

Iron, manganese, ammonia, natural organic matter removers, water softener with Ecomix-A media

| Part number.            | ECOMIX-A<br>Liter /<br>capacity                   | Valve /<br>Connection             | Flow<br>m <sup>3</sup> /h | Sur.<br>m <sup>2</sup> | Back-<br>flow rate     | Wei<br>ght<br>kg | Brine<br>tank<br>volume | Size<br>(mm)<br>H x W x L |
|-------------------------|---|-----------------------------------|---------------------------|------------------------|------------------------|------------------|-------------------------|---------------------------|
| BlueSoft N120EA/<br>VR1 | 25 /<br><b>52 m<sup>3</sup>x<sup>o</sup>dH</b>    | RX-63C-DVS<br><b>1"</b>           | 1-1,2                     | 0.05                   | 0.75m <sup>3</sup> /h  | 36               | Built in                | 1150 x 520 x 340          |
| BlueSoft 1054EA-RX      | 37 /<br><b>77 m<sup>3</sup>x<sup>o</sup>dH</b>    | RX-63C-DVS<br><b>1"</b>           | 1,1-1,3                   | 0.05                   | 0.75m <sup>3</sup> /h  | 44               | 70 liter                | 1570 x 700 x 400          |
| BlueSoft 1248EA-RX      | 50 /<br><b>105 m<sup>3</sup>x<sup>o</sup>dH</b>   | RX-63C-DVS<br><b>1"</b>           | 1,4-1,7                   | 0.07                   | 1.05m <sup>3</sup> /h  | 54               | 70 liter                | 1420 x 710 x 400          |
| BlueSoft 1354EA-RX      | 62 /<br><b>130 m<sup>3</sup>x<sup>o</sup>dH</b>   | RX-63C-DVS<br><b>1"</b>           | 1,6-2                     | 0.08                   | 1.2m <sup>3</sup> /h   | 66               | 70 liter                | 1490 x 740 x 400          |
| BlueSoft 1465EA-RX      | 75 /<br><b>157 m<sup>3</sup>x<sup>o</sup>dH</b>   | RX-63C-DVS<br><b>1"</b>           | 2-2,5                     | 0.1                    | 1.5m <sup>3</sup> /h   | 80               | 145 liter               | 1860 x 890 x 520          |
| BlueSoft 1665EA-RX      | 100 /<br><b>210 m<sup>3</sup>x<sup>o</sup>dH</b>  | RX-63C-DVS<br><b>1"</b>           | 2,6-3,2                   | 0.13                   | 1.95m <sup>3</sup> /h  | 104              | 145 liter               | 1900 x 940 x 520          |
| BlueSoft 2162EA-RX      | 150 /<br><b>315 m<sup>3</sup>x<sup>o</sup>dH</b>  | RX-74A-DVS<br><b>2"</b>           | 4,4-5,5                   | 0.22                   | 3.3m <sup>3</sup> /h   | 155              | 200 liter               | 1970 x 1110 x 560         |
| BlueSoft 2472EA-RX      | 225 /<br><b>472 m<sup>3</sup>x<sup>o</sup>dH</b>  | RX-74A-DVS<br><b>2"</b>           | 5,6-7                     | 0.28                   | 4.2m <sup>3</sup> /h   | 234              | 300 liter               | 2160 x 1360 x 740         |
| BlueSoft 3072EA-RX      | 350 /<br><b>735 m<sup>3</sup>x<sup>o</sup>dH</b>  | RX-77A-DVS<br><b>2"</b>           | 8,8-11                    | 0.44                   | 6.6m <sup>3</sup> /h   | 574              | 500 liter               | 2460 x 1630 x 840         |
| BlueSoft 3672EA-RX      | 525 /<br><b>1102 m<sup>3</sup>x<sup>o</sup>dH</b> | RX-77A-DVS<br><b>2"</b>           | 12,8-<br>16               | 0.64                   | 9.6m <sup>3</sup> /h   | 716              | 750 liter               | 2470 x 1900 x 960         |
| BlueSoft 4272EA-RX      | 700 /<br><b>1470 m<sup>3</sup>x<sup>o</sup>dH</b> | RX-77A-DVS<br><b>2"</b>           | 18                        | 0.88                   | 13.2 m <sup>3</sup> /h | 864              | 1000<br>liter           | 2470 x 2020 x 1080        |
| BlueSoft 4872EA-RX      | 900 /<br><b>1890 m<sup>3</sup>x<sup>o</sup>dH</b> | RX-78SSM-<br>DVS<br><b>2 1/2"</b> | 22,4-<br>28               | 1.12                   | 16.8 m <sup>3</sup> /h | 1105             | 1500<br>liter           | 2620 x 3300 x 1360        |

Capacity of ECOMIX-A = ECOMIX-A liter x 2.1  
 Calculation of capacity of system: only hardness !  
 Regeneration solution: 100g NaCl / liter media  
 Water consumption: 4-6 water / liter media  
 Lifetime of the media is 3-10 years.

Working conditions: ECOMIX-A  
 Hardness: <750mg/l CaCO<sub>3</sub>  
 Iron: <15mg/l  
 Manganese: <3mg/l  
 COD (KMnO<sub>4</sub>): <16mg/l  
 Ammonia: <4mg/l  
 TDS: <4000mg/l  
 Operating temperature: 4-40 °C  
 pH: 5-10  
 Optimum bed depth: 800mm  
 Flow rate of service: 20-25 m/h  
 Flow rate of backwash(15-20min): 13-15m/h  
 Flow rate of regeneration(45-65min): 3-5m/h  
 Flow rate of rinse (15-20min): 20-25m/h  
 Free bed volume: >40%



BlueSoft 1465EA-RX