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Kit Instruction—

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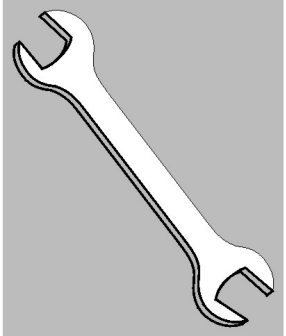

Read the Safety Manual

PELLERIN MILNOR CORPORATION POST OFFICE BOX 400, KENNER, LOUISIANA 70063-0400, U.S.A.

Please Read

About the Manual Identifying Information on the Cover

The front cover displays pertinent identifying information for this manual. Most important, are the published manual number (part number) /ECN (date code). Generally, when a replacement manual is furnished, it will have the same published manual number, but the latest available ECN. This provides the user with the latest information applicable to his machine. Similarly all documents comprising the manual will be the latest available as of the date the manual was printed, **even though older ECN dates for those documents may be listed in the table of contents**.

When communicating with the Milnor factory regarding this manual, please also provide the other identifying information shown on the cover, including the publishing system, access date, and whether the document ECN's are the latest available or exact.

References to Yellow Troubleshooting Pages

This manual may contain references to "yellow pages." Although the pages containing troubleshooting procedures are no longer printed on yellow paper, troubleshooting instructions, if any, will be contained in the easily located "Troubleshooting" chapter or section. See the table of contents.

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Pellerin Milnor Corporation
Attn: Technical Publications
P. O. Box 400
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CHAPTER 8

INSTALLATION

8.1. FOUNDATION. Because of the hydraulic self-balancing design of this machine, it is not always mandatory that a separate - massive foundation be provided for the machine. If the building construction is adequate, and if the floor is 5" or more to reinforced concrete of quality construction, and in good condition, it will be usually possible to install the machine on the existing floor without the necessity of a special foundation. Similarly, a multiple story installation is also feasible although it must be fully understood that the characteristics of each installation must be considered. The Dimensional Drawing elsewhere herein shows recommended foundation dimensions which are adequate of all building and subsoil conditions. It is recommended that the machine be installed on the aforesaid foundation when at all possible.

CAUTION: Never mount the machine on a floor slab or a foundation which has been poured over an existing floor slab or foundation. This will most likely cause unsatisfactory operation by magnifying the slight residual vibration that exists after the machine has balanced itself to the limit of its ability. Furthermore, it is recommended that the machine foundation not be isolated from the existing floor slab - but rather that the machine foundation be solidly keyed with the existing floor slab.

8.1.1. The satisfactory vibration free operation of this machine is primarily dependent upon two factors. This is true regardless of the type of foundation that is selected. These two factors are:

a. The providing of adequate foundation bolts of the size indicated on the Dimensional Drawing elsewhere herein which may be drawn down tightly - to limit the tensile strength of the bolt - without danger of the bolt or its anchor stripping out of the concrete. (The bolt must be anchored so that it will have no tendency to eventually loosen in the concrete.)

b. The proper setting and grouting of the machine is such that both right and left base angles (and only the right and left base angles) bear on the foundation evenly and for their entire length and width. Since the machine base angles are never perfectly flat and plane, because of distortions caused in fabrication handling and shipment, it is mandatory that the "floor" or foundation on which the machine is installed be made to conform exactly with the underside of the machine base. This is accomplished by grouting - the recommended procedure for which is explained below.

8.1.2. Furnished with the machine is a sheetmetal foundation template which will permit accurate location of the foundation bolts. NOTE: The template will only locate the foundation bolts accurately enough so that the lateral "play" of the bolt in the pipe spacer, shown on the enclosed Dimensional Drawing, will provide sufficient adjustment to permit the machine to fit on the aforesaid foundation bolts. Never use the template to pre-establish rigid unmovable foundation bolts because distortions due to fabrication and handling plus normal manufacturing tolerances will result in varying bolt hole spacing which must be compensated for either by the aforementioned adjustability - or else by physically transferring the actual bolt hole locations from the particular machine to the foundation.

This foundation template also acts as a vapor barrier where the machine is installed over a drain gutter. The template should therefore be left under the machine. The proper procedure for this is fully explained in the detailed grouting instructions elsewhere herein.

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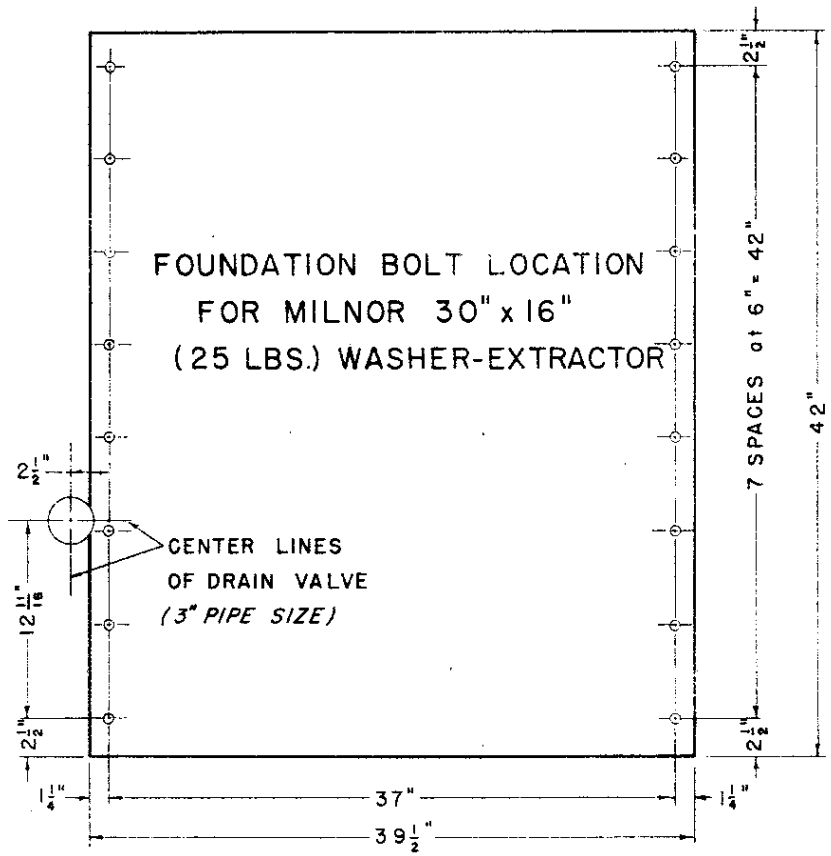

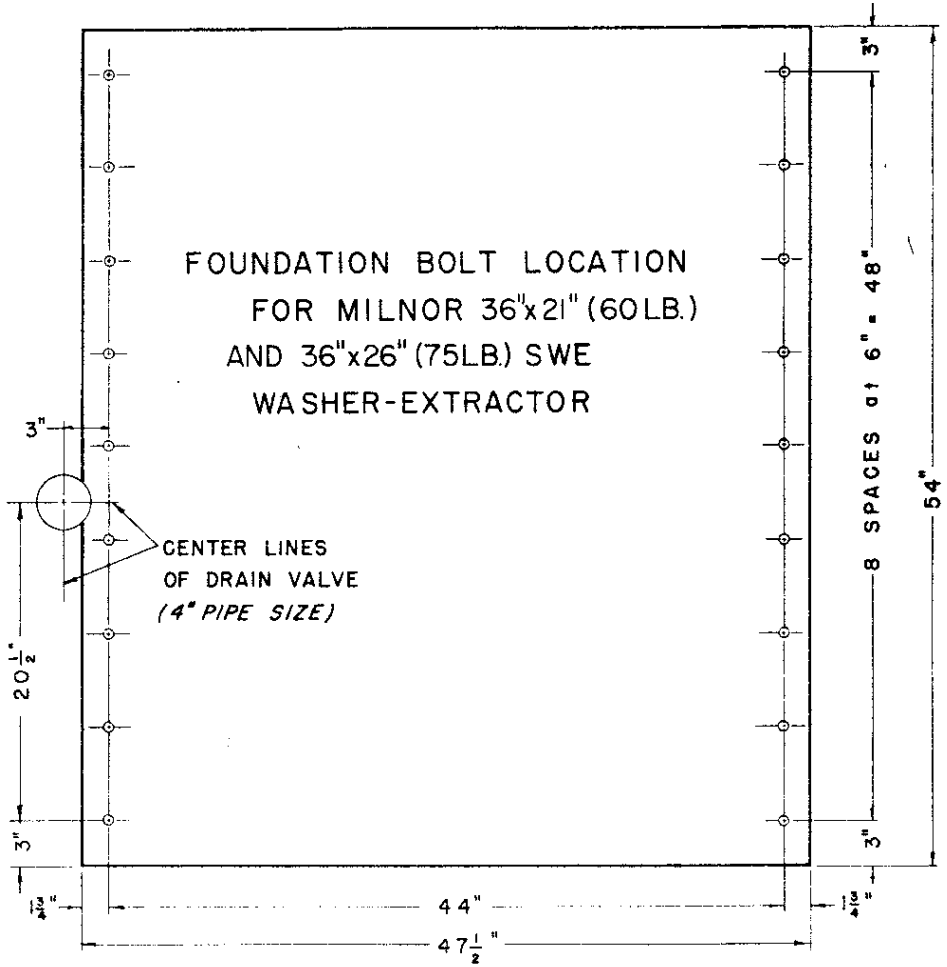

GENERAL NOTES
1-USE THIS DRAWING TO CHECK FOUNDATION TEMPLATE BEFORE POURING CONCRETE.
2-THESE DIMENSIONS GIVE ONLY APPROXIMATE LOCATION OF BOLT HOLES. ALLOW SUFFICIENT LATERAL "PLAY" IN PIPE SPACERS TO PERMIT THE MACHINE TO FIT OVER FOUNDATION BOLTS.

DRAIN VALVE AND BOLT HOLE LOCATIONS FOR MILNOR 30"x16", 36"x21", AND 36"x26" WASHER-EXTRACTORS

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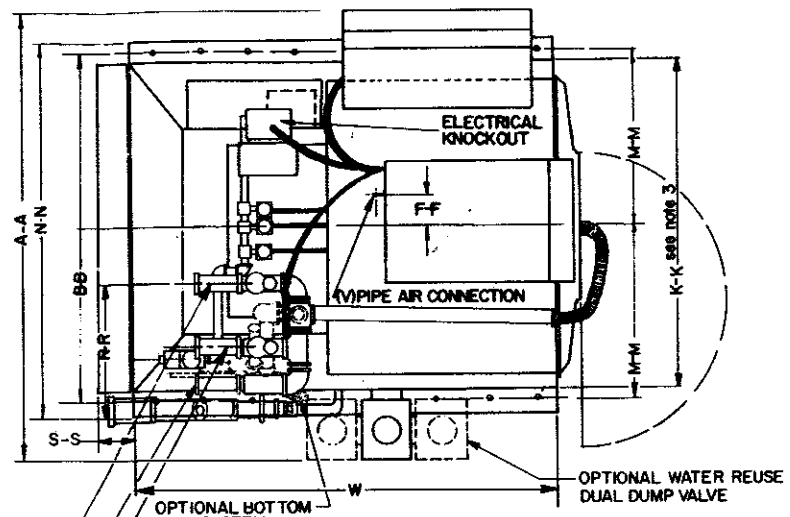
3621 WASHER EXTRACTOR

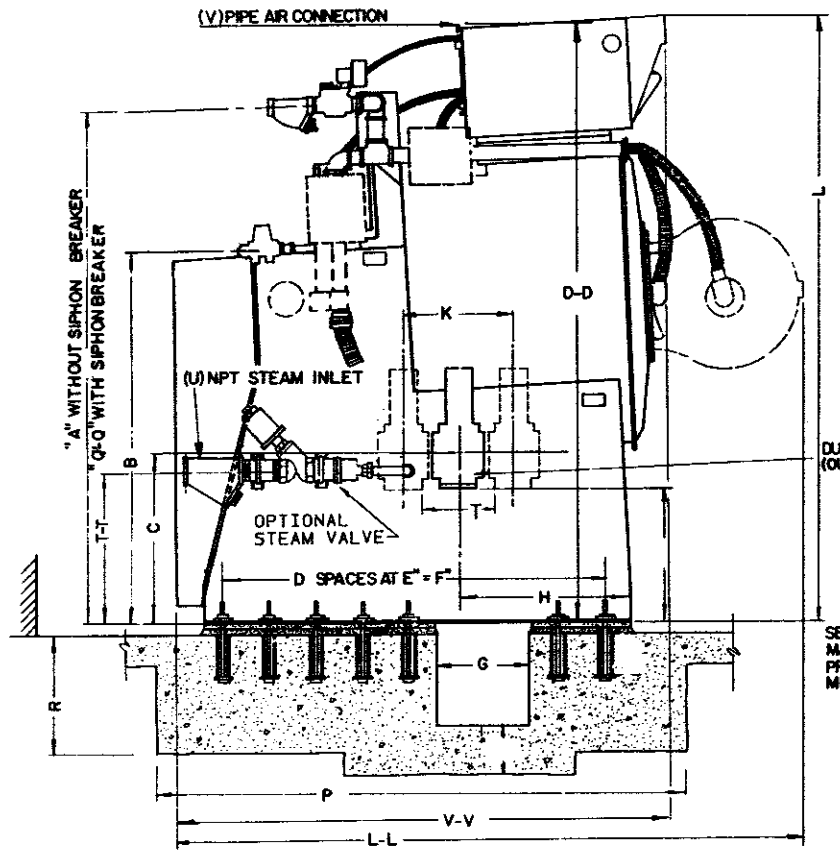
SPECIFICATIONS		METRIC
CYLINDER SIZE	36"X21"	91cmX53cm
WEIGHT FULLY LOADED	2789 Lbs	1265 Kgs
PROJECTED AREA FLOOR LOADING	155 Lb/Ft²	757 Kg/m²
FLOOR LOADING UNDER EACH FOOT	1241 Lb/Ft²	5927 Kg/m²
A	66-1/2"	1689mm
B	46-3/4"	1188mm
C	19-3/4	501mm
D	8	203mm
E	6"	152mm
F	48"	1219 mm
G	12"	305mm
H	23	597mm
J	16 - 1/2"	419mm

SPECIFICATIONS		METRIC
K	15-5/8"	397mm
L	76-1/4"	1936mm
N	1-1/2"	38mm
O	7"	178mm
P	66"	1676mm
Q	6"	152mm
R	24"	610mm
S	4"	102mm
T	11-5/8"	296mm
U	1-1/4"	32mm
V	1/4"	6 mm
W	54"	1372mm
X	3-1/4"	85mm
Z	5"	127mm
A-A	58-1/2"	1486mm

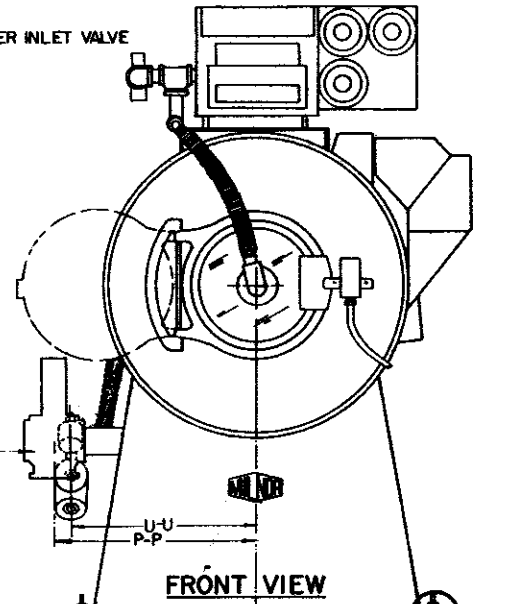
SPECIFICATIONS		METRIC
B-B	44"	1118mm
C-C	66-1/2"	1689mm
D-D	72-7/8"	1851mm
E-E	3/4"	19mm
F-F	4"	102mm
G-G	3"	76mm
I-I	1/2"	13mm
J-J	8"	203mm
K-K	42"	1067mm
L-L	83-1/4"	2115 mm
M-M	22"	559mm
N-N	47-1/2"	1207mm
P-P	25"	635mm
Q-Q	61-1/2"	1536mm
R-R	17"	432mm
S S	3½"	89mm
T T	21-1/4"	540mm
U-U	21"	533mm
V-V	61-1/2"	1562 mm



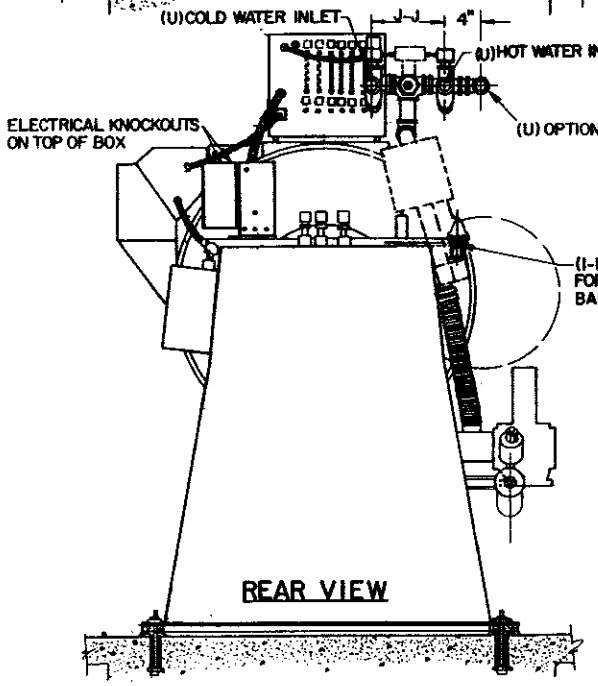
PLAN VIEW



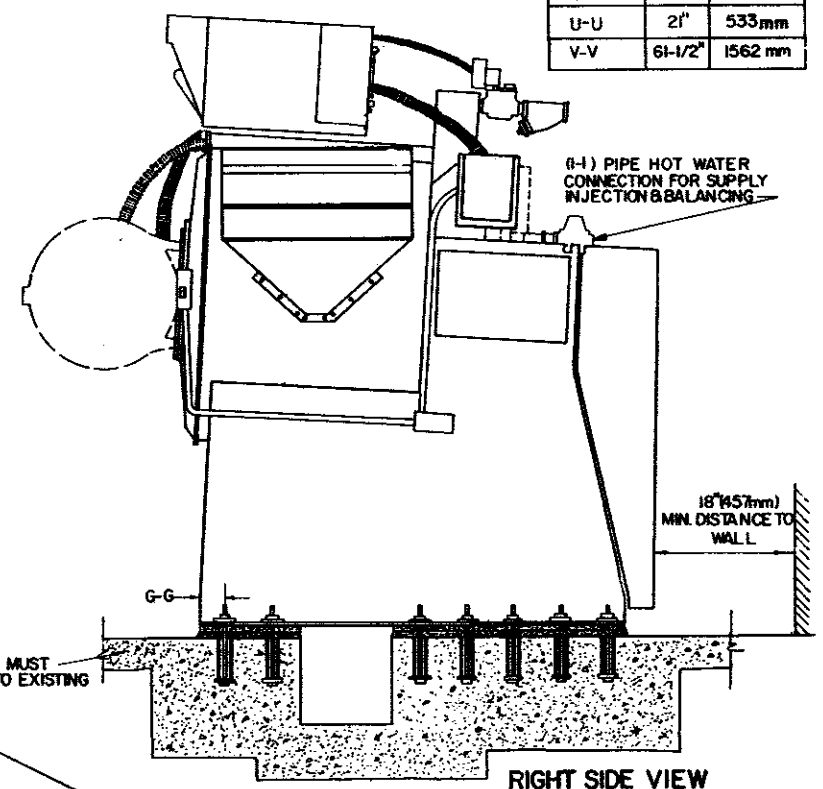
LEFT SIDE VIEW



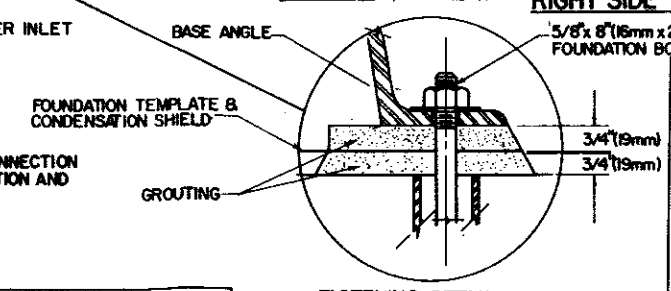
FRONT VIEW



REAR VIEW



RIGHT SIDE VIEW



FASTENING DETAIL

NOTES:

1. ALL DIMENSIONS SHOWN ARE APPROXIMATE, SUBJECT TO NORMAL MANUFACTURING TOLERANCES, AND TO OCCASIONAL CHANGES WITHOUT NOTICE THROUGH REDESIGN AND/OR RELOCATION OF COMPONENTS, ETC. DO NOT USE FOR CONSTRUCTION UNLESS CERTIFIED AND IN NO EVENT PRE-PIPE CLOSER THAN FIVE FEET FROM MACHINE. FACTORY MUST BE CONSULTED FOR DIMENSIONS IF MACHINE IS TO BE MOVED THROUGH NARROW OR LOW OPENINGS OR CORRIDORS.

2. "STEAM HAMMER", CAUSED BY WET STEAM OR CONDENSATION, MAY BE PREVETED BY INSTALLING A TRAP IMMEDIATELY BEFORE THE STEAM VALVE.

3. OVERALL BASE DIMENSION WITH BOLT-ON BASE ANGLE OPTION, WHEN ANGLES ARE REMOVED.

4. CUSTOMER TO SUPPLY FUSED BRANCH CIRCUIT DISCONNECT (SAFETY) SWITCHES WITH LAG TYPE FUSES, FROM POWER SOURCE TO EQUIPMENT. A SEPERATE GROUND WIRE MUST BE CONNECTED FROM DISCONNECT TO EQUIPMENT.

ATTENTION

THE FLOOR AND/OR ALL OTHER SUPPORT COMPONENTS MUST HAVE SUFFICIENT STRENGTH (AND RIGIDITY WITH DUE CONSIDERATION FOR THE NATURAL OR RESONANT FREQUENCY THEREOF) TO WITHSTAND THE FULLY LOADED WEIGHT OF THE MACHINE INCLUDING THE GOODS, THE WATER, AND THE REPEATED SINUSOIDAL (ROTATING) FORCES GENERATED DURING ITS OPERATION. WRITE FACTORY FOR ADDITIONAL WRITTEN MACHINE DATA FOR USE BY A COMPETENT SOIL AND/OR STRUCTURAL ENGINEER.

ATTENTION

MOST REGULATORY AUTHORITIES (INCLUDING OSHA IN THE USA) HOLD THE OWNER/USER ULTIMATELY RESPONSIBLE TO MAINTAIN A SAFE WORKING ENVIRONMENT. ACCORDINGLY, THE OWNER/USER MUST RECOGNIZE ALL FORESEEABLE SAFETY HAZARDS, FURNISH SAFETY INSTRUCTIONS AND GUIDANCE TO ALL PERSONNEL WHO MAY COME IN CONTACT WITH THE INSTALLATION, AND PROVIDE ALL NECESSARY ADDITIONAL SAFETY GUARDS, FENCES, RESTRAINTS, DEVICES, ETC. NOT FURNISHED BY THE EQUIPMENT MANUFACTURER OR VENDOR.

DIMENSION & INSTALLATION
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