

## Filter Presses: Sizing Chart

| Nominal Capacity (cu. Ft.) |               | 0.3          | 0.5                               | 0.6 | 1  | 1.5 | 2  | 3  | 4   | 5   | 6                                | 8   | 10  | 12  | 15  | 20                              | 25   | 30   | 40   | 50   | 60             | 80                              | 100  | 150  | 200  |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|----------------------------|---------------|--------------|-----------------------------------|-----|----|-----|----|----|-----|-----|----------------------------------|-----|-----|-----|-----|---------------------------------|------|------|------|------|----------------|---------------------------------|------|------|------|------|------|--|--|--|--|--|------|------|------|------|--|--|--|--|--|--|
| AA                         | 27" W         | AREA sq. ft. | 7                                 | 10  | 14 | 21  | 35 | 42 | 67  | 88  | AA Presses are manual only       |     |     |     |     |                                 |      |      |      |      | Standard       | C=30                            | H=50 |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 18.5" x 18.5" | CHAMBERS     | 2                                 | 3   | 4  | 6   | 9  | 13 | 19  | 25  | Empty Weight 6720 + 20#/ Chamber |     |     |     |     |                                 |      |      |      |      | Drum Discharge | C=42                            | H=61 |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 470 mm        | Length       | 48                                | 50  | 52 | 59  | 68 | 74 | 104 | 104 |                                  |     |     |     |     |                                 |      |      |      |      | Portable       | C=12                            | H=36 |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
| A                          | 34" W         | AREA sq. ft. |                                   |     |    | 19  | 32 | 44 | 64  | 89  | 108                              | 128 | 178 | 223 | 240 | Standard                        |      |      |      |      |                |                                 |      |      |      | C=30 | H=56 |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 25" x 25"     | CHAMBERS     |                                   |     |    | 3   | 5  | 7  | 10  | 14  | 17                               | 21  | 28  | 35  | 40  | Drum Discharge                  |      |      |      |      |                |                                 |      |      |      | C=42 | H=61 |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 630 mm        | Length       |                                   |     |    | 81  | 85 | 90 | 97  | 106 | 113                              | 120 | 129 | 155 | 168 | Empty Weight 1610 = 30#/Chamber |      |      |      |      |                |                                 |      |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
| B                          | 41" W         | AREA sq. ft. |                                   |     |    | 40  | 60 | 80 | 100 | 120 |                                  |     |     |     |     |                                 |      |      |      |      | 500            | Standard                        | C=30 | H=63 |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 31.5" x 31.5" | CHAMBERS     |                                   |     |    | 4   | 6  | 8  | 11  | 13  |                                  |     |     |     |     |                                 |      |      |      |      | 54             | Drum Discharge                  | C=42 | H=79 |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 800 mm        | Length       |                                   |     |    | 89  | 94 | 99 | 104 | 109 |                                  |     |     |     |     |                                 |      |      |      |      | 205            | Empty Weight 3150 = 50#/Chamber |      |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
| C                          | 52" W x 57"H  | AREA sq. ft. |                                   |     |    |     |    |    |     |     |                                  |     | 300 | 400 | 500 | 600                             |      |      |      |      |                |                                 |      |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 40" x 40"     | CHAMBERS     | Empty Weight 6500 = 95#/Chamber   |     |    |     |    |    |     |     |                                  |     | 20  | 27  | 34  | 41                              |      |      |      |      |                |                                 |      |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 1000 mm       | Length       |                                   |     |    |     |    |    |     |     |                                  |     | 136 | 154 | 172 | 187                             |      |      |      |      |                |                                 |      |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
| D                          | 62" W x 62"H  | AREA sq. ft. |                                   |     |    |     |    |    |     |     |                                  |     | 413 | 510 | 730 | 820                             | 1000 | 1460 | 1640 | 2040 |                |                                 |      |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 48" x 48"     | CHAMBERS     | Empty Weight 9800 = 110#/Chamber  |     |    |     |    |    |     |     |                                  |     | 17  | 21  | 25  | 34                              | 42   | 50   | 67   | 84   |                |                                 |      |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 1200 mm       | Length       |                                   |     |    |     |    |    |     |     |                                  |     | 121 | 132 | 143 | 168                             | 191  | 213  | 260  | 307  |                |                                 |      |      |      |      |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
| E                          | 66" W x 66"H  | AREA sq. ft. |                                   |     |    |     |    |    |     |     |                                  |     |     |     |     |                                 |      |      |      |      |                |                                 | 1047 | 1260 | 1690 | 2090 | 3170 |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 51" x 51"     | CHAMBERS     | Empty Weight 11500 = 150#/Chamber |     |    |     |    |    |     |     |                                  |     |     |     |     |                                 |      |      |      |      |                |                                 | 34   | 40   | 55   | 68   |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
|                            | 1300 mm       | Length       |                                   |     |    |     |    |    |     |     |                                  |     |     |     |     |                                 |      |      |      |      |                |                                 | 189  | 206  | 238  | 272  |      |  |  |  |  |  |      |      |      |      |  |  |  |  |  |  |
| F                          | 74" W x 76"H  | AREA sq. ft. |                                   |     |    |     |    |    |     |     |                                  |     |     |     |     |                                 |      |      |      |      |                |                                 |      |      |      |      |      |  |  |  |  |  | 1640 | 2110 | 3166 | 4220 |  |  |  |  |  |  |
|                            | 59" x 59"     | CHAMBERS     | Empty Weight 13200 = 210#/Chamber |     |    |     |    |    |     |     |                                  |     |     |     |     |                                 |      |      |      |      |                |                                 |      |      |      |      |      |  |  |  |  |  | 41   | 52   | 78   | 104  |  |  |  |  |  |  |
|                            | 1500 mm       | Length       |                                   |     |    |     |    |    |     |     |                                  |     |     |     |     |                                 |      |      |      |      |                |                                 |      |      |      |      |      |  |  |  |  |  | 217  | 246  | 315  | 384  |  |  |  |  |  |  |

Optimum Sizes

### NOTES:

1. Dimensions listed are approximate and may change without notice. Contact HEI for certified dimensions.
2. Capacity/length/area are based upon 1 1/4" thick filter cake (5/8" recess). Increasing or decreasing the cake size will inversely vary the press length.
3. D,E & F Model standard presses are designed to be mounted on structures over roll-off containers or conveyors.

