

# Jane CDK

|        |                            |
|--------|----------------------------|
| System | Monobloc softener          |
| Valve  | Runxin F79BH-LCD Down Flow |
| Range  | Jane CDK                   |
| Resin  | Heterodisperse - no gravel |

## FLOW RATE

|                           | Mini |     | Midi | Maxi |     |
|---------------------------|------|-----|------|------|-----|
| Unit size                 | 10   | 14  | 18   | 22   | 30  |
| Nominal m <sup>3</sup> /h | 0.6  | 1.0 | 1.0  | 1.0  | 1.0 |
| Peak m <sup>3</sup> /h    | 1.3  | 1.3 | 1.2  | 1.2  | 1.2 |

### REMARKS

To reduce the loss of pressure by strong water take during regeneration, the service flow rate during brine draw should better not exceed the nominal flow rate - the minimum inlet pressure may never be compromised.

## ION EXCHANGE

|                               | Mini |      | Midi | Maxi |      |
|-------------------------------|------|------|------|------|------|
| Unit size                     | 10   | 14   | 18   | 22   | 30   |
| <b>Loading capacity</b>       |      |      |      |      |      |
| kg CaCO <sub>3</sub>          | 0.32 | 0.40 | 0.81 | 1.20 | 1.80 |
| °f x m <sup>3</sup>           | 32   | 49   | 81   | 120  | 180  |
| °dH x m <sup>3</sup>          | 18   | 28   | 46   | 67   | 101  |
| <b>Salt consumption</b>       |      |      |      |      |      |
| kg salt/regen.                | 1.3  | 1.8  | 2.3  | 2.8  | 3.8  |
| <b>Brine efficiency</b>       |      |      |      |      |      |
| kg CaCO <sub>3</sub> /kg salt | 0.26 | 0.29 | 0.33 | 0.46 | 0.48 |

## REGENERATION

|                                      | Mini |      | Midi | Maxi |      |
|--------------------------------------|------|------|------|------|------|
| Unit size                            | 10   | 14   | 18   | 22   | 30   |
| <b>Total minutes</b>                 | 41   | 53   | 63   | 82   | 110  |
| <b>Total liters</b>                  | 57   | 85   | 90   | 101  | 151  |
| m <sup>3</sup> /kg CaCO <sub>3</sub> | 0.18 | 0.21 | 0.11 | 0.08 | 0.08 |

### REMARKS

To meet the EN14743(4.4.3.) requirements for softeners, the rinse water consumption may not be higher than 0,33 m<sup>3</sup>/ kg CaCO<sub>3</sub>.