

WM-B-SERIES

WITHOUT ENERGY RECOVERY SYSTEM

MODEL

Nominal water production	l/day (gallon/day)
RO Membrane	nos x Dia x L inch
Membrane pressure control	
Feed water TDS range	mg/l
Product water TDS range	mg/l
Recommended system feed pressure	bar (psi)
Maximum operating temperature	degC
Specific pump energy	kWh/m ³ (kWh/1000gal)
Motor size @ 50 Hz / 60 Hz	kW
Motor voltage @ 50 Hz / 60 Hz	V
Dimension	LxWxH mm (inch)



WM4000B-321

4000 (1057)
3 x 3"x 21"
Manual
1500-45000
<550
3-5 (43-73)
0.5 - 45
10.8 / 12.6 (41) / (48)
1ph: 2.2 / n.a.
3ph: 2.2 / 2.6
1 ph : 230, 3 ph : 230/280-Δ or 400/480-Y
734x400x402 (29x16x16)



WM9000B-340

9000 (2378)
3 x 3" x 40"
Manual
1500-45000
<550
3-5 (43-73)
0.5 - 45
6.4 / 7.5 (24) / (28)
1ph: n.a.
3ph: 3.0 / 3.6
1ph: n.a.
3 ph : 230/280-Δ or 400/480-Y
1199x400x427 (47x16x17)



WM18700B-340

18700 (4940)
6 x 3" x 40"
Manual
1500-45000
<550
3-5 (43-73)
0.5 - 45
6.3 (24)
1ph: n.a.
3ph: 7.5 / 9.0
1ph: n.a.
3 ph : 400/480-Δ or 690 /830-Y
1192x462x750 (47x18x30)

*Optional:
Motor soft starter*

* Larger units are available upon request.
* Pretreatment are included in full package.

AQSEP



DarcARION Technologies (M) Sdn. Bhd.

Lot 14, Jalan 5, Seksyen 32,
40460 Shah Alam, Selangor.
Tel/WhatsApp : +6017-2289712
Email : sales@darcARION.com

WM-E-SERIES WITH ENERGY RECOVERY SYSTEM

MODEL

Nominal water production	l/day (gallon/day)
RO Membrane	nos x Dia x L inch
Membrane pressure control	
Feed water TDS range	mg/l
Product water TDS range	mg/l
Recommended system feed pressure	bar (psi)
Maximum operating temperature	degC
Specific pump energy	kWh/m ³ (kWh/1000gal)
Motor size @ 50 Hz / 60 Hz	kW
Motor voltage @ 50 Hz / 60 Hz	V
Dimension	LxWxH mm (inch)



WM4800E-321

4800 (1268)
3 x 3" x 21"
Auto
1500-45000
<550
3-5 (43-73)
0.5 - 45
3.5 (13)
1ph: 1.1 / 1.1
3ph: 1.1 / 1.3
1 ph : 230,
3 ph : 230/280-Δ or 400/480-Y
734x400x412 (29x16x16)



WM9000E-340

9000 (2378)
3 x 3" x 40"
Auto
1500-45000
<550
3-5 (43-73)
0.5 - 45
2.4 (9)
1ph: 1.5 / 1.5
3ph: 1.5 / 1.8
1 ph : 230,
3 ph : 230/280-Δ or 400/480-Y
1192x400x412 (47x16x16)



WM11000E-340

11000 (2906)
4 x 3" x 40"
Auto
1500-45000
<550
3-5 (43-73)
0.5 - 45
2.2 (8.3)
1ph: 1.5 / 1.5
3ph: 1.5 / 1.8
1 ph : 230,
3 ph : 230/280-Δ or 400/480-Y
1192x504x412 (47x20x16)



WM22000E-340

22000 (5812)
8 x 3" x 40"
Auto
1500-45000
<550
3-5 (43-73)
0.5 - 45
2.2 (8.3)
1ph: n.a.
3ph: 3 @ 50Hz
1ph: n.a.
3 ph : 400 / 208 & 480
1192x563x730 (47x22x29)

*Optional:
Variable speed drive
for 60 Hz operation*

* Larger units are available upon request.
* Pretreatment are included in full package.

AQSEP



DarcARION Technologies (M) Sdn. Bhd.

Lot 14, Jalan 5, Seksyen 32,
40460 Shah Alam, Selangor.
Tel/WhatsApp : +6017-2289712
Email : sales@darcARION.com

WM-B-SERIES
WITHOUT ENERGY
RECOVERY SYSTEM

WM-E-SERIES
WITH ENERGY
RECOVERY SYSTEM

AUTOMATED FEATURES

✓	User friendly interface with single button operation	✓
✓	Output for start stop of feed pump	✓
✓	Input for start stop on tank level switch	✓
✓	Automatic fresh water flush system (start/stop, 4 hours/24 hours)	✓
✓	Shut down at high/low membrane pressure, low/high feed water pressure, high product water flow, high salinity product water	✓
✓	Integrated timer for setting quiet intervals	✓
✗	Automatically adjusts to changes in feed water temp. and salinity	✓

METERS/MONITORS

✓	Product water TDS	✓
✓	Product water flow	✓
✓	Hour counter	✓
✓	Approx. cumulative production	✓
✓	Feed/flush water pressure	✓
✓	Membrane pressure	✓

Danfoss APP in duplex & super duplex steel

PARTS AND MATERIALS

Danfoss APPM2 with integrated energy recovery in duplex & super duplex steel

* Larger units are available upon request.
* Pretreatment are included in full package.

AQSEP



Darcation Technologies (M) Sdn. Bhd.
Lot 14, Jalan 5, Seksyen 32,
40460 Shah Alam, Selangor.
Tel/WhatsApp : +6017-2289712
Email : sales@darcation.com