



YOUR ULTIMATE WATER PURIFIER PROTECTOR

# Looking for best in class RO Membranes?

## FORCEMAN HAS THE ANSWER!

Forceman introduces a full line of high-quality household and Industrial Water filter to use in drinking and industrial water market.

Delivering consistent quality products and performance. When incorporating FORCEMAN RO Membrane into your point of system, we are sure you and your customers will receive the highest level of water purity and trouble free performance.

### Our Membrane Advantage :

- 100% INSPECTION before Delivery.
- Complete Production Line Inspection and Test.
- In-Factory Quality Control System.
- The Membrane is manufactured by Full Automatic Machine to keep quality assurance.
- Static Process Control System.
- The Membrane element is supplied in dry condition to have more shelf life.
- The thin film of membrane sheet was made by USA.
- The life of elements is much stable and longer.

### DOMESTIC SERIES MEMBRANES

| MODEL         | REJECTION % | GPD | WORKING PSI | WORKING PPM | RECOVERY | PACKING |
|---------------|-------------|-----|-------------|-------------|----------|---------|
| HR PLUS 80    | 98          | 80  | 60          | 4000        | 15%      | 50      |
| HR PLUS 100   | 98          | 100 | 60          | 4000        | 15%      | 50      |
| HR PLUS 110   | 98          | 110 | 60          | 4000        | 15%      | 50      |
| HR PLUS 300   | 98          | 300 | 100         | 3000        | 15%      | 25      |
| HR 80         | 97          | 80  | 60          | 3500        | 15%      | 50      |
| HR 100        | 97          | 100 | 60          | 3500        | 15%      | 50      |
| HR 110        | 97          | 110 | 60          | 3500        | 15%      | 50      |
| HR 80-SEALED  | 97          | 80  | 60          | 2500        | 15%      | 50      |
| HR 100-SEALED | 97          | 100 | 60          | 3000        | 15%      | 50      |
| PREMIUM 80    | 97          | 80  | 60          | 2500        | 15%      | 50      |
| PREMIUM 100   | 97          | 100 | 60          | 2500        | 15%      | 50      |
| PREMIUM 110   | 97          | 110 | 60          | 2500        | 15%      | 50      |
| PRIME 80      | 96          | 80  | 60          | 1500        | 15%      | 50      |
| PRIME 100     | 96          | 100 | 60          | 1500        | 15%      | 50      |
| PRIME 110     | 96          | 110 | 60          | 1500        | 15%      | 50      |



## INDUSTRIAL SERIES MEMBRANE

| MODEL       | ACTIVE MEMBRANE AREA |      | PERMEATE FLOW |      | REJECTION | WORKING PRESSURE |      | TEMP | MAXIMUM WORKING | RECOVERY |
|-------------|----------------------|------|---------------|------|-----------|------------------|------|------|-----------------|----------|
|             | FT2                  | M2   | GPD           | M3/D | %         | PSI              | MPa  | °C   | PPM             | %        |
| FM-ULP 8040 | 400                  | 37.2 | 11000         | 41.6 | 98        | 100              | 0.69 | 25   | 1500            | 15       |
| FM-ULP 4040 | 85                   | 7.9  | 2400          | 9.1  | 98        | 100              | 0.69 | 25   | 1500            | 15       |

| MODEL           | ACTIVE MEMBRANE AREA |      | PERMEATE FLOW |      | REJECTION | WORKING PRESSURE |      | TEMP | MAXIMUM WORKING | RECOVERY |
|-----------------|----------------------|------|---------------|------|-----------|------------------|------|------|-----------------|----------|
|                 | FT2                  | M2   | GPD           | M3/D | %         | PSI              | MPa  | °C   | PPM             | %        |
| FWT-BW-ULP 8040 | 400                  | 37.2 | 10000         | 37.8 | 98.50     | 150              | 1.03 | 25   | 3000            | 15       |
| FWT-ULP 4040    | 85                   | 7.9  | 2200          | 8.3  | 98.50     | 150              | 1.03 | 25   | 3000            | 15       |

| MODEL       | ACTIVE MEMBRANE AREA |      | PERMEATE FLOW |      | REJECTION | WORKING PRESSURE |      | TEMP | MAXIMUM WORKING | RECOVERY |
|-------------|----------------------|------|---------------|------|-----------|------------------|------|------|-----------------|----------|
|             | FT2                  | M2   | GPD           | M3/D | %         | PSI              | MPa  | °C   | PPM             | %        |
| FWT-BW 8040 | 400                  | 37.2 | 10500         | 39.7 | 99        | 225              | 1.55 | 25   | 5000            | 15       |
| FWT-BW 4040 | 85                   | 7.9  | 2000          | 7.6  | 99        | 225              | 1.55 | 25   | 5000            | 15       |

| MODEL       | ACTIVE MEMBRANE AREA |      | PERMEATE FLOW |      | REJECTION | WORKING PRESSURE |      | TEMP | MAXIMUM WORKING | RECOVERY |
|-------------|----------------------|------|---------------|------|-----------|------------------|------|------|-----------------|----------|
|             | FT2                  | M2   | GPD           | M3/D | %         | PSI              | MPa  | °C   | PPM             | %        |
| FWT-FR 8040 | 400                  | 37.2 | 9600          | 36.3 | 99.50     | 225              | 1.55 | 25   | 7000            | 15       |
| FWT-FR 4040 | 85                   | 7.9  | 2000          | 7.57 | 99.50     | 225              | 1.55 | 25   | 7000            | 15       |



## RO BOOSTER PUMPS

| BLUETEC-100GPD |              |
|----------------|--------------|
| VOLTAGE        | 24VDC        |
| RATED CURRENT  | <2.0A        |
| INLET PRESSURE | 30PSI        |
| FLOW @70PSI    | >0.1L/MIN    |
| CURRENT @70PSI | >1.5A        |
| MAX PRESSURE   | 140PSI       |
| FITTING TYPE   | PUSH & JECO  |
| WEIGHT         | 1.850KG      |
| MATERIAL BY    | TAIWAN/JAPAN |



| RIFA PUMPS 100-200-300GPD |              |              |              |
|---------------------------|--------------|--------------|--------------|
| SPECIFICATION             | 100G         | 200G         | 300G         |
| VOLTAGE                   | 24VDC        | 24VDC        | 24VDC        |
| WORKING CURRENT           | 1 AMP        | 1.1 AMP      | 2 AMP        |
| MAXIMUM CURRENT           | 1.2 AMP      | 1.8 AMP      | 2.8 AMP      |
| WORKING FLOW              | 1200ml/min.  | 1300ml/min.  | 2000ml/min.  |
| INLET PRESSURE            | 20 PSI       | 20 PSI       | 20 PSI       |
| BYPASS PRESSURE           | 145 PSI      | 150 PSI      | 150 PSI      |
| WORKING PRESSURE          | 100V ± 5 PSI | 90V ± 5 PSI  | 90V ± 5 PSI  |
| OPEN FLOW                 | 2000ml/min.  | 2000ml/min.  | 2800ml/min.  |
| FITTING TYPE              | JECO         | JECO         | JECO         |
| MATERIAL BY               | TAIWAN/JAPAN | TAIWAN/JAPAN | TAIWAN/JAPAN |



### OUR BRANDS



#### HEAD OFFICE

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