

## FISA TEHNICA Statii de denitrare simplex racord 1"

### Conditii generale de instalare

|                            |                 |
|----------------------------|-----------------|
| Conexiune intrare/iesire   | 1 "             |
| Conexiune evacuare canal   | 3/4 "           |
| Conexiune electrica        | 230 V, 50 Hz    |
| Putere electrica           | 6 W             |
| Presiune minima            | 200 kPa (2 bar) |
| Presiune maxima            | 700 kPa (7 bar) |
| Vacum                      | Nepermis        |
| Pierdere de presiune medie | 100 kPa (1 bar) |
| Temperatura maxima a apei  | 43° C           |



#### Tip vana:

Clack WS1 CI – 5 butoane, regenerare dupa timp/volum, productie SUA

#### Rasina schimbatoare de ioni:

Rasina de denitrare, certificat pentru utilizare in industria alimentara.

Capacitate: 0.9 eq/l

Durata medie de utilizare – 10 ani

### Schimb ionic (pentru un consum de sare de 120 g/l)

| Model       | Cant. rasina | Capacitate ciclica                      | Consum de sare/regenerare | Debite de functionare                 |                                     |
|-------------|--------------|-----------------------------------------|---------------------------|---------------------------------------|-------------------------------------|
|             |              |                                         |                           | Debit nominal (viteza filtrare 25m/h) | Debit maxim (viteza filtrare 45m/h) |
|             | [Litri]      | [m <sup>3</sup> /mg/L NO <sub>3</sub> ] | [Kg]                      | m <sup>3</sup> /h                     | m <sup>3</sup> /h                   |
| FDENC 25/V  | 25           | 75                                      | 3                         | 1.2                                   | 2                                   |
| FDENC 35/V  | 35           | 105                                     | 4.2                       | 1.4                                   | 2.4                                 |
| FDENC 50/V  | 50           | 150                                     | 6                         | 1.9                                   | 3.5                                 |
| FDENC 65/V  | 65           | 195                                     | 7.8                       | 2                                     | 3.6                                 |
| FDENC 75/V  | 75           | 225                                     | 9                         | 2.5                                   | 4.5                                 |
| FDENC 85/V  | 85           | 255                                     | 10.2                      | 2.6                                   | 4.6                                 |
| FDENC 100/V | 100          | 300                                     | 12                        | 3.3                                   | 5.9                                 |
| FDENC 115/V | 115          | 345                                     | 13.8                      | 3.5                                   | 6.1                                 |
| FDENC 125/V | 125          | 375                                     | 15                        | 3.75                                  | 6.1                                 |
| FDENC 135/V | 135          | 405                                     | 16.2                      | 4.1                                   | 6.1                                 |
| FDENC 150/V | 150          | 450                                     | 18                        | 4.5                                   | 6.1                                 |
| FDENC 175/V | 175          | 525                                     | 21                        | 4.5                                   | 6.1                                 |
| FDENC 200/V | 200          | 600                                     | 24                        | 4.5                                   | 6.1                                 |
| FDENC 250/V | 250          | 750                                     | 30                        | 4.5                                   | 6.1                                 |

Capacitatea ciclica este valabila in cazul in care valoarea sulfatilor (SO<sub>4</sub>)<sup>2-</sup> din apa este 0 mg/L



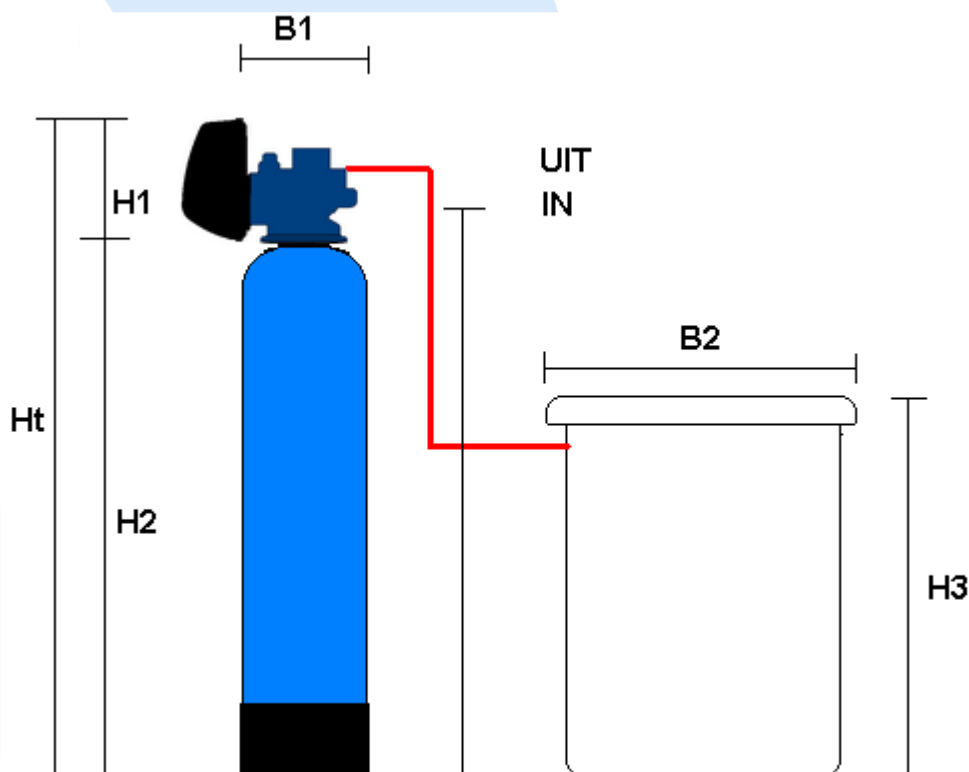
## Consum de apa la spalare

| Model                |       | FDENC<br>25 | FDENC<br>35 | FDENC<br>50 | FDENC<br>65 | FDENC<br>75 | FDENC<br>85 | FDENC<br>100 |
|----------------------|-------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| Spalare inversa 1    | litri | 35          | 65          | 65          | 100         | 130         | 140         | 160          |
| Asp.saramura+clatire | litri | 50          | 60          | 95          | 120         | 140         | 165         | 245          |
| Spalare inversa 2    | litri | 15          | 25          | 35          | 45          | 50          | 70          | 100          |
| Clatire rapida       | litri | 75          | 90          | 125         | 170         | 205         | 205         | 100          |
| TOTAL                | litri | 175         | 240         | 320         | 435         | 525         | 580         | 605          |

| Model                |       | FDENC<br>115 | FDENC<br>125 | FDENC<br>135 | FDENC<br>150 | FDENC<br>175 | FDENC<br>200 | FDENC<br>250 |
|----------------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Spalare inversa 1    | litri | 160          | 160          | 180          | 200          | 220          | 240          | 260          |
| Asp.saramura+clatire | litri | 320          | 370          | 405          | 445          | 490          | 550          | 585          |
| Spalare inversa 2    | litri | 100          | 100          | 110          | 125          | 135          | 150          | 165          |
| Clatire rapida       | litri | 100          | 100          | 110          | 125          | 125          | 140          | 150          |
| TOTAL                | litri | 680          | 730          | 805          | 895          | 970          | 1080         | 1160         |

Valorile prezentate in tabel sunt presetate din fabrica. Acestea pot fi modificate personalizat de beneficiar in functie de aplicatie si de cerinte.

## Dimensiuni (cm)



| Model          | Cap<br>hidraulic | Coloana | Vas<br>saramura | Filtru<br>Deduriz. | Intrare/<br>iesire | Coloana | Vas<br>saramura | Greutate* | Volum<br>vas<br>saramura |
|----------------|------------------|---------|-----------------|--------------------|--------------------|---------|-----------------|-----------|--------------------------|
|                | H1               | H2      | H3              | Ht                 | Hracod             | B1      | B2              | [Kg]      | [litri]                  |
| FDENC<br>25/V  | 19               | 91      | 88              | 110                | 94                 | 23      | 46              | 149       | 100                      |
| FDENC<br>35/V  | 19               | 113     | 88              | 132                | 116                | 26      | 46              | 173       | 100                      |
| FDENC<br>50/V  | 19               | 139     | 88              | 158                | 142                | 26      | 46              | 197       | 100                      |
| FDENC<br>65/V  | 19               | 134     | 88              | 153                | 137                | 31      | 46              | 217       | 100                      |
| FDENC<br>75/V  | 19               | 139     | 116             | 158                | 142                | 34      | 55              | 347       | 200                      |
| FDENC<br>85/V  | 19               | 139     | 116             | 158                | 142                | 34      | 55              | 360       | 200                      |
| FDENC<br>100/V | 19               | 165     | 116             | 184                | 168                | 37      | 55              | 409       | 200                      |
| FDENC<br>115/V | 19               | 165     | 116             | 184                | 168                | 37      | 55              | 415       | 200                      |
| FDENC<br>125/V | 19               | 165     | 116             | 184                | 168                | 37      | 55              | 422       | 200                      |
| FDENC<br>135/V | 19               | 165     | 116             | 184                | 168                | 41      | 55              | 446       | 200                      |
| FDENC<br>150/V | 19               | 165     | 128             | 184                | 168                | 41      | 74              | 581       | 350                      |
| FDENC<br>175/V | 19               | 165     | 128             | 184                | 168                | 46      | 74              | 679       | 350                      |
| FDENC<br>200/V | 19               | 165     | 128             | 184                | 168                | 46      | 74              | 688       | 350                      |
| FDENC<br>250/V | 19               | 158     | 128             | 177                | 161                | 54      | 74              | 720       | 350                      |

\* Greutatea totala este calculata in functionare cu vasul de saramura plin.

