

LOX CONVERTERS

LOX Converters are currently being or have been used on many of the Department of Defense aircraft, including the A-7, A-10, F-4, F-5, F-15, F-16, F-18, F-111, F-117, T-2, T-38, A-6, EA-6B, E-2C, S3, C-5, C-17, C-130, C-141, KC-135, HC-130 and the B-52 aircraft.

- Safe, lightweight and compact
- Internally mounted capacitance probe
- Stainless steel construction
- High vacuum insulation



5L LOX CONVERTER | Removable
P/N 10C-0020-9 (MB-5A)
NSN 1660-00-327-7048
MIL-DTL-19328



5L LOX CONVERTER | Fixed
P/N 10C-0021-5 (GCU-12A/A)
NSN 1660-00-148-9239
MIL-DTL-25666/4



CAPACITY
(W" x L" x H")
WEIGHT, FULL
WEIGHT, EMPTY
TOTAL GASEOUS VOLUME
OPERATING PRESSURE
MAX FLOW RATE
OPERATING TEMP.
MOUNTING
INDICATOR
FILL CONNECTION
PLUMBING CONNECTIONS
ELECTRICAL CONNECTIONS

	5 LITER REMOVABLE	5 LITER FIXED	7 LITER REMOVABLE
CAPACITY (W" x L" x H")	5 Liters 12.4 x 15 x 9.5	5 Liters 11.7 x 12.8 x 9.3	7 Liters 7.3 x 7.3 x 29
WEIGHT, FULL	28 lbs	25 lbs	39 lbs
WEIGHT, EMPTY	15 lbs	12 lbs	21 lbs
TOTAL GASEOUS VOLUME	4,300 Liters	4,300 Liters	6,020 Liters
OPERATING PRESSURE	75-120 PSIG	75-120 PSIG	75-120 PSIG
MAX FLOW RATE	72 LPM	72 LPM	50 LPM
OPERATING TEMP.	-65° F to 260° F	-65° F to 260° F	-20° F to 120° F
MOUNTING	Base plate with a single wing nut for easy removal	Four (4) Mounting bolts	Two (2) quick release band clamps
INDICATOR	-	-	Remote mounted indicator
FILL CONNECTION	CRU-50/A MIL-PRF-25961 Combo Valve	M533656-6	CRU-50/A Fill Valve
PLUMBING CONNECTIONS	Two (2) quick disconnect	Five (5)	One (1) quick disconnect
ELECTRICAL CONNECTIONS	Two (2) quick disconnect	Two (2) quick disconnect	One (1) quick disconnect

7L LOX CONVERTER | Removable
P/N 10C-0059-7



10 L LOX CONVERTER | Removable
P/N 10C-0016-16 (GCU-24A/A)
NSN 1660-01-179-4064
MIL-DTL-19803



10 L LOX CONVERTER | Fixed
P/N 10C-0005-11 (GCU-2 A/A)
NSN 1660-00-078-8227
MIL-DTL-25666/1



AEROMEDICAL LOX SYSTEM MODEL 526 READY TO INSTALL (RTI) | Removable
P/N 10C-0045-10, -11, -12



25 L LOX CONVERTER | Fixed
P/N 10C-0001-26 (GCU-17/A)
NSN 1660-00-122-8101
MIL-DTL-25666/5

P/N 10C-0002-25 (ME-3)
NSN 1660-00-915-9673
MIL-DTL-25666/7



75 L LOX CONVERTER | Fixed
P/N 10C-0012-75 (GCU-20/A)
NSN 1660-00-079-4359
MIL-DTL-25666/6



	10 LITER REMOVABLE	10 LITER FIXED	RTI REMOVABLE	25 LITER FIXED	75 LITER FIXED
CAPACITY (W" x L" x H")	10 Liters 12.4 x 15 x 12.5	10 Liters 12.8 x 12.9 x 12.7	10 Liters 16 x 18.5 x 18.5	25 Liters 19.8 x 19.3 x 17.5	75 Liters 23.5 x 23.5 x 24
WEIGHT, FULL	44 lbs	38 lbs	75 lbs	96 lbs	275 lbs
WEIGHT, EMPTY	18 lbs	12 lbs	50 lbs	33 lbs	85 lbs
TOTAL GASEOUS VOLUME	8,600 Liters	8,600 Liters	8,600 Liters	21,500 Liters	64,500 Liters
OPERATING PRESSURE	75-120 PSIG	75-120 PSIG	75-120 PSIG	300-380 PSIG	300-380 PSIG
MAX FLOW RATE	72 LPM	72 LPM	100 LPM	150 LPM	400 LPM
OPERATING TEMP.	-65° F to 260° F	-65° F to 260° F	-65° F to 260° F	-65° F to 260° F	-65° F to 260° F
MOUNTING	Base Plate with a single wing nut for easy removal	Four (4) mounting bolts	Enclosure: four (4) aircraft seat track fittings, 10 Liter: base plate with a single wing nut	Three (3) mounting bolts	Four (4) mounting bolts
PLUMBING CONNECTIONS	Two (2) Quick Disconnect	Five (5)	Two (2)	Five (5)	Five (5)
ELECTRICAL CONNECTIONS	Two (2) Quick Disconnect	Two (2) Quick Disconnect	Two (2) Quick Disconnect Plus Power Connection	Two (2) Quick Disconnect	Two (2) Quick Disconnect