

OO-D-1388B  
AMENDMENT 1  
July 14, 1992

## FEDERAL SPECIFICATION

### DISHWASHING MACHINES, COMMERCIAL (RACKLESS CONVEYOR)

This amendment which forms a part of OO-D-1388B, dated May 21, 1984, is approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

#### PAGE 11

3.9.8: Delete in entirety and substitute:

"3.9.8 Conveyor. Conveyors shall be designed to hold dishes and trays in an inclined position and to permit use of standard dishwashing racks, when desired, for cups, glasses, silverware cylinders and other small items. The maximum conveyor speed shall be as specified in table II. Conveyor width shall be in accordance with 1.2 and 3.1. The conveyors shall consist essentially of rods, rollers, side links, and dish-supporting peg links. Peg links shall be equipped at regular intervals with corrosion-resistant steel outer brackets to support standard, fully-loaded dishwashing racks. Peg links shall be formed of corrosion-resistant steel wire and the tips of the peg links shall have protective plastic covers. The rods and side links shall be corrosion-resistant steel or nonferrous nickel alloy. Rods normally in contact with dishware shall be plastic-coated or encased in plastic sleeves to prevent chipping of tableware. Rollers shall be corrosion-resistant steel. The conveyor support frame shall be fabricated of corrosion-resistant steel of a thickness not less than 11 gauge. Conveyors shall be driven through a mechanical or hydraulic speed-reducing unit by a separate motor rated not less than 1/2 horsepower (hp). Mechanical or electrical means shall be provided for automatic release or disconnection of the drive or the driving motor when the conveyor driving torque exceeds a preset limit as a result of jamming. This feature shall be supplementary to the stop bar specified in 3.9.3 for the unloading section. Shear pins or other mechanisms requiring replacement of any part will not be acceptable as an emergency means for disconnecting the drive.

AMSC N/A

FSC 7320

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Exposed gears and sprockets inside the hood and loading section of the machine shall be corrosion-resistant metal. All gears, sprockets, chains, belts and other components of the conveyor drive system shall be guarded from contact by operating personnel by the sheet metal panels of the machine enclosure. Conveyors shall in other respects meet the requirements of NSF No. 3 and No. 5.

MILITARY INTEREST:

Custodians

Army - GL  
Navy - YD  
Air Force - 99

Review Activities

Army - TS, MD  
Navy - SA, MS  
Air Force - 84

User Activities

Army - CE  
Navy - CG, MC

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - FSS  
NA - OSS  
HHS - FDA

PREPARING ACTIVITY:

Navy - SA

DoD Project 7320-0883