

REVISIONS				
ZONE	REV	EO NO.	DESCRIPTION	DATE
0	0	RDS-220	ORIGINAL DRAWING RELEASE	11/01/2001
				E. CZECHOWSKI

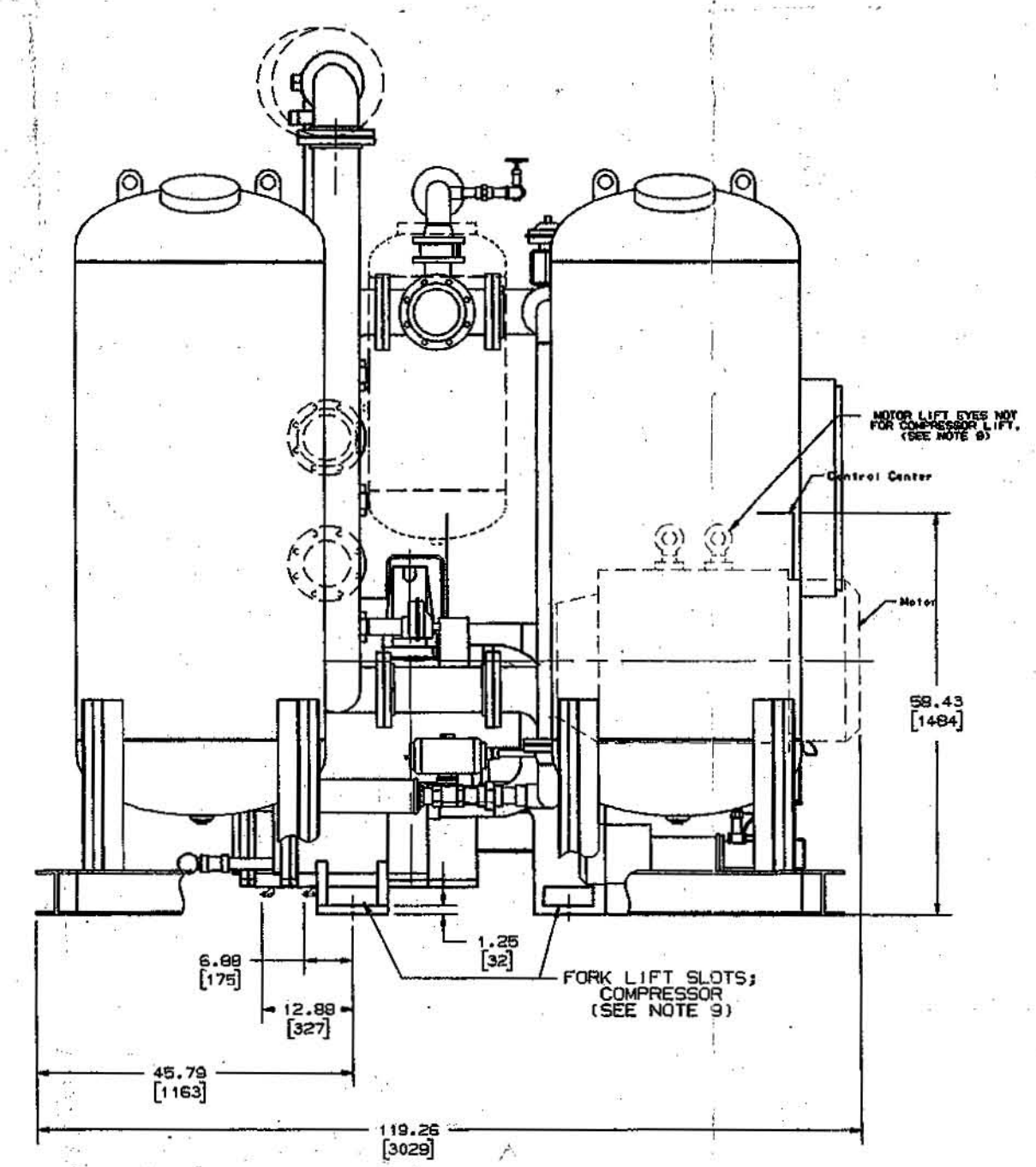
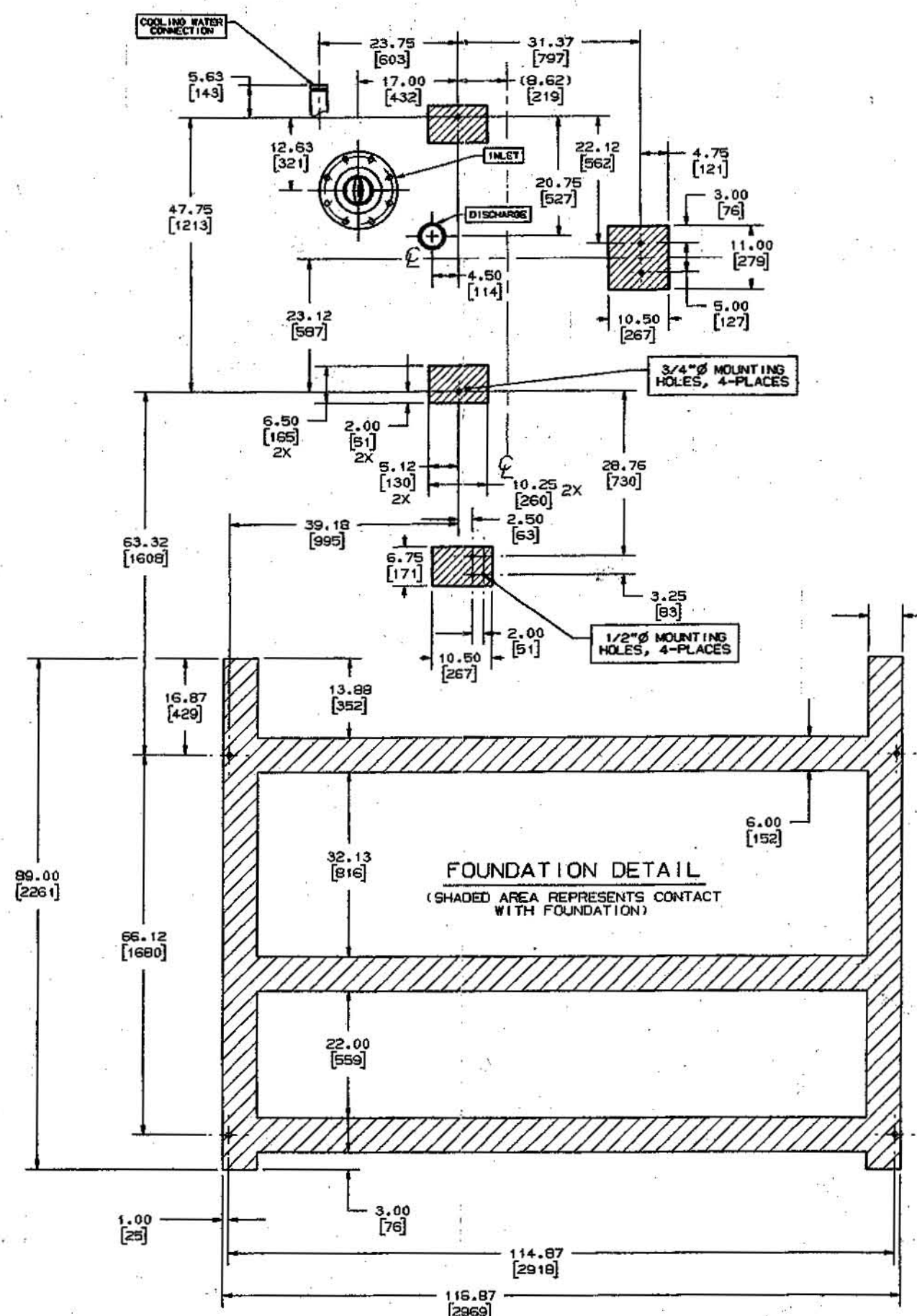
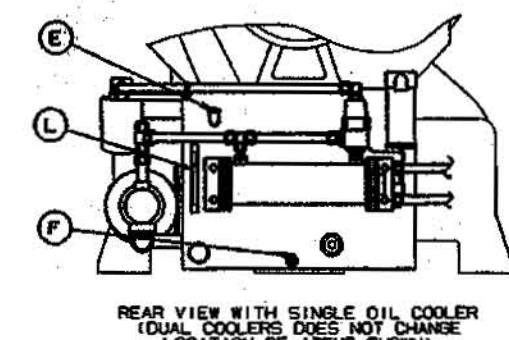
CUSTOMER CONNECTIONS	
CONNECTION	DESCRIPTION
1 COMPRESSOR INLET	8" - 150# FLAT FACE FLANGE
2 COMPRESSOR DISCHARGE	4" - 150# RAISED FACE FLANGE
3 COOLING WATER INLET	2-1/2" - 150# VICTAULIC CONNECTION
4 COOLING WATER DISCHARGE	2-1/2" - 150# VICTAULIC CONNECTION
5 OIL TANK - FILL	3/4" NPTF, (PLUGGED)
6 OIL TANK - DRAIN	3/4" NPTF, VALVE (PLUGGED)
7 INSTR. AIR SUPPLY FOR AIR SELECTOR	3/8" NPTF, (PLUGGED)
8 CONDENSATE DRAIN - INTERCOOLERS	1/2" NPTF, (PLUGGED)
9 CONTROL CENTER ELECTRICAL ACCESS	4" DIA. ELECTRICAL CONNECTION
10 OIL SIGHT GAUGE	N/A
11 SYSTEM PRESSURE	1/4" TUBE FITTING
12 DISCHARGE PRESSURE	1/4" TUBE FITTING (CONNECTED BY COOPER)
13 DRYER DISCHARGE	4" - 150# RAISED FACE FLANGE
14 DESICCANT FILL	MANWAY - SEE DRYER INSTRUCTIONS
15 DESICCANT DRAIN	PLUGGED NPT - SEE DRYER INSTRUCTIONS
16 AUTO BLOCK VALVE	1/2" NPTF.

- NOTES:
- THE PURCHASER IS TO PROVIDE FOUNDATION BOLTS, NUTS, SHIMS AS WELL AS INLET/DISCHARGE PIPING.
 - ALL DIMENSIONS ARE LIMITED TO A TOLERANCE OF .25" (6.35mm) UNLESS LIMIT DIMENSIONS APPLY. FINAL PIPING TO THE COMPRESSOR/DRYER SHOULD BE FIELD FABRICATED TO INSURE PROPER ALIGNMENT.
 - ALL FORCES/MOMENTS EXERTED BY EXTERNAL PIPING CONNECTIONS AT THE DISCHARGE CONNECTION (2) TO THE COMPRESSOR MUST NOT EXCEED A MAX. FORCE OF 200 lbs (890N) & A MAX. MOMENT OF 100 ft-lb (136Nm).
 - OIL TANK FILL 15-30 U.S. GALLONS (114 LITERS). SEE OPERATOR'S MANUAL FOR LUBE OIL SPECIFICATIONS.
 - COMPRESSOR PACKAGE WEIGHT INCLUDING DRIVE MOTOR IS APPROXIMATELY 7500 lbs (3400kg.). DRYER WEIGHT WITH MOUNTED AFTERFILTER IS 7,727 lbs. (3,505kg.) WITH DESICCANT CHARGE- 10,997 lbs. (4943kg.).
 - DIMENSIONS ARE IN INCHES (mm).
 - WATER REQUIREMENTS: 500 & 350 GPM @ 85°F.
 - STANDARD CONTROL CENTER INCLUDES:
 - MAIN-DRIVE MOTOR STARTER
 - PUMP MOTOR STARTER & OPTIONAL HEATER CONTACTOR
 - QUAD 2000 MICROPROCESSOR CONTROL
 - FORK LIFT SLOTS ARE PROVIDED FOR HANDLING COMPRESSOR & DRYER. SEE OPERATORS MANUAL FOR LIFTING INSTRUCTIONS AND HOISTING DIRECTIONS.
 - WHEN LIFTING PACKAGE, DO NOT LIFT EITHER COMPRESSOR OR DRYER WHILE STILL CONNECTED IN ANY WAY.
 - FRONT TOWER HAS BEEN REMOVED FOR CLARITY.

CERTIFIED FOR

☐ FOUNDATION
 ☐ INFORMATION
 ☐ APPROVAL
 ☒ RECORD

CUST. Scalco Air Comp
 CUST. P.O. 3101922-00
 COOPER NO. F12899
 BY EB DATE NOV 12 2001



GEOMETRIC CHARACTERISTICS AND SYMBOLS			
— FLATNESS	⊕ TRUE POSITION	⊥ COUNTERBORE/SPOTFACE	DATE
— STRAIGHTNESS	⊙ CONCENTRICITY	∅ DIAMETER/CYLINDRICAL ZONE	11/01/2001
○ CIRCULARITY	⊖ SYMMETRY	⊘ BASIC DIMENSION	CHECKER:
// PARALLELISM	⊘ CYLINDRICITY	⊗ REFERENCE DIMENSION	DATE
⊥ PERPENDICULARITY	⊖ PROFILE-SURFACE	Ⓜ MAXIMUM MATERIAL CONDITION	11/01/2001
∠ ANGULARITY	⊖ PROFILE-LINE	Ⓛ REGARDSLESS OF FEATURE SIZE	DATE
⌒ CIRCULAR RUNOUT	⊖ COUNTERSINK	Ⓟ LEAST MATERIAL CONDITION	DATE
⌒ TOTAL RUNOUT	⊖ DATUM TARGET	Ⓡ PROJECTED TOLERANCE ZONE	DATE
T DEPTH/DEEP	⊖ DATUM FEATURE	Ⓡ PLACES, TIMES OR BY	DATE

DRAFTER:	DATE
A. LONGO	11/01/2001
CHECKER:	DATE
T. MAZERSKI	11/01/2001
ENGINEER:	DATE
T	DATE
APPROVAL:	DATE
E. CZECHOWSKI	11/01/2001

COOPER TURBOCOMPRESSOR

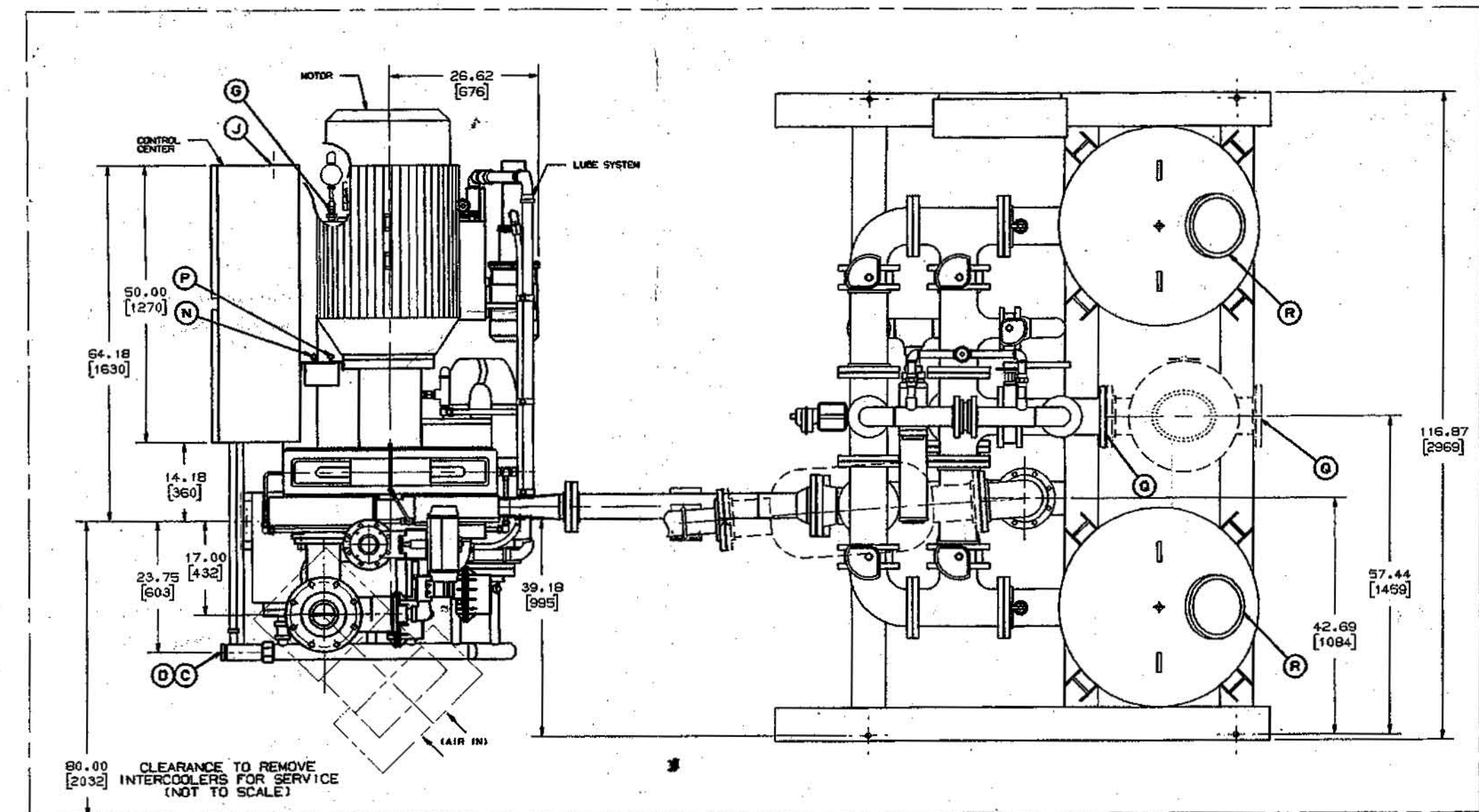
INSTALLATION, ARRANGEMENT
TDP-2000 (60HZ)

SIZE **D**

CUS. NO. **FF9001-12899**

3101 BROADWAY, P.O. BOX 289
 BUFFALO, NEW YORK 14226-0209, U.S.A.

SHEET 1



(NOT TO SCALE)
MINIMUM CLEARANCE FOR MAINTENANCE ALL SIDES EXCEPT FRONT

