

TROUGH FRAME, PEDESTRIAN LOADING, DOUBLE DOOR

STEEL

The trough type floor access door with drainable frame is designed for interior and exterior applications where dirt and water are to be prevented from falling into area below.

SPECIFICATIONS: The floor access door shall be Model TPD as manufactured by U.S.F. Fabrication, Inc. with the size being specified on the plans. Door leaves shall be 1/4-inch thick steel diamond plate reinforced for a 300 p.s.f. live load. The trough frame shall be fabricated from 1/4-inch thick steel and shall have a continuous anchor flange on all four sides. The frame shall drain water out through a 1 1/2-inch pipe coupling. The floor access door shall be equipped with a flush steel lifting handle that does not protrude above the cover, and 316 stainless steel hold open arms with red vinyl grips that automatically keep the covers in their upright, open positions. The door shall have 316 stainless steel hinges and 316 stainless steel tamper resistant bolts/locknuts. A staple for a padlock shall be supplied for security. The floor access door shall be furnished with one coat of shop primer. Installation shall be in accordance with the manufacturer's attached instructions. The door shall be manufactured and assembled in the United States. Manufacturer shall guarantee the door against defects in materials and workmanship for a period of five years.

OPTIONAL FEATURES

- Stainless steel horizontal springs or gas shocks for easy opening
- 316 Stainless steel watertight slamlock and other locking devices
- Frame skirts for easy casting into a concrete top slab
- Odor reduction gasket
- Nut rails with stainless steel sliding nuts for attaching cable holders, brackets & other hardware
- Fiberglass insulation with metal liner
- Custom lettering
- Stainless steel safety chains
- Fall Through Protection Systems
- Side drain coupling (instead of standard bottom drain)
- Hot dipped galvanized finish
- Mill finish (no shop primer)
- All 304 stainless steel material
- All 316 stainless steel material
- Slip resistant surface bonded to cover plate
- Hinge covers on same long side
- Reading Lid

300 P.S.F. LOADING

| MODEL | COVER THK | FRAME OPENING*** | | CLEAR OPENING** | | OVERALL SIZE | | WEIGHT* |
|-------|-----------|------------------|------------|-----------------|-----------|--------------|------------|-----------|
| | in. (mm) | A in. (mm) | B in. (mm) | C in. (mm) | D in.(mm) | E in. (mm) | F in. (mm) | Lbs. (KG) |
| TPD | 1/4 (6) | 30 (762) | 48 (1219) | 30 (762) | 48 (1219) | 38 (965) | 56 (1422) | 342 (155) |
| TPD | 1/4 (6) | 30 (762) | 54 (1372) | 30 (762) | 54 (1372) | 38 (965) | 62 (1575) | 371 (168) |
| TPD | 1/4 (6) | 36 (914) | 48 (1219) | 36 (914) | 48 (1219) | 44 (1118) | 56 (1422) | 384 (174) |
| TPD | 1/4 (6) | 36 (914) | 60 (1524) | 36 (914) | 60 (1524) | 44 (1118) | 68 (1727) | 448 (203) |
| TPD | 1/4 (6) | 42 (1067) | 48 (1219) | 42 (1067) | 48 (1219) | 50 (1270) | 56 (1422) | 425 (193) |
| TPD | 1/4 (6) | 48 (1219) | 48 (1219) | 48 (1219) | 47 (1194) | 56 (1422) | 56 (1422) | 470 (213) |
| TPD | 1/4 (6) | 48 (1219) | 54 (1372) | 48 (1219) | 53 (1346) | 56 (1422) | 62 (1575) | 508 (230) |
| TPD | 1/4 (6) | 48 (1219) | 72 (1829) | 48 (1219) | 70 (1778) | 56 (1422) | 80 (2032) | 645 (293) |
| TPD | 1/4 (6) | 60 (1524) | 60 (1524) | 60 (1524) | 57 (1448) | 68 (1727) | 68 (1727) | 658 (298) |

*Weight shown is of our standard hatch only, and does not include any optional features. **Also referred to as "Actual Opening" which can vary to suit application. ***Also referred to as "Concrete Opening" when door is cast into concrete.

CUSTOM SIZES READILY AVAILABLE