OD X .035 WALL	OR EQUAL	MFG STD 30
32		THREADED ROD $\frac{1}{4}$ " 20 UNF 2A X 15 $\frac{1}{2}$ " LONG	OR EQUAL	MFG STD 4
33		NUT-HEX $\frac{1}{4}$ " 20 UNF 2A	OR EQUAL	MFG STD 10
34		SCREW-PAN HD SLOTTED #6 SELF TAPPING TYPE B X $\frac{1}{2}$ " LONG	OR EQUAL	MFG STD 20
35		HOSE $\frac{1}{2}$ " ID #B-11-4 PARKER NANNETT CORP.	OR EQUAL	MFG STD 20
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