

174 CHAPTER 4

DATA SHEET #4-4

NAME OF SYSTEM:

Date of entry:

Manufacturer:

Date commissioned:

Number of trains:

Valve Design

- Multiport valves
- Valve nests

Unit Configuration

- Header
- Individual trains

AVERAGE WATER QUALITY (DESIGN BASIS)

| | | | | | |
|--------------------|--|--------------------------|-----------|--|------------------------|
| pH | | | Sulfate | | ppm as SO ₄ |
| Conductivity | | $\mu\text{S/cm}$ | Chloride | | ppm as Cl |
| Total hardness | | ppm as CaCO ₃ | Silica | | ppm as Si |
| Calcium hardness | | ppm as CaCO ₃ | Nitrates | | ppm as NO ₃ |
| Magnesium hardness | | ppm as CaCO ₃ | Barium | | ppm as Ba |
| Sodium | | ppm as Na | Turbidity | | NTU |
| Alkalinity | | ppm as CaCO ₃ | | | |

CHAPTER 4—OEM
SYSTEM SPECIFICATIONS

| <i>Service Cycle</i> | <i>Average</i> | <i>Minimum</i> | <i>Maximum</i> |
|------------------------------------|----------------|----------------|----------------|
| Service flowrate (gpm or l/min) | | | |
| Run length (hr) | | | |

REGENERATION CYCLE

| <i>SAC WAC (circle correct unit ID)</i> | <i>SBA WBA</i> | <i>Regenerant/ Concentration</i> | <i>Flowrate (gpm or l/min)</i> | <i>Length (hr)</i> |
|---|--------------------|--------------------------------------|------------------------------------|--------------------|
| Backwash | | | | |
| Brine introduction | | | | |
| Slow rinse | | | | |
| Fast rinse | | | | |

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