

Location: \_\_\_\_\_



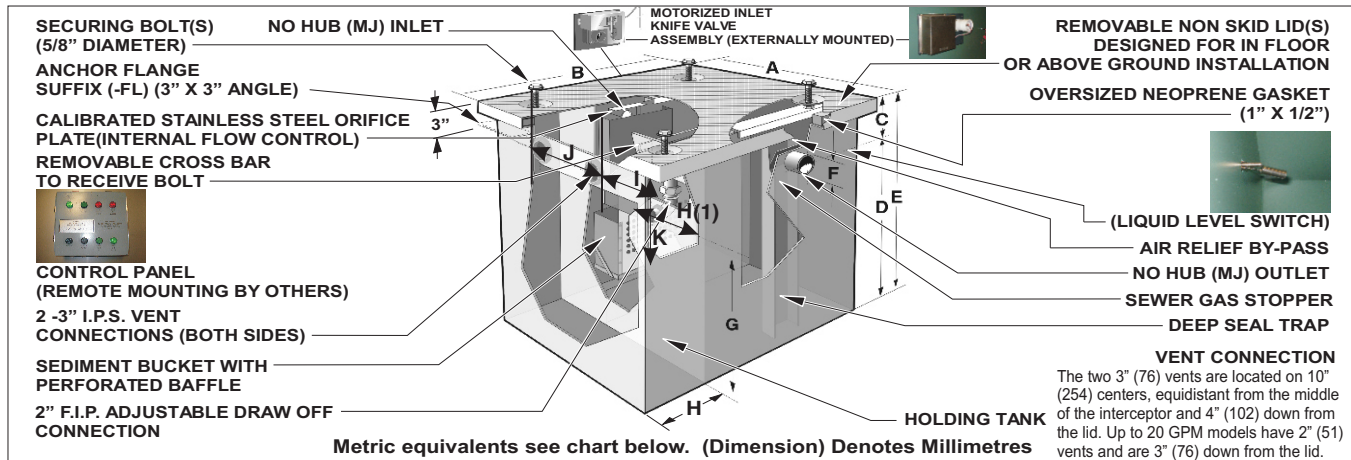
# MI-E-O-HU

## ELECTRONIC OIL INTERCEPTOR CW INTEGRAL HOLDING TANK

**Specification:** MIFAB® Series MI-E-O-HU \_\_\_\_\_ sanitary powder epoxy coated inside and outside fabricated 10 gauge steel electronic oil interceptor. Unit to include: sediment bucket with perforated baffle near inlet, deep seal trap covered by lid, sewer gas stopper, securing bolt(s), removable baffle assembly and cross bar, stainless steel calibrated orifice plate, internal air relief by-pass, adjustable automatic draw-off assembly, double vent connection on each side, and steel powder epoxy coated, non skid rectangular lid(s). Unit comes complete with integral holding tank for additional waste oil storage.

**Function:** Used in parking garages, service stations, and maintenance areas to receive wastewater that contains oil and sediment. The interceptor collects the oil before it is drained to an integral holding tank through an adjustable draw off system. Sediment and debris is collected inside of the internal sediment bucket. Integral holding tank eliminates the need for piping between separate oil interceptors and storage tanks. Regular maintenance is required to keep the interceptor functioning. Interceptor may be installed on the ground, semi recessed or flush with the floor. Sewer gas stopper prevents foul odors from entering the kitchen area through the interceptor.

**Function:** MIFAB's electronic oil interceptor monitors the oil level within the interceptor. A control panel built into a standard electrical box consists of a multi-light display that alerts the operator to the full oil level. Green lights on the control panel indicate normal operating conditions. At 75% oil storage capacity, the lights change to red, the alarm will sound, and the inlet will be closed by a motorized valve. The closed inlet prevents additional oil from entering the interceptor and from discharging into the piping system. The operator must remove the lid of the interceptor and remove the accumulated oil and clean off the oil sensing probe to ensure that the motorized valve opens and regular operation can resume. The control panel and internal controls are provided by MIFAB. 120/230 VAC main is standard.



**Note:** The "C" dimension detailed above is from either the middle of the inlet or the outlet to the top the interceptor. The inlet and outlet dimensions are always the same.

| MODEL NO.  | US GPM | A IN    | B IN  | C IN | D IN  | E IN | F IN | G IN | H IN | H(1) IN | I IN    | J IN | K IN | INTERCEPTOR U.S.G. of liquid | HOLDING TANK U.S.G. of liquid | WEIGHT WHEN FILLED WITH WATER (LBS.) | NO. OF LIDS | NO. OF BOLTS |   |    |
|------------|--------|---------|-------|------|-------|------|------|------|------|---------|---------|------|------|------------------------------|-------------------------------|--------------------------------------|-------------|--------------|---|----|
| MI-O-HU-A  | 10     | 24      | 26    | 4    | 9     | 13   | 2    | 4    | 10   | 4       | 7       | 10   | 3.5  | 10.6                         | 1.4                           | 8.9                                  | 1.2         | 326.12       | 1 | 4  |
| MI-O-HU-B  | 15     | 26      | 26.50 | 4    | 11    | 15   | 2    | 6    | 10   | 4       | 8       | 10   | 3.5  | 15.0                         | 2.0                           | 12.3                                 | 1.6         | 400.08       | 1 | 4  |
| MI-O-HU-C  | 20     | 26      | 26.50 | 4    | 13.50 | 17.5 | 3    | 8    | 10   | 4       | 8       | 10   | 3.5  | 18.0                         | 2.4                           | 14.3                                 | 1.9         | 457.50       | 1 | 4  |
| MI-O-HU-1  | 25     | 29      | 46    | 4.5  | 25.5  | 30   | 3    | 20   | 21.5 | 4       | 9.5     | 10   | 4    | 63.1                         | 8.4                           | 65.0                                 | 8.7         | 1466.71      | 2 | 8  |
| MI-O-HU-2  | 35     | 37      | 44.5  | 5    | 26    | 31   | 3    | 20.5 | 15.5 | 4       | 13.5    | 10   | 4    | 100.2                        | 13.4                          | 61.0                                 | 8.2         | 1880.36      | 4 | 16 |
| MI-O-HU-3  | 50     | 43      | 65.5  | 6    | 26    | 32   | 3    | 20.5 | 26.0 | 4       | 16.5    | 10   | 4    | 163.0                        | 21.9                          | 117.0                                | 15.6        | 3087.07      | 6 | 16 |
| MI-O-HU-4  | 75     | 49      | 65    | 9.5  | 26.5  | 36   | 4    | 20.5 | 22.5 | 4       | 19.5    | 10   | 4    | 202                          | 27                            | 121.7                                | 16.3        | 3513.86      | 6 | 16 |
| MI-O-HU-5  | 100    | 58      | 90    | 9.5  | 26.5  | 36   | 4    | 20.5 | 37   | 4       | 24      | 10   | 4    | 303                          | 40.5                          | 237.7                                | 31.8        | 5866.90      | 6 | 36 |
| MI-O-HU-6  | 125    | 62      | 90    | 12   | 28    | 40   | 4    | 22   | 37   | 4       | 26      | 10   | 4    | 344                          | 46                            | 269.0                                | 36.0        | 6580.28      | 6 | 36 |
| MI-O-HU-7  | 150    | 66      | 76    | 14   | 30    | 44   | 4    | 24   | 28   | 4       | 28      | 10   | 4    | 357                          | 47.7                          | 232.7                                | 31.1        | 6536.30      | 6 | 36 |
| MI-O-HU-8  | 200    | 73.25   | 90    | 17   | 30.5  | 48   | 4    | 24.5 | 36.5 | 4       | 31.625  | 10   | 4    | 453                          | 60.5                          | 347.0                                | 46.4        | 8803.22      | 9 | 36 |
| MI-O-HU-9  | 250    | 73.25   | 90    | 15.5 | 35.5  | 51   | 4    | 29.5 | 31   | 4       | 31.625  | 10   | 4    | 589                          | 78.7                          | 348.9                                | 46.7        | 9997.11      | 9 | 36 |
| MI-O-HU-10 | 300    | 94.875  | 86    | 15.5 | 36.5  | 52   | 6    | 29.5 | 23.5 | 4       | 42.4375 | 10   | 4    | 815                          | 108.9                         | 345.3                                | 46.2        | 12312.77     | 9 | 36 |
| MI-O-HU-11 | 350    | 100.875 | 94    | 16.5 | 43.5  | 60   | 6    | 36.5 | 30.5 | 4       | 45.4375 | 10   | 4    | 1066                         | 142.5                         | 568.5                                | 76.0        | 16624.95     | 9 | 36 |
| MI-O-HU-12 | 400    | 107.875 | 91    | 17   | 43    | 60   | 6    | 36   | 28.5 | 4       | 48.9375 | 10   | 4    | 1109                         | 148.3                         | 562.3                                | 75.2        | 17052.63     | 9 | 36 |
| MI-O-HU-13 | 450    | 118.875 | 83    | 17   | 43    | 60   | 6    | 36   | 26.0 | 4       | 54.4375 | 10   | 4    | 1113                         | 148.8                         | 566.2                                | 75.7        | 17236.29     | 9 | 36 |
| MI-O-HU-14 | 500    | 118.875 | 83    | 20   | 46    | 66   | 6    | 39   | 24.0 | 4       | 54.4375 | 10   | 4    | 1240                         | 165.8                         | 559.1                                | 74.8        | 18483.51     | 9 | 36 |

**Note:** Reduce the "A" and "B" dimensions by 1" (25) to determine the actual body length and width dimensions. The lid overhangs the body by 1/2" (13) On all four sides.

|               |                                    |               |  |
|---------------|------------------------------------|---------------|--|
| <b>SUFFIX</b> | <b>OPTIONAL VARIATIONS:</b>        | <b>SUFFIX</b> | <b>SUFFIX</b>  |
| -AL           | Aluminum lid(s)                    | -DW           | Double wall containinig interceptor and holding tank |
| -AP           | Anode pack                         | -FL           | Anchor flange  |
| -BA           | Buy American Act compliant product | -FLC          | Flow control fitting                                 |
| -C            | Extension "C" as required          | -FLM          | Anchor flange and membrane clamp                     |
| specify       | Special size inlet and outlet      |               |  |
|               |                                    | -HLA          | High level alarm                                     |
|               |                                    | -HD           | H-20 traffic rated lid                               |
|               |                                    | -SS           | Stainless steel interceptor                          |
|               |                                    | -T            | F.I.P. female threaded inlet and outlet              |
|               |                                    | -TL           | Lid(s) to receive tile or terrazzo                   |

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 Schedule No: \_\_\_\_\_ Purchase Order No: \_\_\_\_\_

MIFAB reserves the right to make changes in material and design without formal notice and obligation.