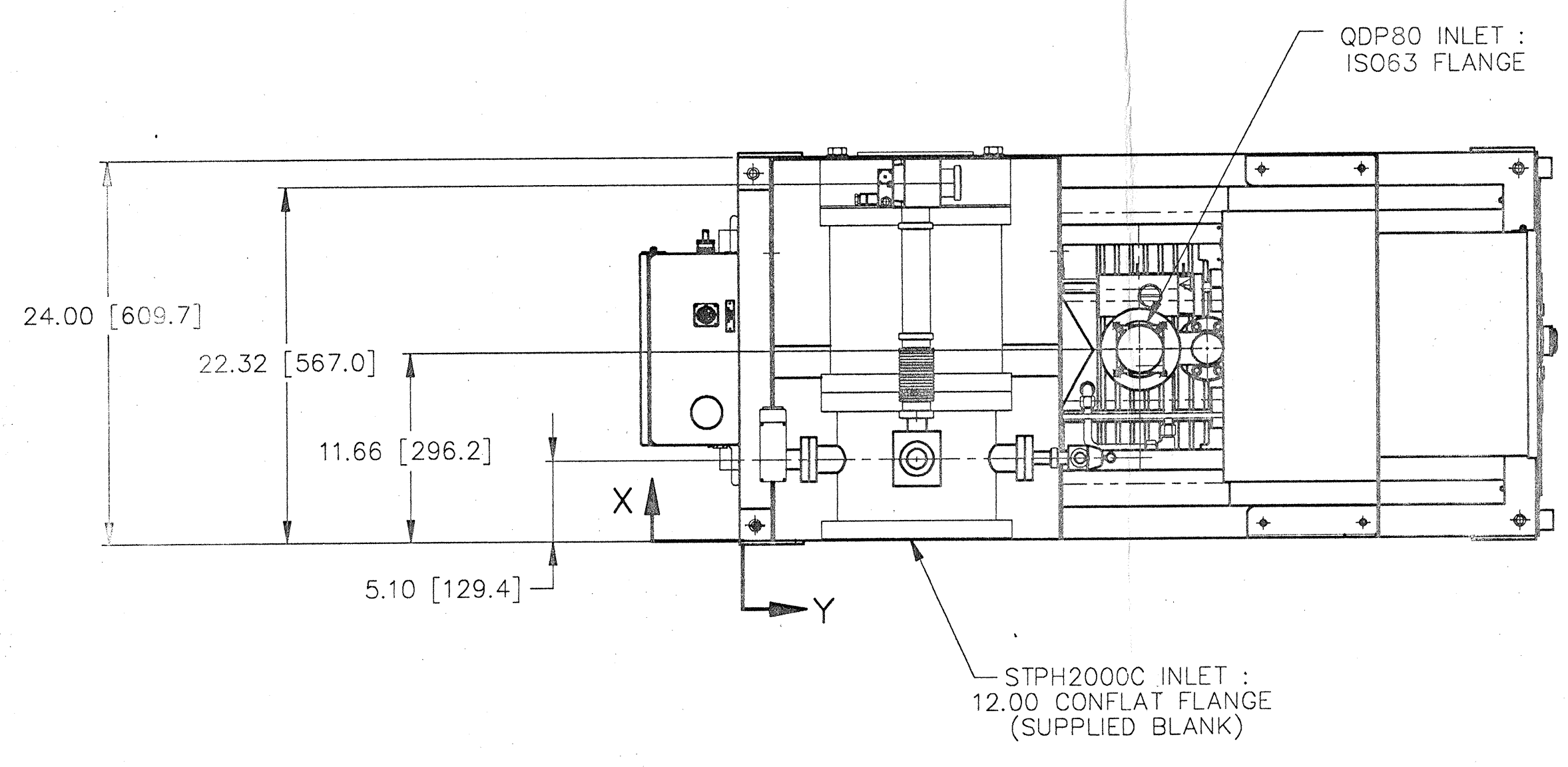


FACILITY REQUIREMENTS	
NITROGEN	
SUPPLY PRESSURE	
MINIMUM SUPPLY PRESSURE	
MAXIMUM SUPPLY PRESSURE	
FLOWRATE	
.50 S/S SWAGelok COMPRESSION	
PROCESS COOLING WATER	
MAXIMUM PRESSURE	
MINIMUM PRESSURE DIFFERENTIAL	
TYPICAL FLOWRATE AT 70°C.	
MAXIMUM FLOWRATE AT 55°C.	
RECOMMENDED SUPPLY TEMP.	
.75 NPT CONNECTION	

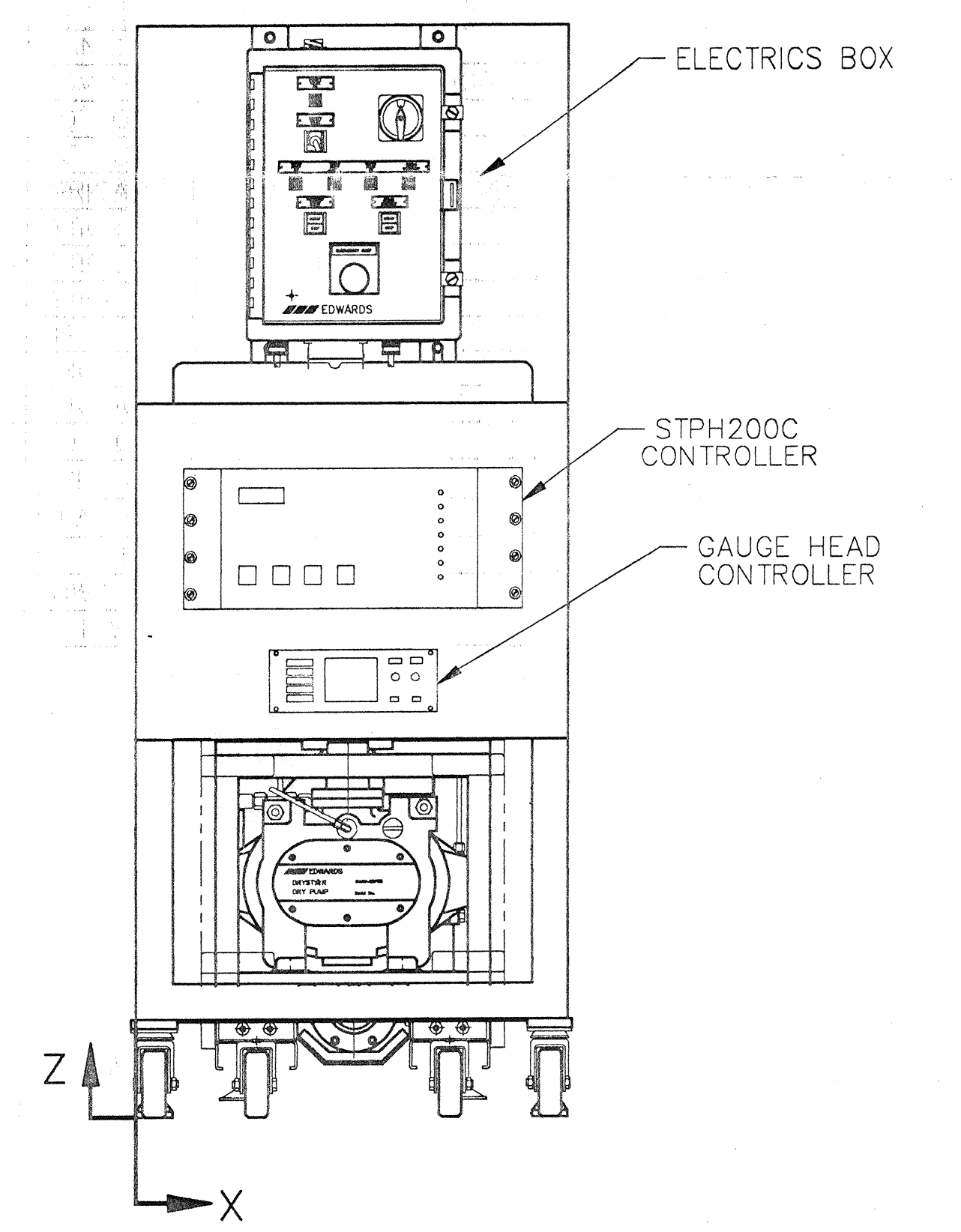
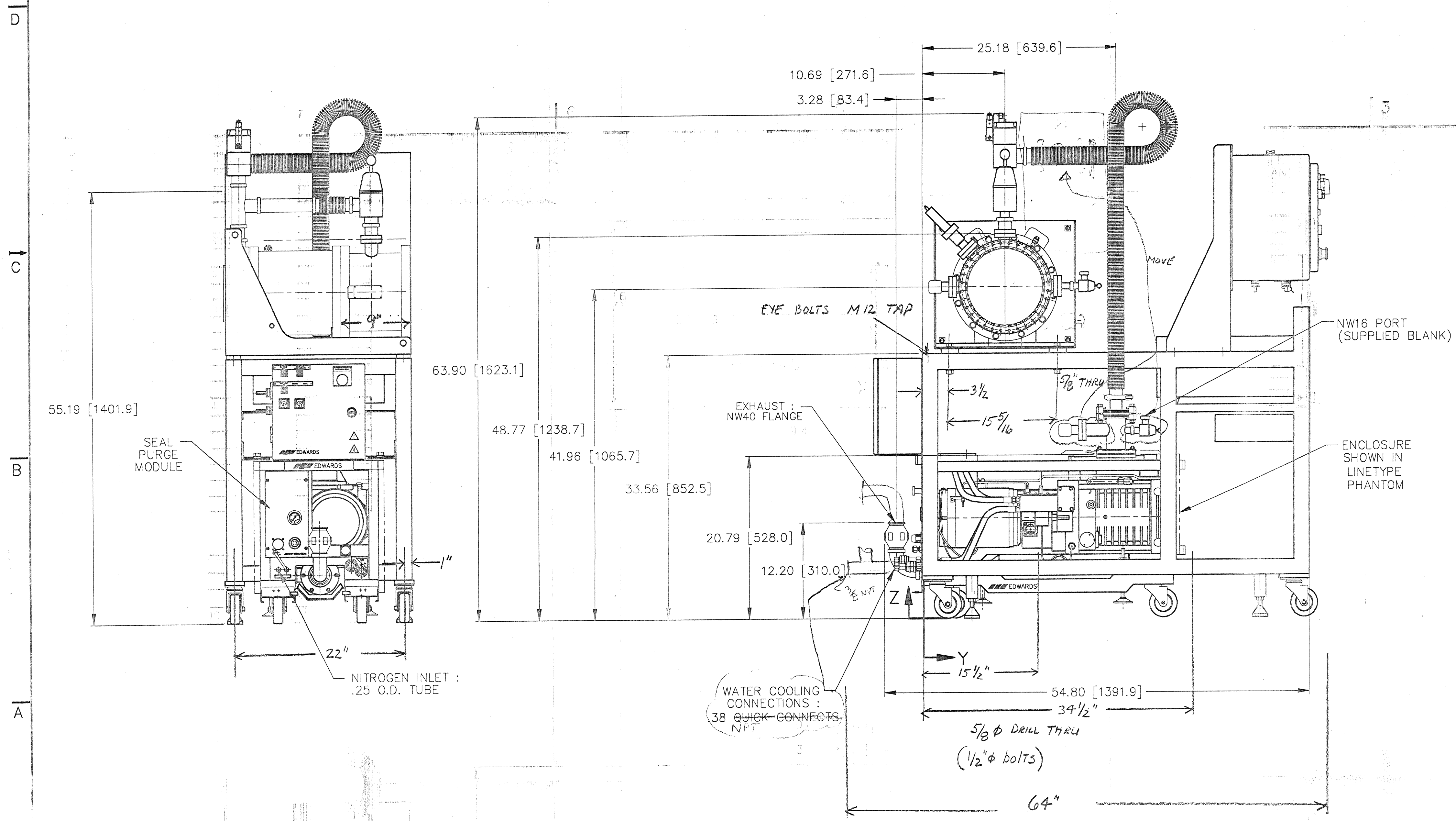
ELECTRICAL	
SUPPLY	
FULL LOAD APERAGE	
RECOMMENDED SERVICE	

CONFLAT TORQUE SPEC.		
SIZE	BOLT	TORQUE
2.75	1/4-28 x 1.25	16 FT LB MAX.
12.00	5/16-24 x 3.00	26 FT LB MAX.



PART NO.	QNTY.	DESCRIPTION	DWG. NO.	MATERIAL
1	1	MECHANICAL DRYPUMP : QDP80		
1	1	TURBOMOLECULAR PUMP : STPH2000		
2	1	TURBO CONTROLLER		
3	1	GAUGE CONTROLLER 937		
4	1	ELECTRICAL ENCLOSURE		
5	1	ISOLATION VALVE : SIPV40P		
6	1	ISOLATION VALVE : PV40MK		
7	1	ISOLATION VALVE : PV16MK		
8	1	FRAME		
9	1	CONTROLLER MOUNTING PLATE		
10	1	ELECTRICAL ENCLOSURE MOUNTING BRACKET		
11	1	TURBO MOUNTING PLATE		
12	1	BASEPLATE ISOLATORS		
13	1	CONFLAT SPOOL		
14	1	SPOOL : ISO63 x NW40		
15	1	BELLOWS : NW40		
16	1	TEE : NW40		

DRAFT : DIMENSION PRINT ONLY

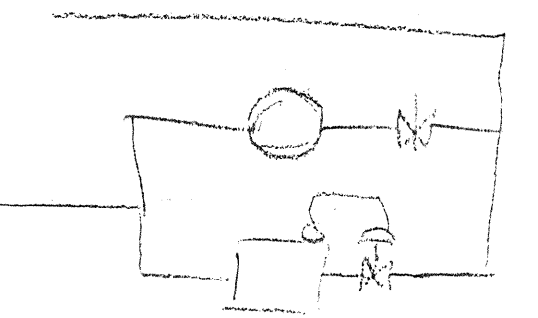


MARK UP 2/7/96

CUSTOMER SPEC. : VO49-2-002

CENTER OF GRAVITY				
DESCRIPTION	WT.	X	Y	Z
QDP80	445 LBS.			
STP2000/CART	450 LBS.			
QDP80/STP2000/CART				

WATER COOLING CONNECTIONS : 3/8\"/>



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EDWARDS HIGH VACUUM INTERNATIONAL GRAND ISLAND, NEW YORK 14072 A Division of the BOC Group, Inc.			
No.	Revision	Date	By
1	YS	12-28-95	
Checked	Scale	1/8"=1.00	
Approved	RFQ No.	8490	
Non-Std No.	NG8050100	Dwg. No.	D-4507-A
Customer	PSI		

L160-D960520-00-V