



Reverse Osmosis Components

Special cartridges

SOFTENER RESIN CARTRIDGE

RA

Features

Model	RA
Type	Softener resin
Height	9"3/4 - 20"
Internal diameter	26 mm
External diameter	73 mm
Micron	5
Efficiency	95%

Material

Filtration material	Softener resin Melt blown polypropylen pre-post filter
Internal Core	None
External Core	Polypropylene
End caps	Polypropylene



Pressure

Max working pressure	6 bar
Max. differential pressure suggested	2 bar

Temperature

Max working temperature	40°C
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Type end caps

DOE	
	
O-ring options	Code
PVC	-

Applications

Water treatment	Brackish water
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Code	Description	Height	Micron	Flow l/h ¹	Quantity BOX	Kg	€/each
RA0905	RA 09-05	9"3/4	5	120	15	11,32	€ 17,68
RA2005	RA 20-05	20"	5	240	15	25,00	€ 27,04



1 - Max water flow rate at 20°C and differential pressure 0,15 bar.

SOFTENER RESIN CARTRIDGE

RA B

Features

Model	RA B
Type	Softener resin
Height	9"3/4 - 20"
Internal diameter	26 mm
External diameter	118 mm
Micron	5
Efficiency	95%

Material

Filtration material	Softener resin Melt blown polypropylen pre-post filter
Internal Core	None
External Core	Polypropylene
End caps	Polypropylene


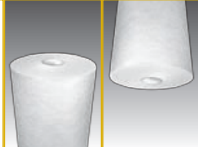
Pressure

Max working pressure	6 bar
Max. differential pressure suggested	2 bar

Temperature

Max working temperature	40°C
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Type end caps

DOE BIG	
	
O-ring options	Code
PVC	-

Applications

Water treatment	Brackish water
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Code	Description	Height	Micron	Flow l/h ¹	Quantity BOX	Kg	€/each
RAB0905	RA B 09-05	9"3/4	5	270	6	12,13	€ 33,28
RAB2005	RA B 20-05	20"	5	540	6	28,10	€ 71,76



1 - Max water flow rate at 20°C and differential pressure 0,15 bar.

DEMI RESIN CARTRIDGE

DEMI

Features

Model	DEMI
Type	Demi resin
Height	9"3/4 - 20"
Internal diameter	26 mm
External diameter	73 mm
Micron	5
Efficiency	95%

Material

Filtration material	Demi resin Melt blown polypropylen pre-post filter
Internal Core	None
External Core	Polypropylene
End caps	Polypropylene


Pressure

Max working pressure	6 bar
Max. differential pressure suggested	2 bar

Temperature

Max working temperature	40°C
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Type end caps

DOE	
	
O-ring options	Code
PVC	-

Applications

Water treatment	Brackish water
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Code	Description	Height	Micron	Flow l/h ¹	Quantity BOX	Kg	€/each
DEMI0905	DEMI 09-05	9"3/4	5	60	15	11,32	€ 24,44
DEMI2005	DEMI 20-05	20"	5	120	15	25,00	€ 40,56



1 - Max water flow rate at 20°C and differential pressure 0,15 bar.

DEMI RESIN CARTRIDGE

DEMI B

Features

Model	DEMI B
Type	Demi resin
Height	9"3/4 - 20"
Internal diameter	26 mm
External diameter	118 mm
Micron	5
Efficiency	95%

Material

Filtration material	Demi resin Melt blown polypropylen pre-post filter
Internal Core	None
External Core	Polypropylene
End caps	Polypropylene


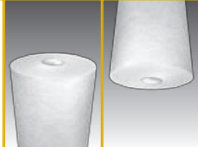
Pressure

Max working pressure	6 bar
Max. differential pressure suggested	2 bar

Temperature

Max working temperature	40°C
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Type end caps

DOE BIG	
	
O-ring options	Code
PVC	-

Applications

Water treatment	Brackish water
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Code	Description	Height	Micron	Flow l/h ¹	Quantity BOX	Kg	€/each
DEMIB0905	DEMI B 09-05	9"3/4	5	270	6	12,13	€ 57,89
DEMIB2005	DEMI B 20-05	20"	5	540	6	28,10	€ 119,60



1 - Max water flow rate at 20°C and differential pressure 0,15 bar.

OIL REMOVAL CARTRIDGE

COAL

Features

Model	COAL
Type	Oil removal
Height	9"3/4 - 20"
Internal diameter	25 mm
External diameter	70 mm

Material

Filtration material	Modifield cellulose
Internal Core	Polypropylene
External Core	Polypropylene net
End caps	Polypropylene



Pressure

Max working pressure	6 bar
Max. differential pressure suggested	2 bar

Temperature

Max working temperature	50°C
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Type end caps

DOE	
	
O-ring options	Code
PVC	-

Applications

Water treatment Brackish water

Other applications only after written approval of the manufacturer:

Bulk chemicals/Petrochemicals

Code	Description	Height	Oil removal (g)	Flow l/h ¹	Quantity BOX	Kg	€/each
COAL09	COAL 09	9"3/4	360	1200	6	3,50	€ 78,34



1 - Max water flow rate at 20°C and differential pressure 0,15 bar.

OIL REMOVAL CARTRIDGE

COAL B

Features

Model	COAL B
Type	Oil removal
Height	9"3/4
Internal diameter	28 mm
External diameter	117 mm

Material

Filtration material	Modifield cellulose
Internal Core	Polypropylene
External Core	Polypropylene net
End caps	Polypropylene


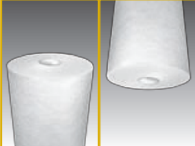
Pressure

Max working pressure	6 bar
Max. differential pressure suggested	2 bar

Temperature

Max working temperature	50°C
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Type end caps

DOE BIG	
	
O-ring options	Code
PVC	-

Applications

Water treatment Brackish water

Other applications only after written approval of the manufacturer:

Bulk chemicals/Petrochemicals

Code	Description	Height	Oil removal (g)	Flow l/h ¹	Quantity BOX	Kg	€/each
COALB09	COAL B 09	9"3/4	360	1800	1	1,20	€ 138,25
COALB20	COAL B 20	20"	720	3600	1	1,80	€ 221,20



1 - Max water flow rate at 20°C and differential pressure 0,15 bar.

IRON REMOVAL CARTRIDGE

FE B

Features

Model	FE B
Type	Iron removal
Height	20"
Internal diameter	26 mm
External diameter	118 mm
Micron	40
Efficiency	95%

Material

Filtration material	MAZ (Manganese Activated Zeolite) Melt blown polypropylen pre-post filter
Internal Core	None
External Core	Polypropylene
End caps	Polypropylene


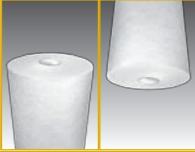
Pressure

Max working pressure	6 bar
Max. differential pressure suggested	2 bar

Temperature

Max working temperature	40°C
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Type end caps

DOE BIG	
	
O-ring options	Code
PVC	-

Applications

Water treatment	Brackish water
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Code	Description	Height	Micron	Flow l/h ¹	Quantity BOX	Kg	€/each
FEB2040	FE B 20-40	20"	40	1400	6	16,02	€ 143,52

Approximate life of a 20" cartridge²

Iron quantity	Total litres produced	4 people family (600 l/day)
0,5 mg/l	912.000	1520 days
1,0 mg/l	456.000	760 days
2,0 mg/l	228.000	380 days
3,0 mg/l	147.000	248 days

2 - Work conditions

pH	> 7
Silica	< 100 mg/l
Manganese	< 1 mg/l
Iron	< 3 mg/l
H ₂ S	absent
Max flow rate	1400 l/h
Max pressure	6,2 bar
Max temperature	40°C
Min temperature	2°C

1 - Max water flow rate at 20°C and differential pressure 0,15 bar.

NOTE: We suggest to install a depth filter type before the FE B cartridge



NOTE

