





# 17.0

**Softeners and column  
filters in pre-assembled  
kits**

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# 17.1 CABINET SOFTENERS AUTOMATIC AROMA

AROMA

## AUTOMATIC CABINET SOFTENERS AROMA BLACK

| Code      | Description                                     | € |
|-----------|---|---|
| 01WLA0713 | AROMA 25 BLACK - Volume-Time Aroma Softener F69 |   |
| 01WLA0717 | AROMA 35 BLACK - Softener Aroma Volume-Time F69 |   |
| 0100215   | AROMA 55 BLACK - Softener Aroma Volume-Time F69 |   |

### OVERALL DIMENSIONS

| Code      | L mm | P mm | H mm |
|-----------|------|------|------|
| 01WLA0713 | 460  | 210  | 490  |
| 01WLA0717 | 460  | 210  | 590  |
| 0100215   | 530  | 340  | 590  |



## AROMA WHITE AUTOMATIC CABINET SOFTENERS

| Code       | Description                                     | € |
|------------|---|---|
| 01WLA0713A | AROMA 25 WHITE - Aroma Softener Volume-Time F79 |   |
| 01WLA0717A | AROMA 35 WHITE - Volume-Time Softener F79       |   |
| 0100216    | AROMA 55 WHITE - Volume-Time Softener F79       |   |

### OVERALL DIMENSIONS

| Code       | L mm | P mm | H mm |
|------------|------|------|------|
| 01WLA0713A | 430  | 210  | 510  |
| 01WLA0717A | 430  | 210  | 560  |
| 0100216    | 545  | 320  | 610  |



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# 17.2 CABINET VOLUME SOFTENERS WITH CANATURE VALVE

## CABINET VOLUME SOFTENERS WITH CANATURE VALVE CS8H

| Code       | Description                                  | € |
|------------|--|---|
| 01CS8H0713 | Autonomous softener CS8H volumeBNT85 1" 5 l  |   |
| 01CS8H0722 | Automatic softener CS8H volumeBNT85 1" 9 l   |   |
| 01CS8H0735 | Autonomous softener CS8H volumeBNT85 1" 15 l |   |

### OVERALL DIMENSIONS

| Code       | L mm | P mm | H mm |
|------------|------|------|------|
| 01CS8H0713 | 200  | 360  | 490  |
| 01CS8H0722 | 200  | 360  | 700  |
| 01CS8H0735 | 200  | 360  | 1060 |



## CABINET VOLUME SOFTENERS WITH VALVE CANATURE CS6H

| Code       | Description                                   | € |
|------------|---|---|
| 01CS6H0817 | Autonomous softener CS6H volumeBNT865 1" 8 l  |   |
| 01CS6H1017 | Autonomous softener CS6H volumeBNT865 1" 12 l |   |
| 01CS6H1026 | Autonomous softener CS6H volumeBNT865 1" 20 l |   |
| 01CS6H0835 | Autonomous softener CS6H volumeBNT865 1" 20 l |   |
| 01CS6H1035 | Autonomous softener CS6H volumeBNT865 1" 25 l |   |

### OVERALL DIMENSIONS

| Code       | L mm | P mm | H mm |
|------------|------|------|------|
| 01CS6H0817 | 335  | 505  | 575  |
| 01CS6H1017 | 335  | 505  | 575  |
| 01CS6H1026 | 335  | 505  | 810  |
| 01CS6H0835 | 335  | 505  | 1035 |
| 01CS6H1035 | 335  | 505  | 1035 |



## CABINET VOLUME SOFTENERS WITH VALVE CANATURE CS10H

| Code        | Description  | € |
|-------------|--|---|
| 01CS10H0817 | Softener aut.CS10H volume slide CANATURE BNT865 1" 8 l     |   |
| 01CS10H1017 | Softener aut.CS10H slide by volume CANATURE BNT865 1" 12 l |   |
| 01CS10H0835 | Softener aut.CS10H volume slide CANATURE BNT865 1" 20 l    |   |
| 01CS10H1035 | Softener aut.CS10H volume slide CANATURE BNT865 1" 25 l    |   |

### OVERALL DIMENSIONS

| Code        | L mm | P mm | H mm |
|-------------|------|------|------|
| 01CS10H0817 | 350  | 500  | 660  |
| 01CS10H1017 | 350  | 500  | 660  |
| 01CS10H0835 | 350  | 500  | 1110 |
| 01CS10H1035 | 350  | 500  | 1110 |



## DOUBLE-BODY VOLUME SOFTENERS WITH VALVE CANATURE

| Code    | Description                                       | € |
|---------|---|---|
| 0100341 | Automatic volumetric softener CAN185 1" 15 l d.b. |   |
| 0100841 | Automatic volumetric softener CAN185 1" 20 l d.b. |   |
| 0100941 | Automatic volumetric softener CAN185 1" 25 l d.b. |   |
| 0101141 | Automatic volumetric softener CAN185 1" 50 l d.b. |   |
| 0101241 | Automatic volumetric softener CAN185 1" 75 l d.b. |   |

## 17.3 CABINED VOLUME SOFTENERS WITH RUNIN VALVE

| Code      | Description   | € |
|-----------|---|---|
| 01RA1000H | Automatic softener cabinet mini RA RX F79B-LCD/F70DL 12.5 l |   |
| 01RA1500H | Automatic softener cab maxi RA RX F79B-LCD/F70DL 28 l       |   |

| Code    | Description   | € |
|---------|---|---|
| 0100213 | Automatic volume softener RUNXIN F79 3/4" 15 l CAB MAXI EU  |   |
| 0100312 | Automatic volume softener RUNXIN F79 3/4" 20 l CAB MAXI EU  |   |
| 0100412 | Automatic volume softener RUNXIN F79 3/4" 25 l. CAB MAXI EU |   |
| 0100512 | Automatic volume softener RUNXIN F79 1" 25 l. CAB MAXI EU   |   |

### OVERALL DIMENSIONS

| Code    | L mm | P mm | H mm |
|---------|------|------|------|
| 0100213 | 320  | 480  | 1120 |
| 0100312 | 320  | 480  | 1120 |
| 0100412 | 320  | 480  | 1120 |
| 0100512 | 320  | 480  | 1120 |



## 17.4 CABINET VOLUME SOFTENERS WITH CLACK VALVE

### TEMPERATURE CABINED SOFTENERS WITH CLACK VALVE TC

| Code      | Description  | € |
|-----------|--|---|
| 0100146   | Automatic time softener CT 1" 4lt CAB BINGO                    |   |
| 0100145   | Automatic time softener CT 1" 4lt CAB UNDER                    |   |
| 0100285   | Automatic time-lapse softener CT 1" 8lt CAB MINI EU            |   |
| 0100385   | Automatic timed softener CT 1" 15 l. CAB MAXI EU               |   |
| 0100485   | Automatic timed softener CT 1" 20 l. CAB MAXI EU               |   |
| 0100585   | Automatic timed softener CT 1" 25 l. CAB MAXI EU               |   |
| 0103585BA | Automatic timed softener CT 1" 30 l CAB. MAXI PEARL WHITE BLUE |   |



### CABINED VOLUME SOFTENERS WITH CLACK VALVE CI

| Code      | Description   | € |
|-----------|---|---|
| 0100141   | Automatic volume softener CV 1" 4lt CAB. BINGO                  |   |
| 0100140   | Automatic volume softener CV 1" 4lt CAB. UNDER                  |   |
| 0100290   | Automatic volume softener CV 1" 8 l CAB MINI EU                 |   |
| 0100390   | Automatic volume softener CV 1" 15 l. CAB MAXI EU               |   |
| 0100490   | Automatic volume softener CV 1" 20 l. CAB MAXI EU               |   |
| 0100590   | Automatic volume softener CV 1" 25 l. CAB MAXI EU               |   |
| 0103590BA | Automatic softener volume CV 1" 30 l CAB. MAXI PEARL WHITE BLUE |   |



## CABINED VOLUME SOFTENERS ECO PRO UF WITH CLACK VALVE

| Code        | Description  | € |
|-------------|--|---|
| 0100290CM/2 | Automatic volumetric softener ECO PRO UF CM 3/4" 10 l. CAB MINI<br>CVS |   |
| 0100291CM/2 | Automatic volumetric softener ECO PRO UF CM 3/4" 15 l. CAB MINI<br>CVS |   |
| 0100390CM/2 | Automatic volumetric softener ECO PRO UF CM 3/4" 15 l. CAB MAXI<br>CVS |   |
| 0100490CM/2 | Automatic volumetric softener ECO PRO UF CM 3/4" 20 l. CAB MAXI<br>CVS |   |
| 0100590CM/2 | Automatic volumetric softener ECO PRO UF CM 3/4" 25 l. CAB MAXI<br>CVS |   |
| 0103590CM/2 | Automatic volumetric softener ECO PRO UF CM 3/4" 30 l. CAB MAXI<br>CVS |   |
| 0103591CM/2 | Automatic volumetric softener ECO PRO UF CM 3/4" 40 l. CAB MAXI<br>CVS |   |



## DOUBLE-BODY SOFTENERS WITH CLACK VALVE TC (ON REQUEST AVAILABLE WITH CM VALVE)

| Code    | Description   | € |
|---------|---|---|
| 0100685 | Automatic time softener CT 1" 8 l d.c.                |   |
| 0100785 | Automatic time softener CT 1" 15 l d.c.               |   |
| 0100885 | Automatic time softener CT 1" 20 l d.c.               |   |
| 0100985 | Automatic time softener CT 1" 25 l d.c.               |   |
| 0101085 | Automatic time softener CT 1" 40 l d.c.               |   |
| 0101185 | Automatic time softener CT 1" 50 l d.c.               |   |
| 0101285 | Automatic time softener CT 1" 75 l d.c.               |   |
| 0101425 | Automatic time softener CT 1" 100 l d.c.              |   |
| 0101435 | Automatic timed softener CT 1"1/2 100 l d.c.          |   |
| 0101436 | Automatic timed softener CT PLT 1"1/2 100 l d.c.      |   |
| 0101525 | Automatic time softener CT 1" 125 l d.c.              |   |
| 0101625 | Automatic time softener CT 1" 150 l d.c.              |   |
| 0101825 | Automatic time softener CT 1" 200 l d.c.              |   |
| 0101535 | Automatic timed softener CT 1"1/2 125 l d.c.          |   |
| 0101536 | Automatic timed softener CT PLT 1"1/2 125 l d.c.      |   |
| 0101635 | Automatic timed softener CT 1"1/2 150 l d.c.          |   |
| 0101636 | Automatic timed softener CT PLT 1"1/2 150 l d.c.      |   |
| 0101835 | Automatic timed softener CT 1"1/2 200 l d.c.          |   |
| 0101837 | Automatic timed softener CT PLT 1"1/2 200 l d.c.      |   |
| 0101836 | Automatic time softener CT 2" 200 l d.c.              |   |
| 0101935 | Automatic timed softener CT 1"1/2 300 l d.c.          |   |
| 0101937 | Automatic time-lapse softener CT PLT 1"1/2 300 l d.c. |   |
| 0101936 | Automatic time softener CT 2" 300 l d.c.              |   |
| 0102035 | Automatic timed softener CT 1"1/2 450 l d.c.          |   |
| 0102038 | Automatic timed softener CT PLT 1"1/2 450 l d.c.      |   |
| 0102036 | Automatic time softener CT 2" 450 l d.c.              |   |



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## DOUBLE-BODY VOLUME SOFTENERS WITH CLACK CI VALVE (OPTIONALLY AVAILABLE WITH CM VALVE)

| Code    | Description                                       | € |
|---------|---|---|
| 0100690 | Automatic volume softener CV 1" 8lt d.c.          |   |
| 0100790 | Automatic volume softener CV 1" 15 l d.c.         |   |
| 0100890 | Automatic volume softener CV 1" 20 l d.c.         |   |
| 0100990 | Automatic volume softener CV 1" 25lt d.c.         |   |
| 0101090 | Automatic volume softener CV 1" 40 l d.c.         |   |
| 0101190 | Automatic volume softener CV 1" 50 l d.c.         |   |
| 0101290 | Automatic volume softener CV 1" 75 l d.c.         |   |
| 0101291 | Automatic volume softener CV 1"1/4 75 l d.c.      |   |
| 0101430 | Automatic volume softener CV 1" 100 l d.c.        |   |
| 0101431 | Automatic volume softener CV 1"1/4 100 l d.c.     |   |
| 0101440 | Automatic volume softener CV 1"1/2 100 l d.c.     |   |
| 0101441 | Automatic volume softener CV PLT 1"1/2 100 l d.c. |   |
| 0101530 | Automatic volume softener CV 1" 125 l d.c.        |   |
| 0101531 | Automatic volume softener CV 1"1/4 125 l d.c.     |   |
| 0101540 | Automatic volume softener CV 1"1/2 125 l d.c.     |   |
| 0101541 | Automatic volume softener CV PLT 1"1/2 125 l d.c. |   |
| 0101630 | Automatic volume softener CV 1" 150 l d.c.        |   |
| 0101631 | Automatic volume softener CV 1"1/4 150 l d.c.     |   |
| 0101640 | Automatic volume softener CV 1"1/2 150 l d.c.     |   |
| 0101641 | Automatic volume softener CV PLT 1"1/2 150 l d.c. |   |
| 0101830 | Automatic volume softener CV 1" 200 l d.c.        |   |
| 0101831 | Automatic volume softener CV 1"1/4 200 l d.c.     |   |
| 0101840 | Automatic volume softener CV 1"1/2 200 l d.c.     |   |
| 0101842 | Automatic volume softener CV PLT 1"1/2 200 l d.c. |   |
| 0101860 | Automatic volume softener CV 2" 200 l d.c.        |   |
| 0101940 | Automatic volume softener CV 1"1/2 300 l d.c.     |   |
| 0101942 | Automatic volume softener CV PLT 1"1/2 300 l d.c. |   |
| 0101941 | Automatic volume softener CV 2" 300 l d.c.        |   |
| 0102040 | Automatic volume softener CV 1"1/2 450 l d.c.     |   |
| 0102042 | Automatic volume softener CV PLT 1"1/2 450 l d.c. |   |
| 0102041 | Automatic volume softener CV 2" 450 l d.c.        |   |



## DUPLEX SOFTENERS WITH CLACK VALVE VTT1 CI TWIN

| Code    | Description                               | € |
|---------|---|---|
| 0102204 | Duplex automatic softener CD TWIN 1"25 l  |   |
| 0102214 | Duplex automatic softener CD TWIN 1" 40 l |   |
| 0102218 | Duplex automatic softener CD TWIN 1"50 l  |   |
| 0102224 | Duplex automatic softener CD TWIN 1"75 l  |   |
| 0102234 | Duplex automatic softener CD TWIN 1"100 l |   |
| 0102244 | Duplex automatic softener CD TWIN 1"125 l |   |
| 0102314 | Duplex automatic softener CD TWIN 1"150 l |   |
| 0102334 | Duplex automatic softener CD TWIN 1"200 l |   |



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# 17.5 CABINET VOLUME SOFTENERS WITH VALVE FLECK

## TEMPERATURE CABINET SOFTENERS WITH VALVE FLECK

| Code      | Description  | € |
|-----------|--|---|
| 0100110   | Automatic time softener FT SXT 1" 4lt CAB.MICRO WL                         |   |
| 0100202   | Automatic time softener FT SXT 1" 8lt CAB MINI EU                          |   |
| 0100302   | Automatic time-lapse softener FT SXT 1" 15 l CAB MAXI EU                   |   |
| 0100402   | Automatic time-lapse softener FT SXT 1" 20 l CAB MAXI EU                   |   |
| 0100502   | Automatic time-lapse softener FT SXT 1" 25 l CAB.M AXI EU                  |   |
| 0103502BA | Automatic time-lapse softener FT SXT 1" 30 l CAB. MAXI PEARL WHITE<br>BLUE |   |



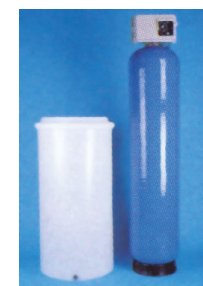
## CABINET VOLUME SOFTENERS WITH VALVE FLECK

| Code      | Description  | € |
|-----------|--|---|
| 0100111   | Automatic volume softener FV SXT 1" 4lt CAB. MICRO WL                  |   |
| 0100232   | Automatic volume softener FV SXT 1" 8lt CAB. MINI EU                   |   |
| 0100332   | Automatic volume softener FV SXT 1" 15 l CAB MAXI EU                   |   |
| 0100432   | Automatic volume softener FV SXT 1" 20 l CAB MAXI EU                   |   |
| 0100532   | Automatic volume softener FV SXT 1" 25 l CAB MAXI EU                   |   |
| 0103532BA | Automatic volume softener FV SXT 1" 30 l CAB. MAXI PEARL WHITE<br>BLUE |   |



## TIMED DOUBLE BODY SOFTENER WITH FLECK VALVE

| Code    | Description  | € |
|---------|--|---|
| 0100602 | Automatic time softener FT SXT 1" 8 l d.c.                 |   |
| 0100702 | Automatic time softener FT SXT 1" 15 l d.c.                |   |
| 0100802 | Automatic time-lapse softener FT SXT 1" 20 l d.c.          |   |
| 0100902 | Automatic time softener FT SXT 1" 25lt d.c.                |   |
| 0101002 | Automatic time-lapse softener FT SXT 1" 40 l d.c.          |   |
| 0101102 | Automatic time softener FT SXT 1" 50 l d.c.                |   |
| 0101202 | Automatic time softener FT SXT 1" 75 l d.c.                |   |
| 0101407 | Automatic timed softener FT SXT 1"1/2 100 l d.c.           |   |
| 0101507 | Automatic timed softener FT SXT 1"1/2 125 l d.c.           |   |
| 0101607 | Automatic time-controlled softener FT SXT 1"1/2 150 l d.c. |   |
| 0101807 | Automatic timed softener FT SXT 1"1/2 200 l d.c.           |   |
| 0101822 | Automatic time-lapse softener FT SXT 2" 200 l d.c.         |   |
| 0101902 | Automatic time-lapse softener FT SXT 1"1/2 300 l d.c.      |   |
| 0101922 | Automatic time-lapse softener FT SXT 2" 300 l d.c.         |   |
| 0102002 | Automatic time-lapse softener FT SXT 1"1/2 450 l d.c.      |   |
| 0102022 | Automatic time softener FT SXT 2" 450 l d.c.               |   |



## DOUBLE-BODY VOLUME SOFTENERS WITH VALVE FLECK

| Code    | Description                                       | € |
|---------|---|---|
| 0100632 | Automatic volume softener FV SXT 1" 8 l d.c.      |   |
| 0100732 | Automatic volume softener FV SXT 1" 15 l d.c.     |   |
| 0100832 | Automatic volume softener FV SXT 1" 20 l d.c.     |   |
| 0100932 | Automatic volume softener FV SXT 1" 25 l d.c.     |   |
| 0101032 | Automatic volume softener FV SXT 1" 40lt d.c.     |   |
| 0101132 | Automatic volume softener FV SXT 1" 50 l d.c.     |   |
| 0101232 | Automatic volume softener FV SXT 1" 75 l d.c.     |   |
| 0101417 | Automatic volume softener FV SXT 1"1/2 100 l d.c. |   |
| 0101517 | Automatic volume softener FV SXT 1"1/2 125 l d.c. |   |
| 0101617 | Automatic volume softener FV SXT 1"1/2 150 l d.c. |   |
| 0101817 | Automatic volume softener FV SXT 1"1/2 200 l d.c. |   |
| 0101852 | Automatic volume softener FV SXT 2" 200 l d.c.    |   |
| 0101912 | Automatic volume softener FV SXT 1"1/2 300 l d.c. |   |
| 0101952 | Automatic volume softener FV SXT 2" 300 l d.c.    |   |
| 0102012 | Automatic volume softener FV SXT 1"1/2 450 l d.c. |   |
| 0102052 | Automatic volume softener FV SXT 2" 450 l d.c.    |   |



## ELECTRONIC DUPLEX SOFTENERS WITH VALVE FLECK

| Code    | Description                                  | € |
|---------|--|---|
| 0102202 | Automatic duplex softener FD SXT 1" 25 l     |   |
| 0102212 | Automatic duplex softener FD SXT 1" 40 l     |   |
| 0102217 | Automatic duplex softener FD SXT 1" 50 l     |   |
| 0102222 | Automatic duplex softener FD SXT 1" 75 l     |   |
| 0102232 | Automatic duplex softener FD SXT 1" 100 l    |   |
| 0102242 | Automatic duplex softener FD SXT 1" 125 l    |   |
| 0102317 | Automatic duplex softener FD SXT 1"1/2 100 l |   |
| 0102302 | Automatic duplex softener FD SXT 1"1/2 125 l |   |
| 0102312 | Automatic duplex softener FD SXT 1"1/2 150 l |   |
| 0102332 | Automatic duplex softener FD SXT 1"1/2 200 l |   |
| 0102342 | Automatic duplex softener FD SXT 1"1/2 300 l |   |



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## 17.6 CABINET VOLUME SOFTENERS WITH AUTOTROL VALVE

### TIME CONTROLLED SOFTENERS WITH AUTOTROL LOGIX 740 VALVE

| Code      | Description   | € |
|-----------|---|---|
| 0100131   | ATL 1" 4 l automatic time softener CAB. UNDER                   |   |
| 0100271   | ATL 1" 8 l automatic time softener CAB. MINI EU                 |   |
| 0100371   | ATL 1"15 l automatic time softener CAB. MAXI EU                 |   |
| 0100471   | ATL 1" 20 l automatic time softener CAB. MAXI EU                |   |
| 0100571   | ATL 1" 25 l automatic time softener CAB. MAXI EU                |   |
| 0103571BA | Automatic timed softener ATL 1" 30 l CAB. MAXI PEARL WHITE BLUE |   |



### CABINET VOLUME SOFTENERS WITH VALVE AUTOTROL LOGIX 760

| Code      | Description  | € |
|-----------|--|---|
| 0100121   | Automatic volume softener AVL 1" 4lt. CAB UNDER                  |   |
| 0100281   | Automatic volume softener AVL 1" 8 l CAB MINI EU                 |   |
| 0100381   | Automatic volume softener AVL 1" 15 l CAB MAXI EU                |   |
| 0100481   | Automatic volume softener AVL 1" 20 l CAB MAXI EU                |   |
| 0100581   | Automatic volume softener AVL 1" 25 l. CAB MAXI EU               |   |
| 0103581BA | Automatic volume softener AVL 1" 30 l CAB. MAXI PEARL WHITE BLUE |   |



### TIME-CONTROLLED DOUBLE BODY SOFTENER WITH AUTOTROL LOGIX 760 VALVE

| Code    | Description                              | € |
|---------|--|---|
| 0100671 | ATL 1" 8 l d.c. automatic time softener  |   |
| 0100771 | ATL 1" 15 l d.c. automatic time softener |   |
| 0100871 | ATL 1" 20 l d.c. automatic time softener |   |
| 0100971 | ATL 1" 25 l d.c. automatic time softener |   |
| 0101071 | ATL 1" 40 l d.c. automatic time softener |   |
| 0101171 | ATL 1" 50 l d.c. automatic time softener |   |
| 0101271 | ATL automatic time softener 1" 75 l d.c. |   |



### DOUBLE VOLUME SOFTENER WITH AUTOTROL LOGIX 760 VALVE

| Code    | Description                                   | € |
|---------|---|---|
| 0100681 | Automatic volume softener AVL 1" 8 l d.c.     |   |
| 0100781 | Automatic volume softener AVL 1" 15 l d.c.    |   |
| 0100881 | Automatic volume softener AVL 1" 20 l d.c.    |   |
| 0100981 | Automatic volume softener AVL 1" 25lt d.c.    |   |
| 0101081 | Automatic volume softener AVL 1" 40 l d.c.    |   |
| 0101181 | Automatic softener with volumAVL 1" 50 l d.c. |   |
| 0101281 | Automatic volume softener AVL 1" 75 l d.c.    |   |



## 17.7 FILTRATION - DECHLORINATION - DEFERRIZATION

### MANUAL GRANULAR ACTIVATED CARBON FILTERS

| Code     | Description        | Ø   | H    | € |
|----------|--------------------|-----|------|---|
| FCM16000 | CRB 1" 20 T manual | 260 | 1090 |   |
| FCM16010 | CRB 1" 25 T manual | 260 | 1550 |   |
| FCM16020 | CRB 1" 30 T manual | 350 | 1550 |   |

### MANUAL SAND FILTERS

| Code     | Description        | Ø   | H    | € |
|----------|--------------------|-----|------|---|
| FQ150200 | MST 1" 20 T manual | 260 | 1090 |   |
| FQ150210 | MST 1" 25 T manual | 260 | 1550 |   |
| FQ150220 | MST 1" 30 T manual | 350 | 1550 |   |

### AUTOMATIC GRANULAR ACTIVATED CARBON FILTERS

| Code     | Description                 | Ø   | H    | € |
|----------|-----------------------------|-----|------|---|
| FCA17000 | CRB 1" 20 automatic         | 260 | 1090 |   |
| FCA17010 | CRB 1" 25 automatic         | 260 | 1550 |   |
| FCA17020 | CRB 1" 30 automatic         | 350 | 1550 |   |
| FCA17030 | CRB 1" 35 automatic         | 370 | 1920 |   |
| FCA17040 | CRB 1" 40 automatic         | 420 | 1920 |   |
| FCA17045 | CRB 1" 1/2 45 automatic     | 560 | 1920 |   |
| FCA17050 | CRB 1" 1/2 50 automatic     | 560 | 1920 |   |
| FCA17060 | CRB 1" 1/2 60 automatic     | 620 | 2050 |   |
| FCA17046 | CRB 1" 1/2 PLT 45 automatic | 560 | 1920 |   |
| FCA17051 | CRB 1" 1/2 PLT 50 automatic | 560 | 1920 |   |
| FCA17061 | CRB 1" 1/2 PLT 60 automatic | 620 | 2050 |   |
| FCA17070 | CRB 2" 80 automatic         | 800 | 2300 |   |

### AUTOMATIC SAND FILTERS

| Code     | Description                   | Ø   | H    | € |
|----------|-------------------------------|-----|------|---|
| FQA15000 | MST 1" - 20 automatic         | 260 | 1090 |   |
| FQA15010 | MST 1" - 25 automatic         | 260 | 1550 |   |
| FQA15020 | MST 1" - 30 automatic         | 350 | 1550 |   |
| FQA15030 | MST 1" - 35 automatic         | 370 | 1920 |   |
| FQA15040 | MST 1" - 40 automatic         | 420 | 1920 |   |
| FQA15045 | MST 1" 1/2 - 45 automatic     | 500 | 1920 |   |
| FQA15050 | MST 1" 1/2 - 50 automatic     | 560 | 1920 |   |
| FQA15060 | MST 1" 1/2 - 60 automatic     | 620 | 2050 |   |
| FQA15046 | MST 1" 1/2 PLT - 45 automatic | 500 | 1920 |   |
| FQA15051 | MST 1" 1/2 PLT - 50 automatic | 560 | 1920 |   |
| FQA15061 | MST 1" 1/2 PLT - 60 automatic | 620 | 2050 |   |
| FQA15070 | MST 2" - 80 automatic         | 800 | 2300 |   |



## IRON REMOVAL FILTERS IN BIRM

| Code     | Description             | Ø   | H    | € |
|----------|-------------------------|-----|------|---|
| FBR19000 | FBR 1" 20 automatic     | 260 | 1090 |   |
| FBR19010 | FBR 1" 25 automatic     | 260 | 1550 |   |
| FBR19020 | FBR 1" 30 automatic     | 350 | 1550 |   |
| FBR19030 | FBR 1" 35 automatic     | 370 | 1920 |   |
| FBR19040 | FBR 1" 40 automatic     | 420 | 1920 |   |
| FBR19050 | FBR 1" 45 automatic     | 500 | 1920 |   |
| FBR19060 | FBR 1" 1/2 45 automatic | 500 | 2000 |   |



## ZEOLITE DEFERRIZATION FILTERS

| Code     | Description             | Ø   | H    | € |
|----------|-------------------------|-----|------|---|
| FZA18000 | FZA 1" 20 automatic     | 260 | 1320 |   |
| FZA18010 | FZA 1" 25 automatic     | 260 | 1550 |   |
| FZA18020 | FZA 1" 30 automatic     | 350 | 1550 |   |
| FZA18030 | FZA 1" 35 automatic     | 370 | 1920 |   |
| FZA18040 | FZA 1" 40 automatic     | 420 | 1920 |   |
| FZA18045 | FZA 1" 45 automatic     | 500 | 1920 |   |
| FZA18050 | FZA 1" 1/2 50 automatic | 560 | 1920 |   |
| FZA18060 | FZA 1" 1/2 60 automatic | 620 | 2050 |   |
| FZA18080 | FZA 2" 80 automatic     | 800 | 2300 |   |



# 170

Softeners and column filters in pre-assembled kits

## 17.8 STANDARD CABIN CRUISERS

### BINGO

**OVERALL DIMENSIONS VALVE EXCLUDED**

| L mm | P mm | H mm |
|------|------|------|
| 280  | 485  | 355  |



### UNDER

**OVERALL DIMENSIONS VALVE EXCLUDED**

| L mm | P mm | H mm |
|------|------|------|
| 225  | 435  | 355  |



### MICRO

**OVERALL DIMENSIONS VALVE EXCLUDED**

| L mm | P mm | H mm |
|------|------|------|
| 200  | 360  | 365  |



### MINI EU

Can be used with CLACK, RUNXIN, FLECK and AUTOTROL valves.

**OVERALL DIMENSIONS VALVE EXCLUDED**

| L mm | P mm | H mm |
|------|------|------|
| 320  | 480  | 655  |



### MAXI EU

Can be used with CLACK, RUNXIN, FLECK and AUTOTROL valves.

**OVERALL DIMENSIONS VALVE EXCLUDED**

| L mm | P mm | H mm |
|------|------|------|
| 320  | 480  | 1120 |



## 17.9 OPTIONAL CABIN CRUISERS

### PEARL

Can be used with CLACK, RUNXIN, FLECK and AUTOTROL valves.

#### MINI-SIZE FOOTPRINT

| Code | L mm | P mm | H mm | € |
|------|------|------|------|---|
| /BA  | 340  | 525  | 660  |   |

#### MAXI-SIMBING DIMENSIONS

| Code | L mm | P mm | H mm | € |
|------|------|------|------|---|
| /BA  | 340  | 525  | 1125 |   |



### WL10

Can be used with CLACK, RUNXIN and FLECK valves.

#### MINI-SIZE FOOTPRINT

| Code | L mm | P mm | H mm | € |
|------|------|------|------|---|
| /10  | 350  | 500  | 660  |   |

#### MAXI-SIMBING DIMENSIONS

| Code | L mm | P mm | H mm | € |
|------|------|------|------|---|
| /10  | 350  | 500  | 1100 |   |



### CLACK CWS

Can be used with CLACK, RUNXIN and FLECK valves.

#### MINI-SIZE FOOTPRINT

| Code | L mm | P mm | H mm | € |
|------|------|------|------|---|
| /2   | 350  | 520  | 705  |   |

#### MAXI-SIMBING DIMENSIONS

| Code | L mm | P mm | H mm | € |
|------|------|------|------|---|
| /10  | 350  | 520  | 1130 |   |



# 17.9

Softeners and column filters in pre-assembled kits



## 17.10 TECHNICAL TABLES

### TECHNICAL CHARACTERISTICS SOFTENERS

| Litres of resin | Maximum flow rate instantaneous m <sup>3</sup> /h | Exchange capacity of resin | Cycle capacity per °F | Salt consumption per regeneration @ 150 gr/l (kg) | Sample cycle con 35°F (m <sup>3</sup> ) |
|-----------------|---|----------------------------|-----------------------|---|---|
| 4               | 0.16  | 5,5                        | 22                    | 0.64  | 0.63                                    |
| 8               | 0.32  | 5,5                        | 44                    | 1.28  | 1.26                                    |
| 15              | 0,6   | 5,5                        | 82,5                  | 2,4   | 2.36                                    |
| 20              | 0.8   | 5,5                        | 11                    | 3,2   | 3,14                                    |
| 25              | 1   | 5,5                        | 137,5                 | 4   | 3,93                                    |
| 30              | 1.2   | 5,5                        | 165                   | 4,8   | 4,71                                    |
| 40              | 1.6   | 5,5                        | 220                   | 6,4   | 6.29                                    |
| 50              | 2   | 5,5                        | 275                   | 8   | 6                                       |
| 75              | 3   | 5,5                        | 412,5                 | 12  | 11,79                                   |
| 100             | 4   | 5,5                        | 55                    | 16  | 15,71                                   |
| 125             | 5   | 5,5                        | 6                     | 20  | 6                                       |
| 150             | 6   | 5,5                        | 825                   | 24  | 23,57                                   |
| 200             | 8   | 5,5                        | 1100                  | 32  | 31,43                                   |
| 300             | 12  | 5,5                        | 1650                  | 48  | 47,14                                   |
| 450             | 18  | 5,5                        | 2475                  | 72  | 70,71                                   |

### DIMENSIONS SINGLE DOUBLE-BODY SOFTENERS

|       |  |
|-------|--|
| 8 l   | Softener Ø 20 cm, total height 65 cm   |
|       | Salt vat Ø 34 cm, height 45 cm, 40 l   |
| 15 l  | Softener Ø 20 cm, total height 110 cm  |
|       | Salt vat Ø 34 cm, height 89 cm, 75 l   |
| 20 l  | Softener Ø 20 cm, total height 110 cm  |
|       | Salt vat Ø 34 cm, height 89 cm, 75 l   |
| 25 l  | Softener Ø 25 cm, total height 110 cm  |
|       | Salt vat Ø 34 cm, height 89 cm, 75 l   |
| 40 l  | Softener Ø 25 cm, total height 140 cm  |
|       | Salt vat Ø 34 cm, height 89 cm, 75 l   |
| 50 l  | Softener Ø 25 cm, total height 160 cm  |
|       | Salt vat Ø 53 cm, height 75 cm, 150 l  |
| 75 l  | Softener Ø 35 cm, total height 160 cm  |
|       | Salt vat Ø 53 cm, height 75 cm, 150 l  |
| 100 l | Softener Ø 36 cm, total height 190 cm  |
|       | Salt vat Ø 53 cm, height 100 cm, 200 l |
| 125 l | Softener Ø 41 cm, total height 190 cm  |
|       | Salt vat Ø 53 cm, height 100 cm, 200 l |
| 150 l | Softener Ø 41 cm, total height 190 cm  |
|       | Salt vat Ø 62 cm, height 106 cm, 300 l |

|       |  |
|-------|--|
| 200 l | Softener Ø 54 cm, total height 180 cm    |
|       | Salt vat Ø 94 cm, height 97 cm, 500 l    |
| 300 l | Softener Ø 61 cm, total height 200 cm    |
|       | Salt vat Ø 110 cm, height 141 cm, 1000 l |
| 450 l | Softener Ø 77 cm, total height 210 cm    |
|       | Salt vat Ø 110 cm, height 141 cm, 1000 l |

## DIMENSIONS DUPLEX SOFTENERS

|       |   |
|-------|---|
| 25 l  | Softener Ø 25 cm, total height 110 cm X 2 |
|       | Salt vat Ø 34 cm, height 89 cm, 75 l      |
| 40 l  | Softener Ø 25 cm, total height 140 cm X 2 |
|       | Salt vat Ø 34 cm, height 89 cm, 75 l      |
| 50 l  | Softener Ø 25 cm, total height 160 cm X 2 |
|       | Salt vat Ø 53 cm, height 75 cm, 150 l     |
| 75 l  | Softener Ø 35 cm, total height 160 cm X 2 |
|       | Salt vat Ø 53 cm, height 100 cm, 200 l    |
| 100 l | Softener Ø 36 cm, total height 190 cm X 2 |
|       | Salt vat Ø 53 cm, height 100 cm, 200 l    |
| 125 l | Softener Ø 41 cm, total height 190 cm X 2 |
|       | Salt vat Ø 62 cm, height 106 cm, 300 l    |
| 150 l | Softener Ø 41 cm, total height 190 cm X 2 |
|       | Salt vat Ø 94 cm, height 97 cm, 500 l     |
| 200 l | Softener Ø 54 cm, total height 180 cm X 2 |
|       | Salt vat Ø 110 cm, height 141 cm, 1000 l  |
| 300 l | Softener Ø 61 cm, total height 200 cm X 2 |
|       | Salt vat Ø 110 cm, height 141 cm, 1000 l  |

## TECHNICAL CHARACTERISTICS FILTERS

### CARBON FILTER

| Code     | Description             | Ø mm | Height mm | Filter Media l | Max. flow rate m <sup>3</sup> /h | Counterflow m <sup>3</sup> /h |
|----------|-------------------------|------|-----------|----------------|----------------------------------|-------------------------------|
| FCM16000 | CRB 1" 20 T manual      | 260  | 940       | 25             | 0,75                             | 0,75                          |
| FCM16010 | CRB 1" 25 T manual      | 260  | 1430      | 40             | 1,20                             | 1,20                          |
| FCM16020 | CRB 1" 30 T manual      | 340  | 1430      | 54             | 1,60                             | 1,60                          |
| FCA17000 | CRB 1" 20 automatic     | 260  | 1320      | 25             | 0,75                             | 0,75                          |
| FCA17010 | CRB 1" 25 automatic     | 260  | 1580      | 40             | 1,20                             | 1,20                          |
| FCA17020 | CRB 1" 30 automatic     | 340  | 1580      | 54             | 1,60                             | 1,60                          |
| FCA17030 | CRB 1" 35 automatic     | 360  | 1860      | 80             | 2,40                             | 2,40                          |
| FCA17040 | CRB 1" 40 automatic     | 410  | 1860      | 100            | 3,00                             | 3,00                          |
| FCA17045 | CRB 1" 1/2 45 automatic | 510  | 1830      | 120            | 3,60                             | 3,60                          |
| FCA17050 | CRB 1" 1/2 50 automatic | 510  | 1830      | 160            | 4,80                             | 4,80                          |
| FCA17060 | CRB 1" 1/2 60 automatic | 610  | 2050      | 230            | 6,90                             | 6,90                          |
| FCA17070 | CRB 2" 80 automatic     | 770  | 2300      | 400            | 12,00                            | 12,00                         |

### SAND FILTER

| Code     | Description               | Ø mm | Height mm | Filter Media l | Max. flow rate m <sup>3</sup> /h | Counterflow m <sup>3</sup> /h |
|----------|---------------------------|------|-----------|----------------|----------------------------------|-------------------------------|
| FQ150200 | MST 1" 20 T manual        | 260  | 940       | 15             | 0,90                             | 0,75                          |
| FQ150210 | MST 1" 25 T manual        | 260  | 1430      | 25             | 1,11                             | 1,20                          |
| FQ150220 | MST 1" 30 T manual        | 340  | 1430      | 50             | 1,90                             | 1,60                          |
| FQA15000 | MST 1" - 20 automatic     | 260  | 1090      | 15             | 0,70                             | 1,20                          |
| FQA15010 | MST 1" - 25 automatic     | 260  | 1580      | 25             | 0,85                             | 1,50                          |
| FQA15020 | MST 1" - 30 automatic     | 340  | 1580      | 50             | 1,50                             | 2,60                          |
| FQA15030 | MST 1" - 35 automatic     | 360  | 1860      | 75             | 1,70                             | 2,90                          |
| FQA15040 | MST 1" - 40 automatic     | 410  | 1860      | 80             | 2,20                             | 3,90                          |
| FQA15045 | MST 1" 1/2 - 45 automatic | 460  | 1940      | 100            | 2,80                             | 4,90                          |
| FQA15050 | MST 1" 1/2 - 50 automatic | 510  | 1830      | 150            | 3,70                             | 6,70                          |
| FQA15060 | MST 1" 1/2 - 60 automatic | 610  | 2050      | 200            | 5,00                             | 8,70                          |
| FQA15070 | MST 2" - 80 automatic     | 770  | 2300      | 325            | 8,00                             | 13,70                         |

### BIRM IRON REMOVER

| Code     | Description             | Ø mm | Height mm | Filter Media l | Max. flow rate m <sup>3</sup> /h | Counterflow m <sup>3</sup> /h |
|----------|-------------------------|------|-----------|----------------|----------------------------------|-------------------------------|
| FBR19000 | FBR 1" 20 automatic     | 260  | 1320      | 20             | 0,50                             | 1,00                          |
| FBR19010 | FBR 1" 25 automatic     | 260  | 1580      | 40             | 0,60                             | 1,20                          |
| FBR19020 | FBR 1" 30 automatic     | 340  | 1580      | 70             | 1,00                             | 2,00                          |
| FBR19030 | FBR 1" 35 automatic     | 360  | 1860      | 80             | 1,20                             | 2,40                          |
| FBR19040 | FBR 1" 40 automatic     | 410  | 1860      | 100            | 1,60                             | 3,20                          |
| FBR19050 | FBR 1" 45 automatic     | 460  | 1950      | 130            | 2,00                             | 4,00                          |
| FBR19060 | FBR 1" 1/2 45 automatic | 460  | 2000      | 130            | 2,00                             | 4,00                          |

**ZEOLITE IRON REMOVER**

| <b>Code</b> | <b>Description</b>      | <b>Ø mm</b> | <b>Height mm</b> | <b>Filter Media l</b> | <b>Max. flow rate m<sup>3</sup>/h</b> | <b>Counterflow m<sup>3</sup>/h</b> |
|-------------|-------------------------|-------------|------------------|-----------------------|---------------------------------------|------------------------------------|
| FZA18000    | FZA 1" 20 automatic     | 260         | 1320             | 20                    | 0,50                                  | 1,00                               |
| FZA18010    | FZA 1" 25 automatic     | 260         | 1580             | 40                    | 0,60                                  | 1,20                               |
| FZA18020    | FZA 1" 30 automatic     | 340         | 1580             | 70                    | 1,00                                  | 2,00                               |
| FZA18030    | FZA 1" 35 automatic     | 360         | 1860             | 80                    | 1,20                                  | 2,40                               |
| FZA18040    | FZA 1" 40 automatic     | 410         | 1860             | 100                   | 1,60                                  | 3,20                               |
| FZA18045    | FZA 1" 45 automatic     | 460         | 1950             | 130                   | 2,00                                  | 4,00                               |
| FZA18050    | FZA 1" 1/2 50 automatic | 510         | 1830             | 180                   | 2,70                                  | 5,40                               |
| FZA18060    | FZA 1" 1/2 60 automatic | 610         | 2050             | 230                   | 3,60                                  | 7,20                               |
| FZA18080    | FZA 2" 80 automatic     | 770         | 2300             | 360                   | 5,60                                  | 11,00                              |