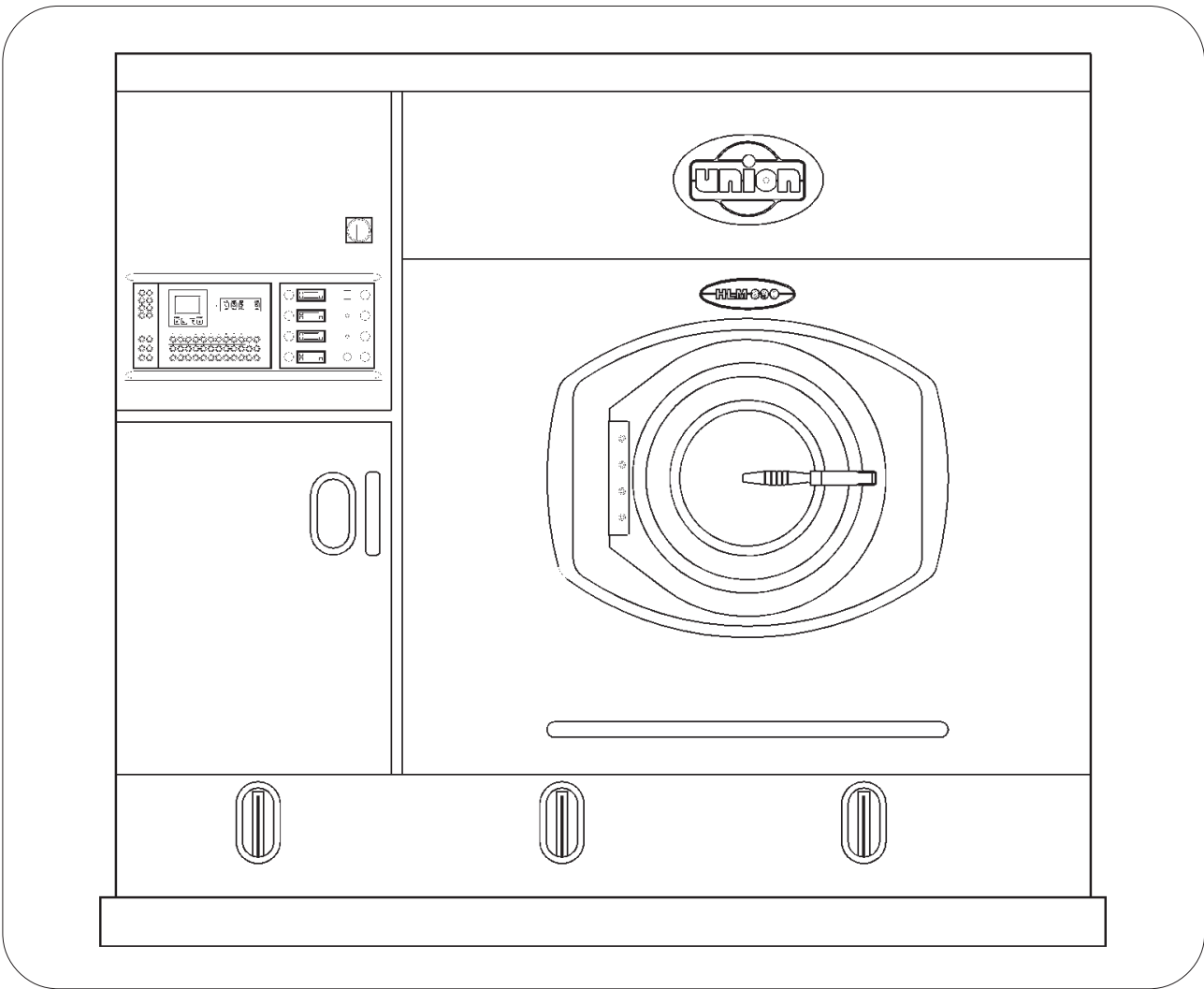




**TECHNICAL INFORMATION**





|                                      |                    |           |
|--------------------------------------|--------------------|-----------|
| <b>WORKING MACHINE WITH SOLVENT:</b> | <b>HYDROCARBON</b> |           |
| <b>MACHINE CAPACITY</b> (RATIO 1:20) | Lbs                | <b>90</b> |

**BASKET**

|               |        |                  |
|---------------|--------|------------------|
| Diameter      | inches | <b>47.3</b>      |
| Depth         | inches | <b>28</b>        |
| Volume        | cu-ft  | <b>28.3</b>      |
| Wash speed    | rpm    | <b>20 ÷ 45</b>   |
| Extract speed | rpm    | <b>400 ÷ 700</b> |
| Door opening  | inches | <b>23.7</b>      |

**SOLVENT TANKS**

|                                   |     |            |
|-----------------------------------|-----|------------|
| Useful volume tank 1              | gal | <b>74</b>  |
| Useful volume tank 2              | gal | <b>74</b>  |
| Useful volume tank 3              | gal | <b>96</b>  |
| <b>FLOOR SAFETY TANK CAPACITY</b> | gal | <b>172</b> |

**DESTILLATOR**



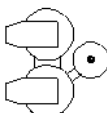
|                                  |     |            |
|----------------------------------|-----|------------|
| Useful volume at half inspection | gal | <b>95</b>  |
| Total volume                     | gal | <b>120</b> |

**ELECTRIC POWER**

|                            |    |             |    |             |
|----------------------------|----|-------------|----|-------------|
| Wash motor - Extract motor | Hp | <b>12.5</b> | Kw | <b>9.3</b>  |
| Solvent pump motor         | Hp | <b>1.5</b>  | Kw | <b>1.13</b> |
| Fan motor                  | Hp | <b>3</b>    | Kw | <b>2.25</b> |
| Refrigerator motor         | Hp | <b>6.5</b>  | Kw | <b>4.88</b> |
| Nylon filter motor         | Hp | <b>2</b>    | Kw | <b>1.5</b>  |
| Vacuum pump motor          | Hp | <b>3</b>    | Kw | <b>2.25</b> |

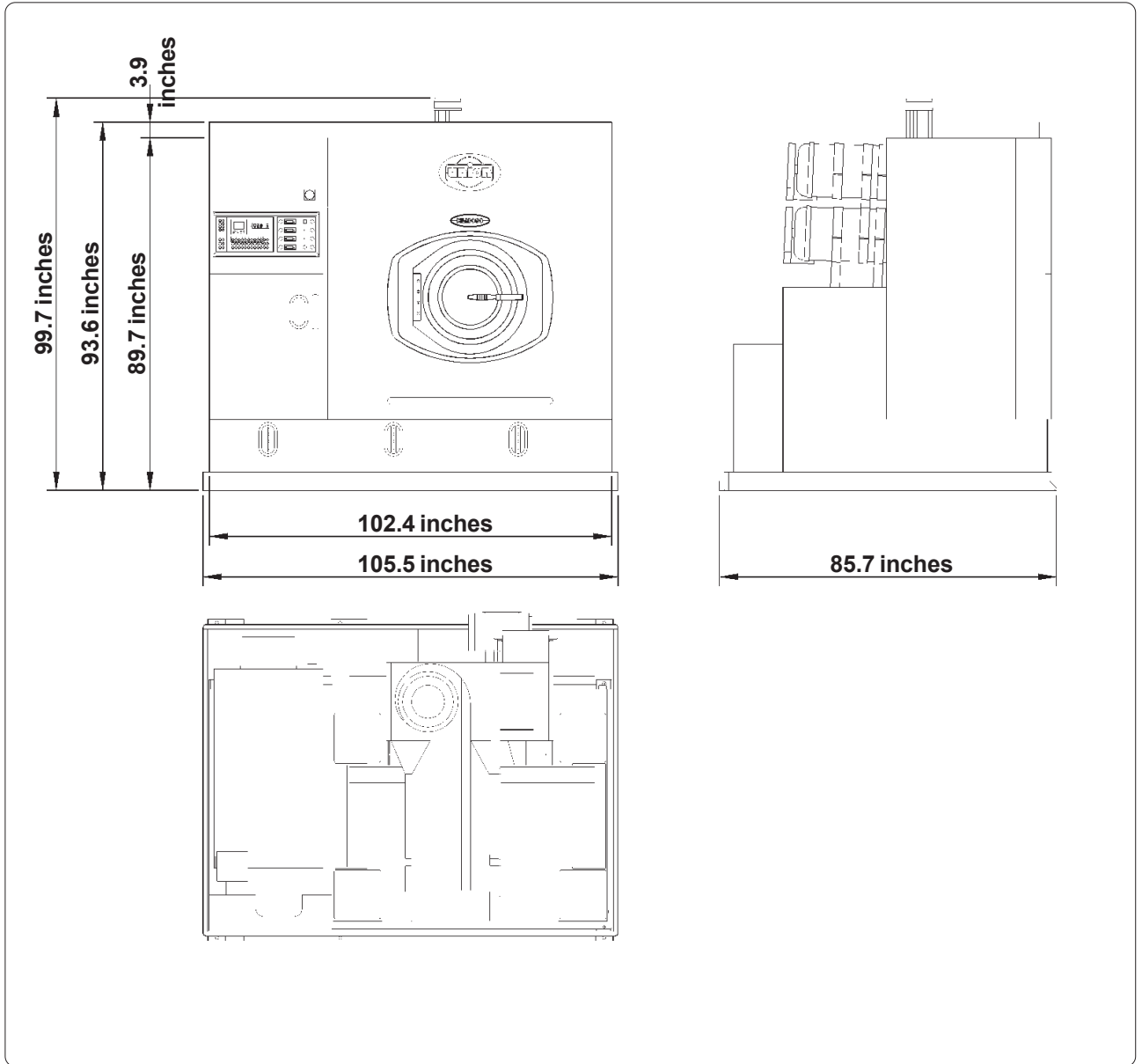
**NOTE: Acoustic emission level of the machine is lower than 70 dB (A)**



| <b>FILTRATION AVAILABLE IN THIS MODEL</b>   |   |                 |                 |
|---|---|-----------------|-----------------|
| <b>Version - 08</b>   | <b>ONE NYLON FILTER AND ONE DECOLORATING FILTER</b> |                 |                 |
|    | Volume nylon filter housing                         | gal             | 26.4            |
|   | Nylon filter area                                   | ft <sup>2</sup> | 84              |
|   | Filter disks  | nr              | 52              |
|   | Decolorating housing volume                         | gal             | 6.6             |
|   | Decolorating cartridges                             | nr              | 2               |
|   | Decolorating cabon quantity                         | Lbs             | 8.8             |
| <b>Version - 10</b>   | <b>ONE NYLON ONE CARTRIDGE -KR ONE DECOLORATING</b> |                 |                 |
|    | Volume nylon filter                                 | gal             | 26.4            |
|   | Nylon filter area                                   | ft <sup>2</sup> | 84              |
|   | Filter disks  | nr              | 52              |
|   | Volume large cartridge housing                      | gal             | 27.7            |
|   | Area large cartridge                                | ft <sup>2</sup> | 112             |
|   | Cartridge quantity                                  | nr              | 4               |
|   | Volume decolorating housing                         | gal             | 6.6             |
|   | Tubes   | nr              | 1               |
|   | Cartridge quantity                                  | nr              | 2               |
| Decolorating carbon quantity  | Lbs   | 8.8             |                 |
| <b>Version - 11</b>   | <b>TWO NYLON FILTER AND ONE DECOLORATING FILTER</b> |                 |                 |
|  | Volume nylon filter housing                         | gal             | 26.4 x 2 = 52.8 |
|   | Nylon filter area                                   | ft <sup>2</sup> | 84 x 2 = 168    |
|   | Filter disks  | nr              | 52 x 2 = 104    |
|   | Volume decolorating housing                         | gal             | 6.6             |
|   | Tubes   | nr              | 1               |
|   | Cartridge quantity                                  | nr              | 2               |
|   | Decolorating carbon quantity                        | Lbs             | 8.8             |



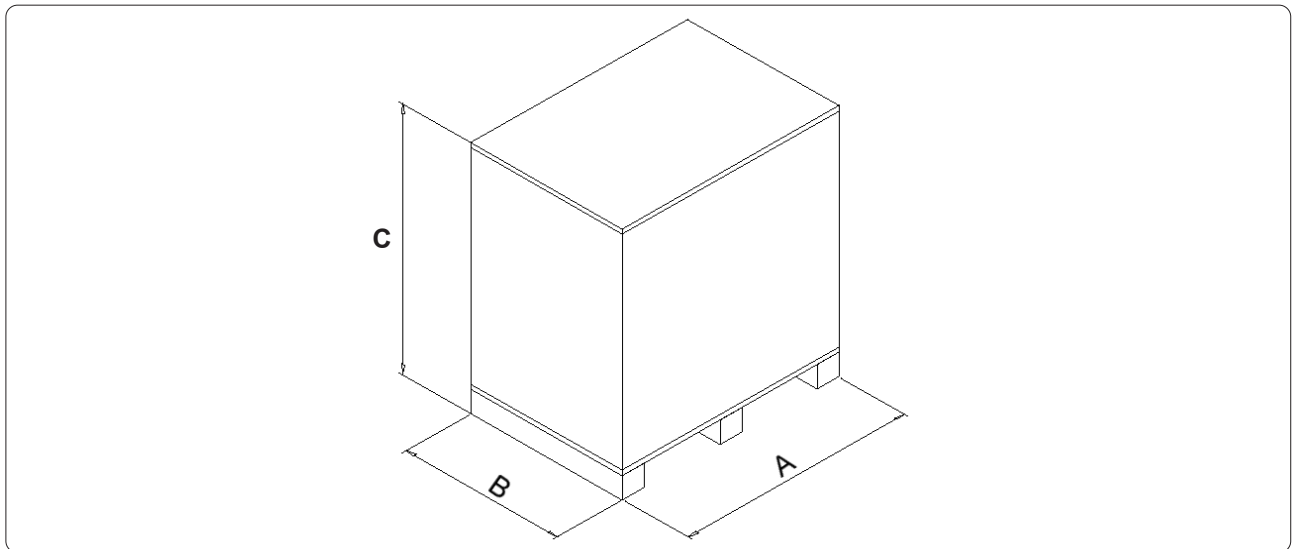
**DIMENSIONS AND WEIGHTS**



| <b>CHARGES</b>                          |                     |              |
|---|---------------------|--------------|
| Empty machine weight                    | Lbs                 | <b>8378</b>  |
| Machine weight with solvent             | Lbs                 | <b>10415</b> |
| Static charge on the floor with solvent | Lbs/ft <sup>2</sup> | <b>178</b>   |
| Dynamic charge on the floor (+10%)      | Lbs/ft <sup>2</sup> | <b>340</b>   |



**PACKAGED MACHINE DIMENSIONS AND WEIGHTS**

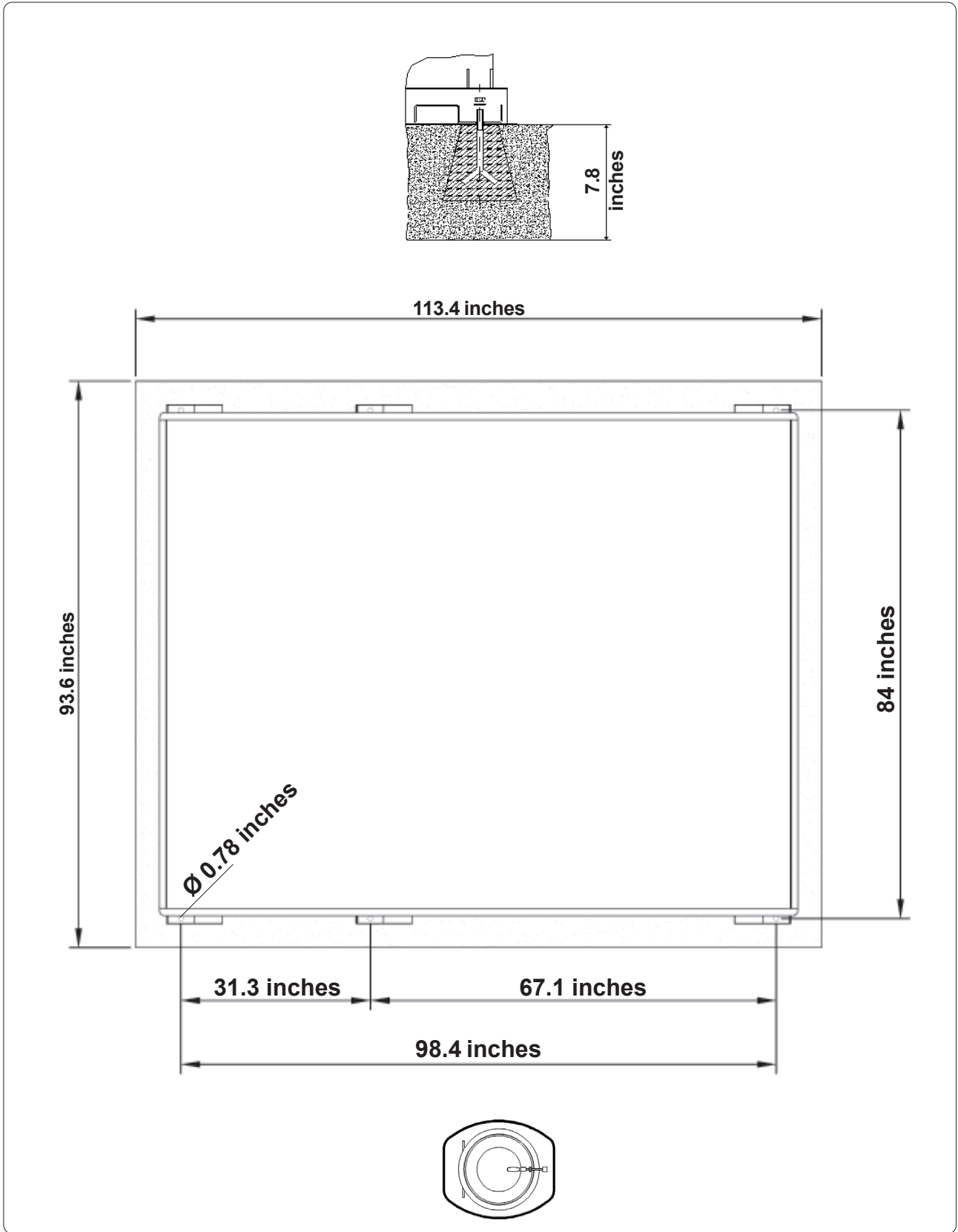


| <b>PACKAGED MACHINE DIMENSIONS</b> |   |        |                     |             |
|------------------------------------|---|--------|---------------------|-------------|
| Machine type                       |   | Carton | Wooden cage         | Wooden case |
| <b>HLM 890</b>                     | A |        | <b>inches 86.6</b>  |             |
|                                    | B |        | <b>inches 107.1</b> |             |
|                                    | C |        | <b>inches 94.1</b>  |             |

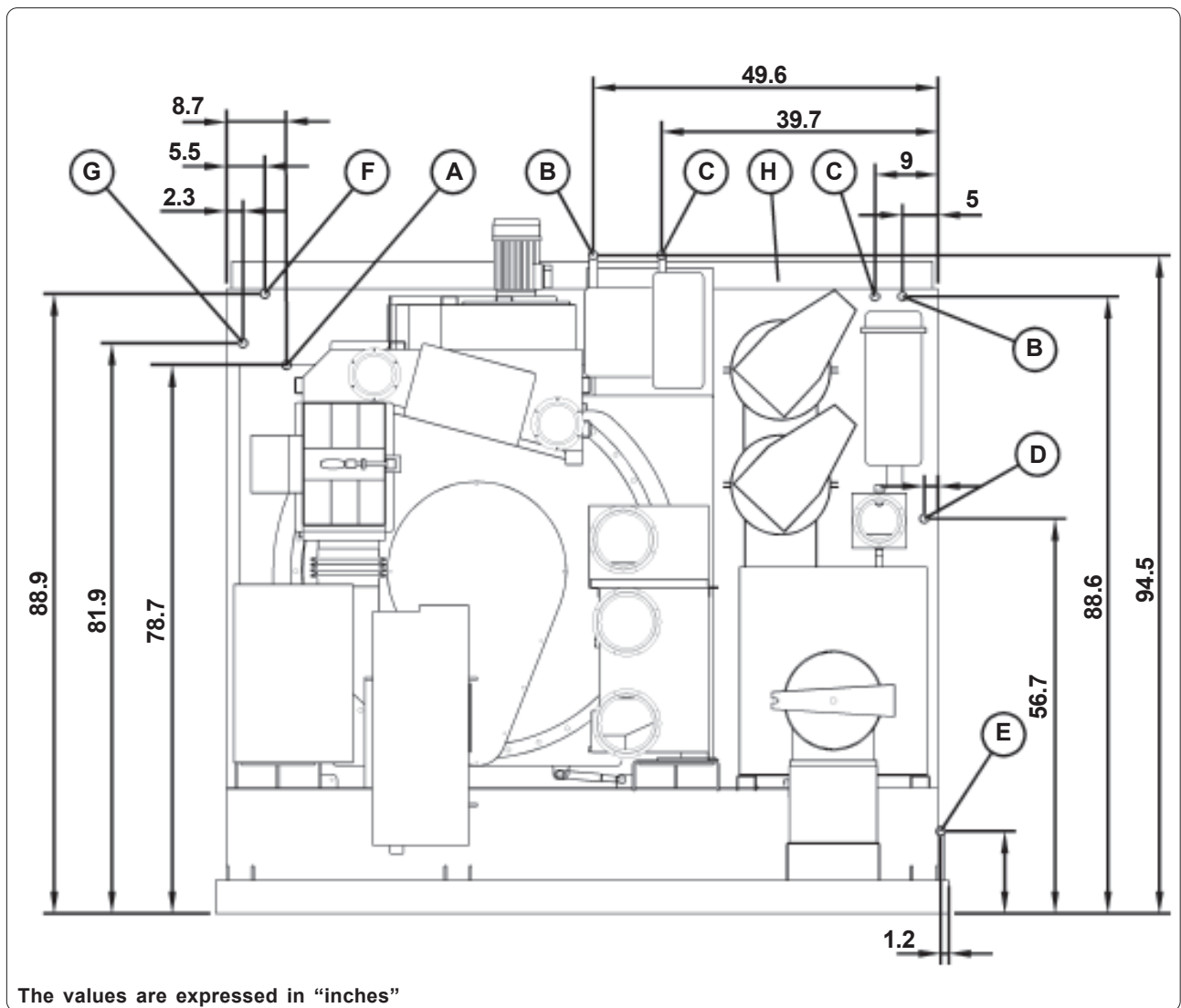
| <b>PACKAGED MACHINE WEIGHTS</b> |  |        |                 |             |
|---------------------------------|--|--------|-----------------|-------------|
| Machine type                    |  | Carton | Wooden cage     | Wooden case |
| <b>HLM 890</b>                  |  |        | <b>Lbs 8929</b> |             |



**FIXING POINTS**



**CONNECTIONS**



The values are expressed in "inches"

|   |                          |        |
|---|--------------------------|--------|
| A | Compressed air inlet     | Ø 6 mm |
| B | Water inlet              | Ø 3/4" |
| C | Water outlet             | Ø 3/4" |
| D | Steam still inlet        | Ø 1/2" |
| E | Condensate still outlet  | Ø 1/2" |
| F | Steam heater inlet       | Ø 1/2" |
| G | Condensate heater outlet | Ø 1/2" |
| H | Electric connection      |        |



| SOLVENT TYPE   | HYDROCARBON |     |     |      |
|--|-------------|-----|-----|------|
| <b>NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE</b> |             |     |     |      |
| Machine Version - 08                                     | gal         | 285 | Lbs | 1834 |
| Machine Version - 10                                     | gal         | 313 | Lbs | 2011 |
| Machine Version - 11                                     | gal         | 312 | Lbs | 2002 |

| <b>INFORMATION FOR THE ELECTRICAL CONNECTIONS</b> |    |    |     |    |
|---|----|----|-----|----|
| STEAM Version                                     | Kw | 19 | Amp | 70 |

| <b>GENERAL INFORMATION</b>                  |         |           |
|---|---------|-----------|
| Required water capacity                     | gal/min | 3         |
| Required water pressure                     | psi     | 40 ÷ 70   |
| Required water temperature                  | °F      | 65° ÷ 70° |
| Required air pressure                       | psi     | 100 ÷ 115 |
| Required steam pressure (Steam Version)     | psi     | 55 ÷ 70   |
| Required steam availability (Steam Version) | Lbs/h   | 132       |