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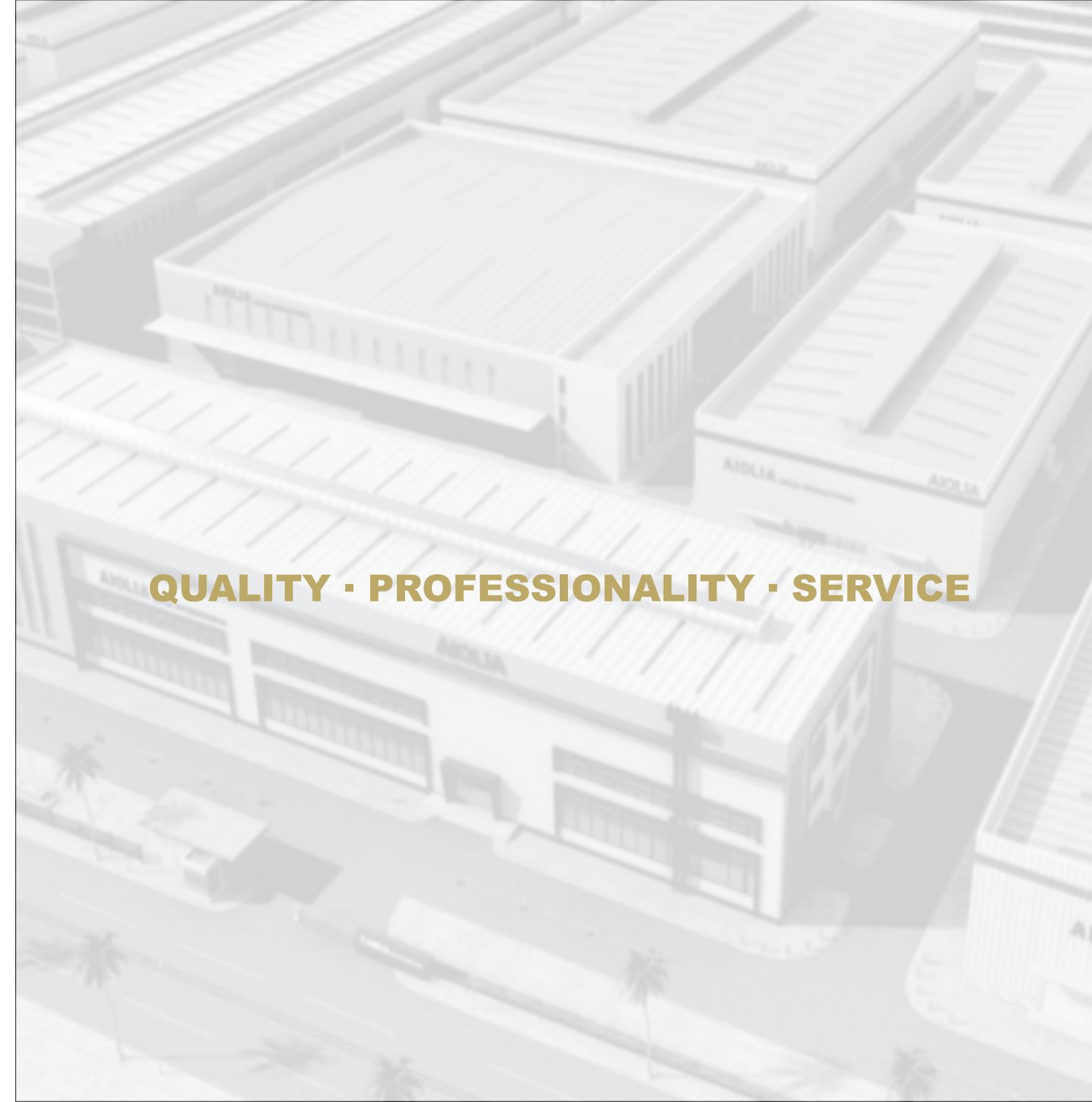
BOWNT CASE STUDY

World-leading Mechanical Filtration Solution Service Provider

Desalination | Membranes Protection | Cooling Tower Circulation | Irrigation

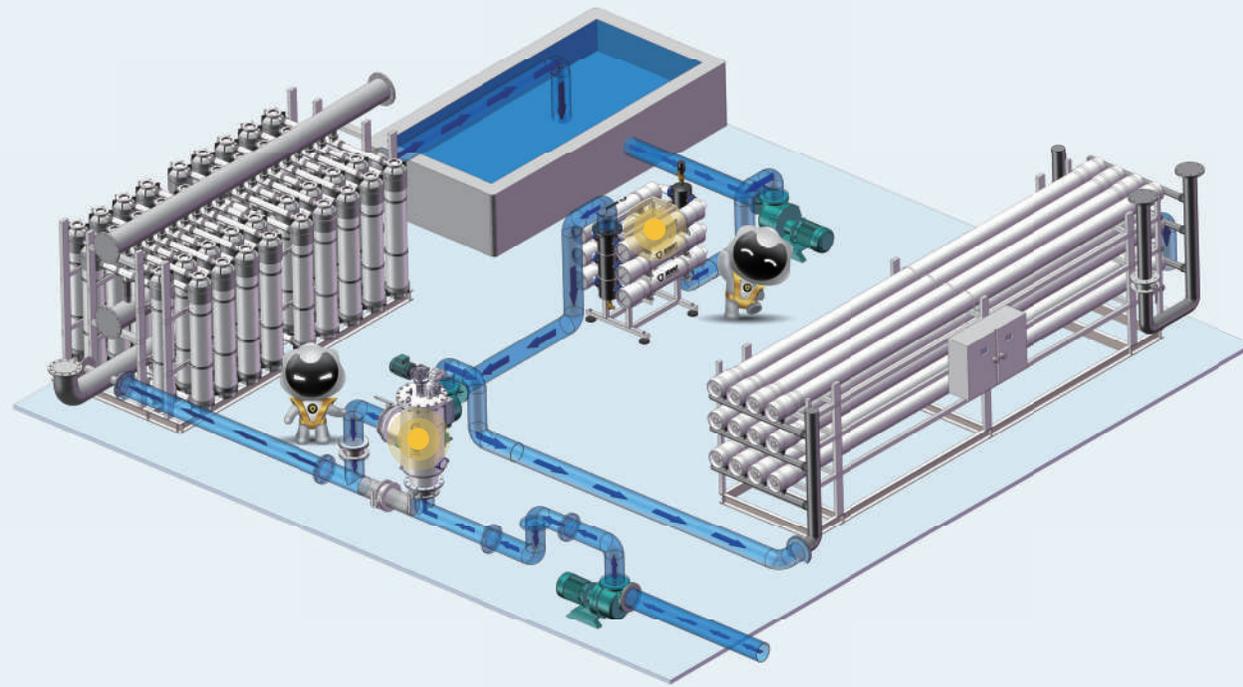


**World-leading Mechanical Filtration
Solution Service Provider**



QUALITY · PROFESSIONALITY · SERVICE

■	Desalination	04-63
■	Membrane Protection	64-75
■	Cooling Tower Circulation	76-83
■	Irrigation	84-91



Desalination

- Remove suspended particles to prevent damage of UF/MF membranes
- Free of secondary pollution, prevent RO and EDI membrane from being scratched
- Ensure the safe operation of UF and RO systems, to reduce routine maintenance



450 M³/H
Flowrate/unit

PAPER INDUSTRY

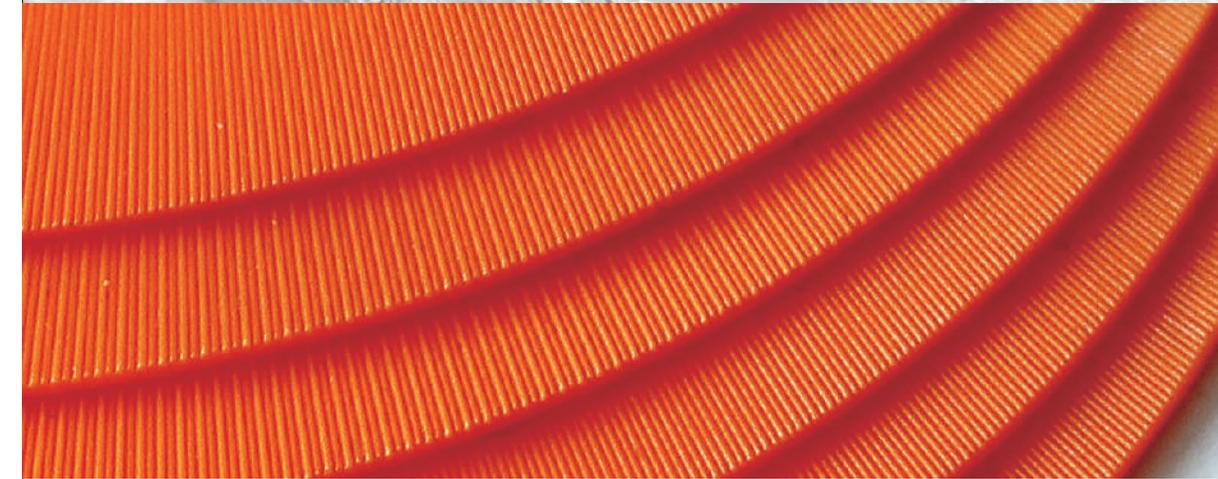
Model: BOWNT BOS EBV9600/10C
Filtration Degree: 100MICRON



250 M³/H
Flowrate/unit

STEEL INDUSTRY

Model: BOWNT BOD SH 405/8FC
Filtration Degree: 100MICRON



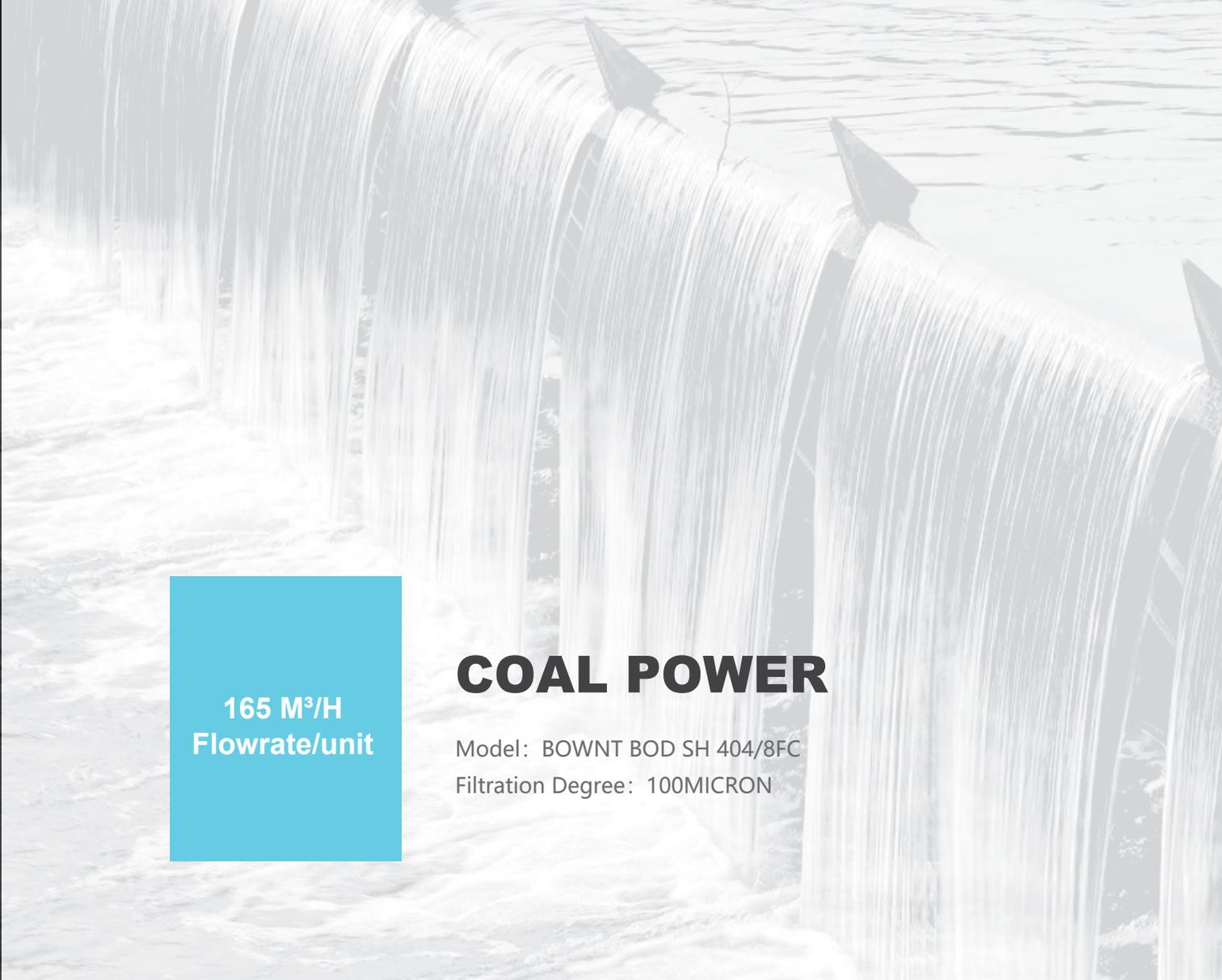


172 M³/H
Flowrate/unit

COAL POWER

Model: BOWNT BOD SH 404/8FC

Filtration Degree: 50MICRON



165 M³/H
Flowrate/unit

COAL POWER

Model: BOWNT BOD SH 404/8FC
Filtration Degree: 100MICRON





COAL POWER

Model: BOWNT BOD SH 404/8FC
Filtration Degree: 100MICRON

180 M³/H
Flowrate/unit



COAL POWER

Model: BOWNT BOD SH 406-1/8FC
Filtration Degree: 100MICRON

268 M³/H
Flowrate/unit



THERMAL POWER

Model: BOWNT BOD SH 305/6FS304
Filtration Degree: 100MICRON

130 M³/H
Flowrate/unit



550 M³/H
Flowrate/unit

PAPER INDUSTRY

Model: BOWNT BOS EBV9600/12C
Filtration Degree: 100MICRON

632 M³/H
Flowrate/unit

REFINING INDUSTRY

Model: BOWNT BOS EBV 9600/12S316L

Filtration Degree: 100MICRON





240 M³/H
Flowrate/unit

THERMAL POWER

Model: BOWNT BOD SH 405/8FC
Filtration Degree: 100MICRON



200 M³/H
Flowrate/unit

BEVERAGE INDUSTRY

Model: BOWNT BOD SH 203/4FS304
Filtration Degree: 100MICRON



135 M³/H
Flowrate/unit

RENEWABLE ENERGY

Model: BOWNT BOD SH 305/6FC
Filtration Degree: 100MICRON



50 M³/H
Flowrate/unit

STEEL INDUSTRY

Model: BOWNT BOS EBV 3000/4C
Filtration Degree: 100MICRON



500 M³/H
Flowrate/unit

BIOTECHNOLOGY INDUSTRY

Model: BOWNT BOS EBV 9600/12C
Filtration Degree: 80MICRON





160 M³/H
Flowrate/unit

THERMAL POWER

Model: BOWNT BOS ESV6000/8C
Filtration Degree: 100MICRON

210 M³/H 90
M³/H
Flowrate/unit

COAL POWER

Model: BONWT BOS EBV 6000/8C
BONWT BOS EBV 3000/5C
Filtration Degree: 100MICRON



CEMENT INDUSTRY

Model: BOWNT BOS EBV 6000/8C
Filtration Degree: 100MICRON

260 M³/H
Flowrate/unit



RENEWABLE ENERGY

Model: BOWNT BOD SH 203/4FC
Filtration Degree: 130MICRON

65 M³/H
Flowrate/unit





COAL POWER

Model: BOWNT BOS ESV 6000/6C
Filtration Degree: 100MICRON

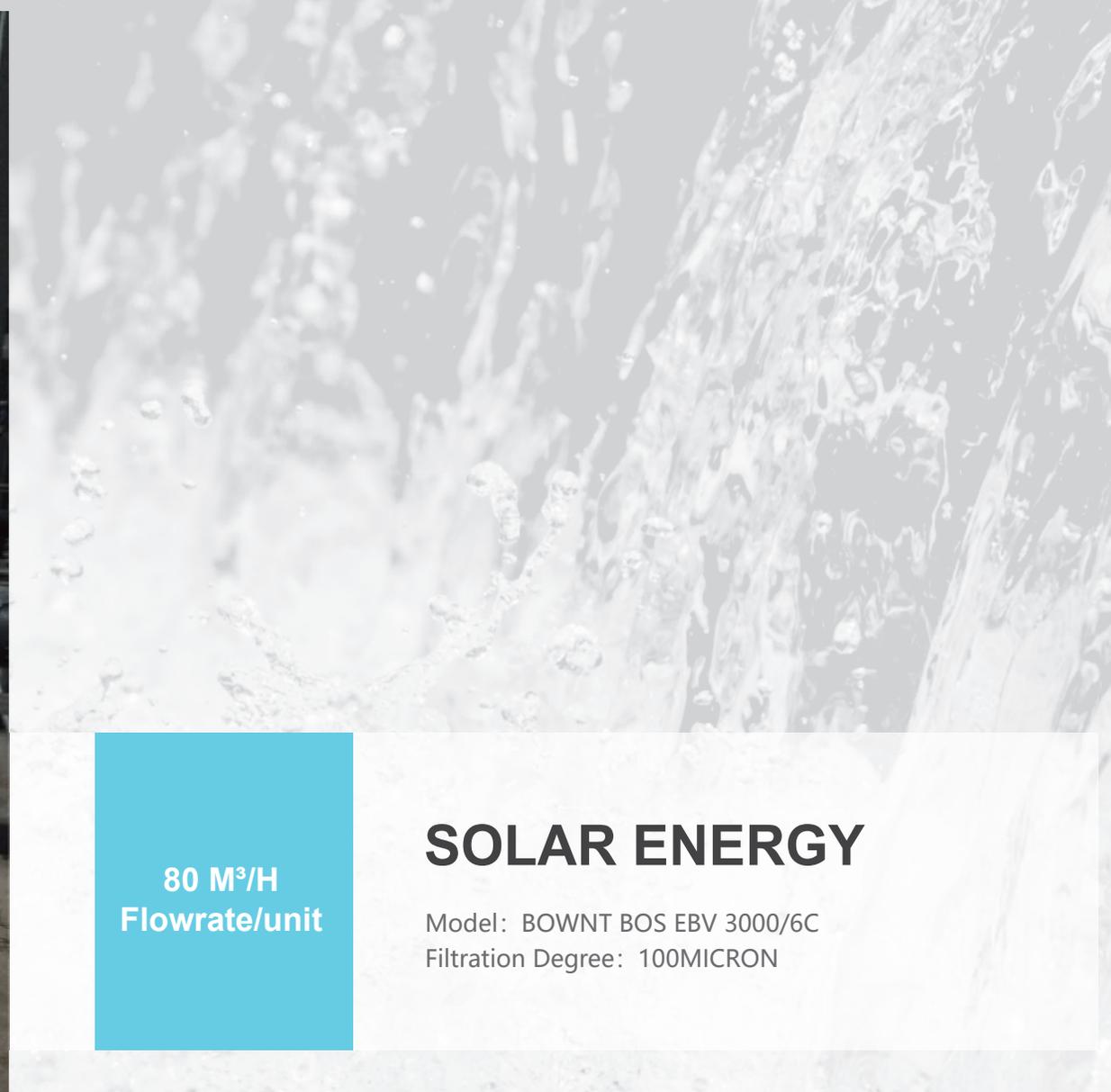
158 M³/H
Flowrate/unit



COAL POWER

Model: BOWNT BOS EBV 9600/10C
Filtration Degree: 100MICRON

240 M³/H
Flowrate/unit



80 M³/H
Flowrate/unit

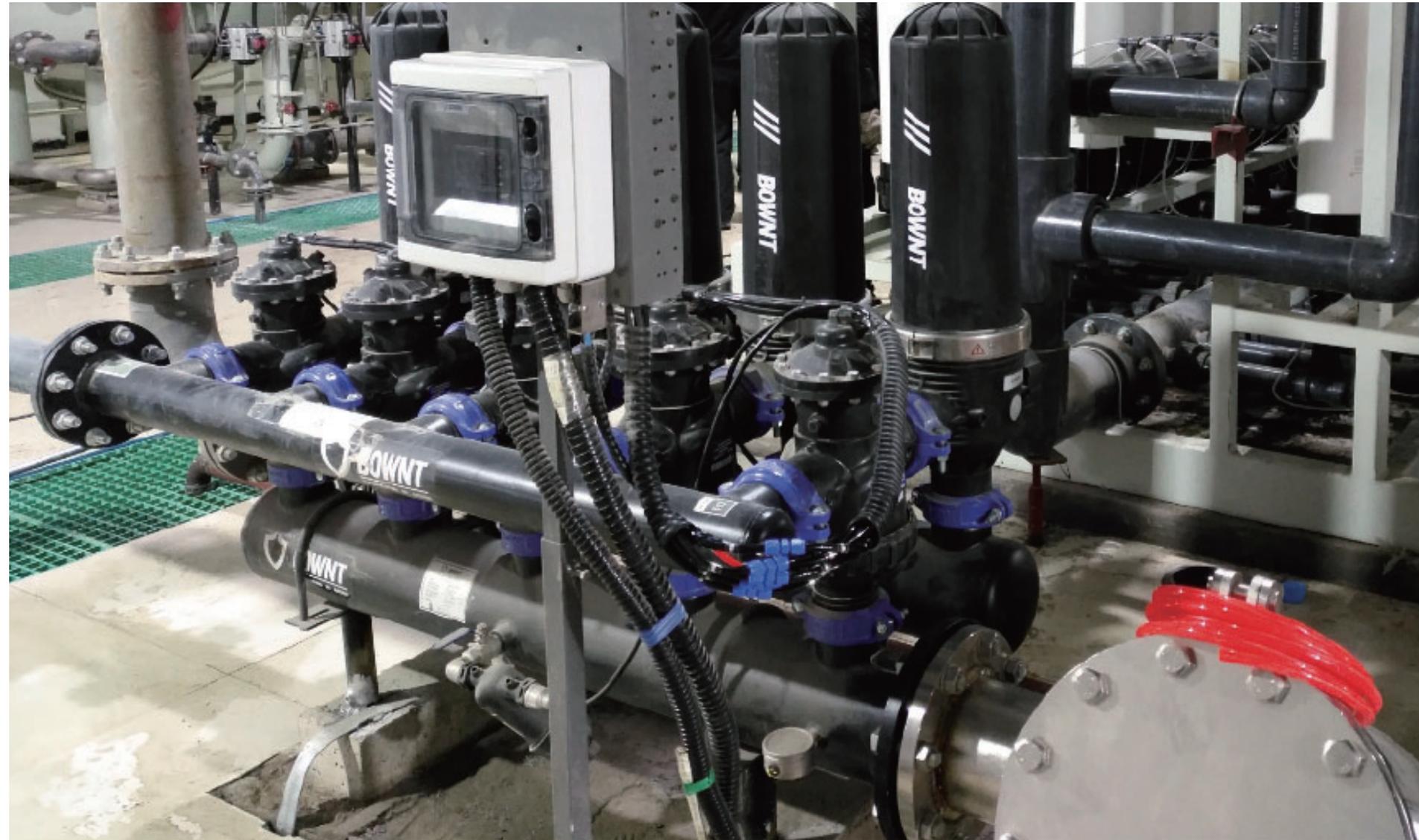
SOLAR ENERGY

Model: BOWNT BOS EBV 3000/6C
Filtration Degree: 100MICRON

COAL POWER

Model: BOWNT BOD SH 305/6FC
Filtration Degree: 100MICRON

140 M³/H
Flowrate/unit





260 M³/H
Flowrate/unit

CHEMICAL INDUSTRY

Model: BOWNT BOS EBV 6000/8C
Filtration Degree: 100MICRON

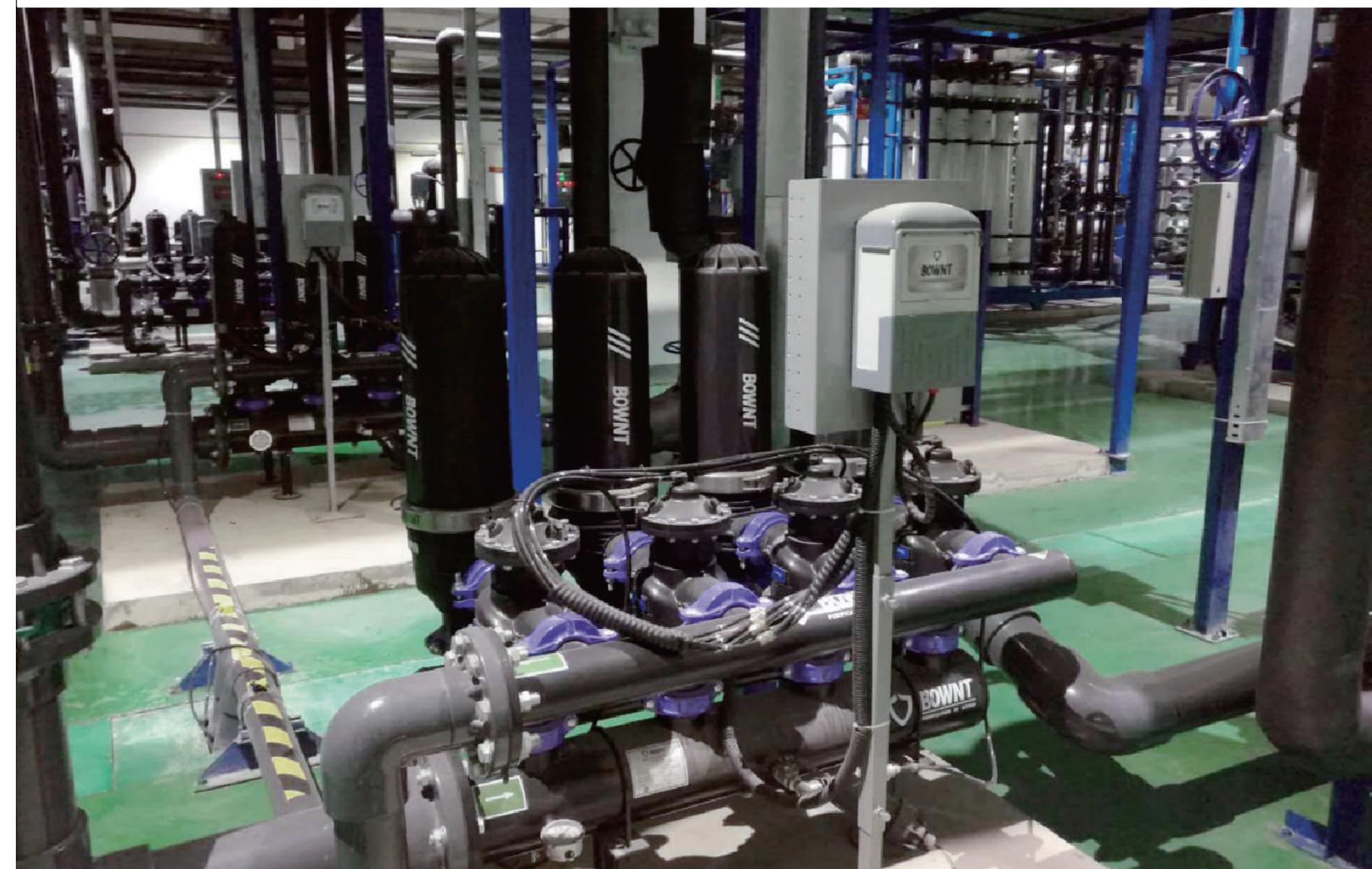


760 M³/H
Flowrate/unit

CHEMICAL INDUSTRY

Model: BOWNT BOS EBV 12000/16C
Filtration Degree: 100MICRON





77 M³/H
Flowrate/unit

ELECTRONICS INDUSTRY

Model: BOWNT BOD SH 303/6FC
Filtration Degree: 100MICRON



COAL POWER

Model: BOWNT BOS EBF 3000/6C
Filtration Degree: 100MICRON

150 M³/H
Flowrate/unit



THERMAL POWER

Model: BOWNT BOD X 202/2FC
Filtration Degree: 100MICRON

2 M³/H
Flowrate/unit



110 M³/H
220 M³/H
Flowrate/unit

RENEWABLE ENERGY

Model: BOWNT BOS EBV3000/6C
BOWNT BOS EBV 6000/8C
Filtration Degree: 100MICRON

CHEMICAL INDUSTRY

Model: BOWNT BOS EBV 6000/8C
BOWNT BOS EBV 3000/6C
Flowrate: 100MICRON/200MICRON

180 M³/H
Flowrate/unit





170 M³/H
Flowrate/unit

COAL POWER

Model: BOWNT BOS EBV 6000/8S316L
Filtration Degree: 100MICRON

STEEL INDUSTRY

Model: BOWNT BOS EBV SW 2507 12000/16CR
Filtration Degree: 100MICRON

1200 M³/H
Flowrate/unit



350 M³/H
Flowrate/unit

PETROCHEMICAL INDUSTRY

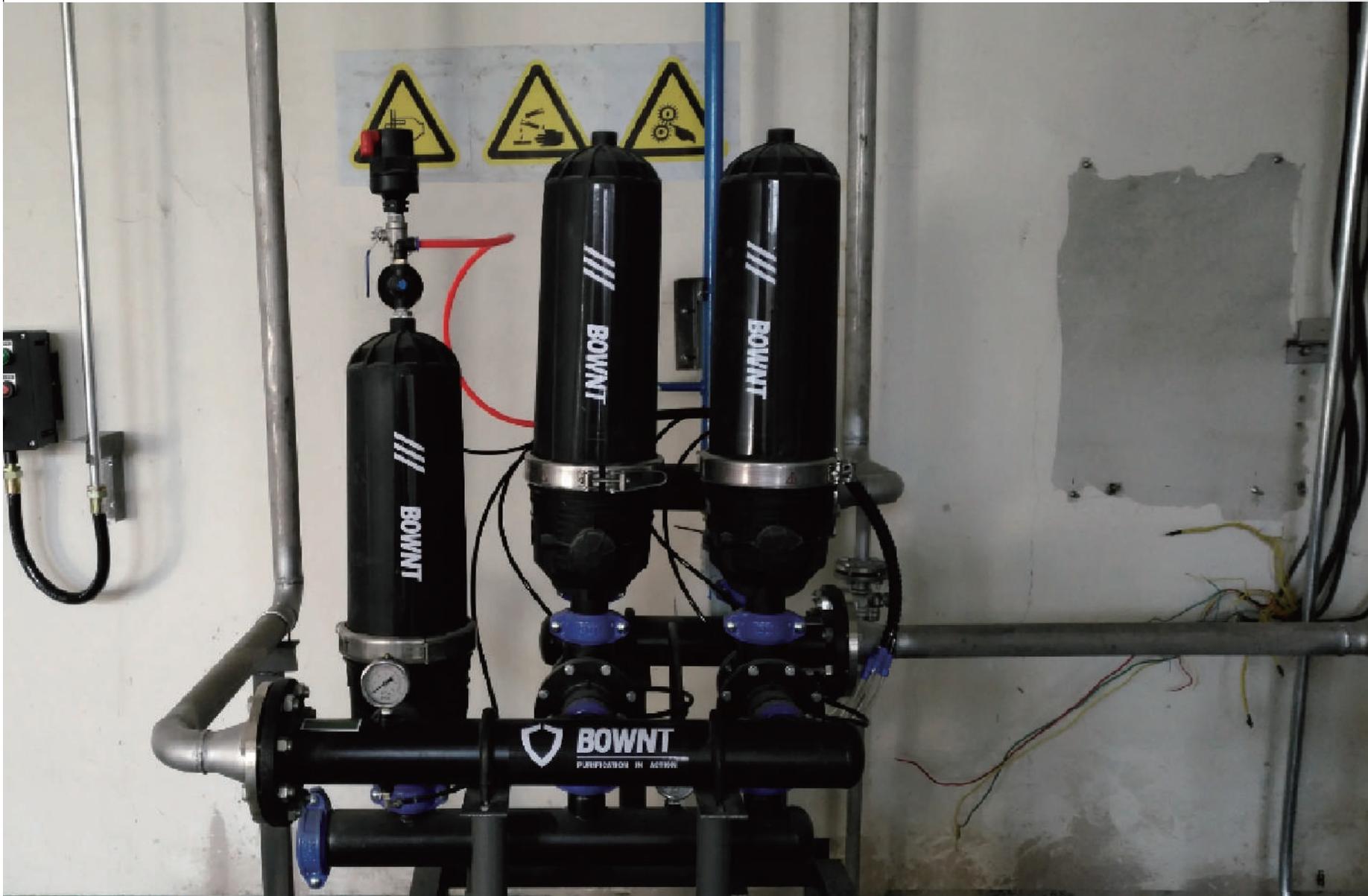
Model: BOS EBV 9600/12C
Filtration Degree: 50MICRON



320 M³/H
Flowrate/unit

COAL POWER

Model: BOWNT BOS HSM8000/10C Filtration Degree: 100MICRON



15 M³/H
Flowrate/unit

ZERO LIQUID DISCHARGE

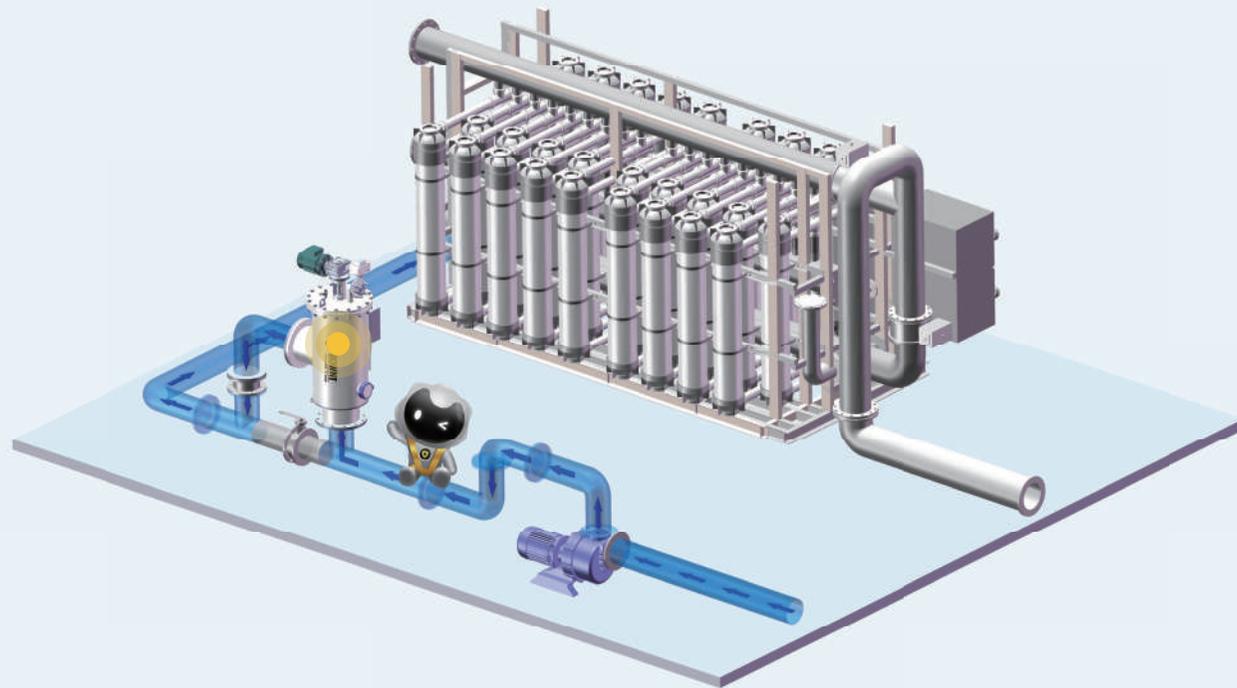
Model: BOWNT BOD X202/3FC
Filtration Degree: 130MICRON



140 M³/H
Flowrate/unit

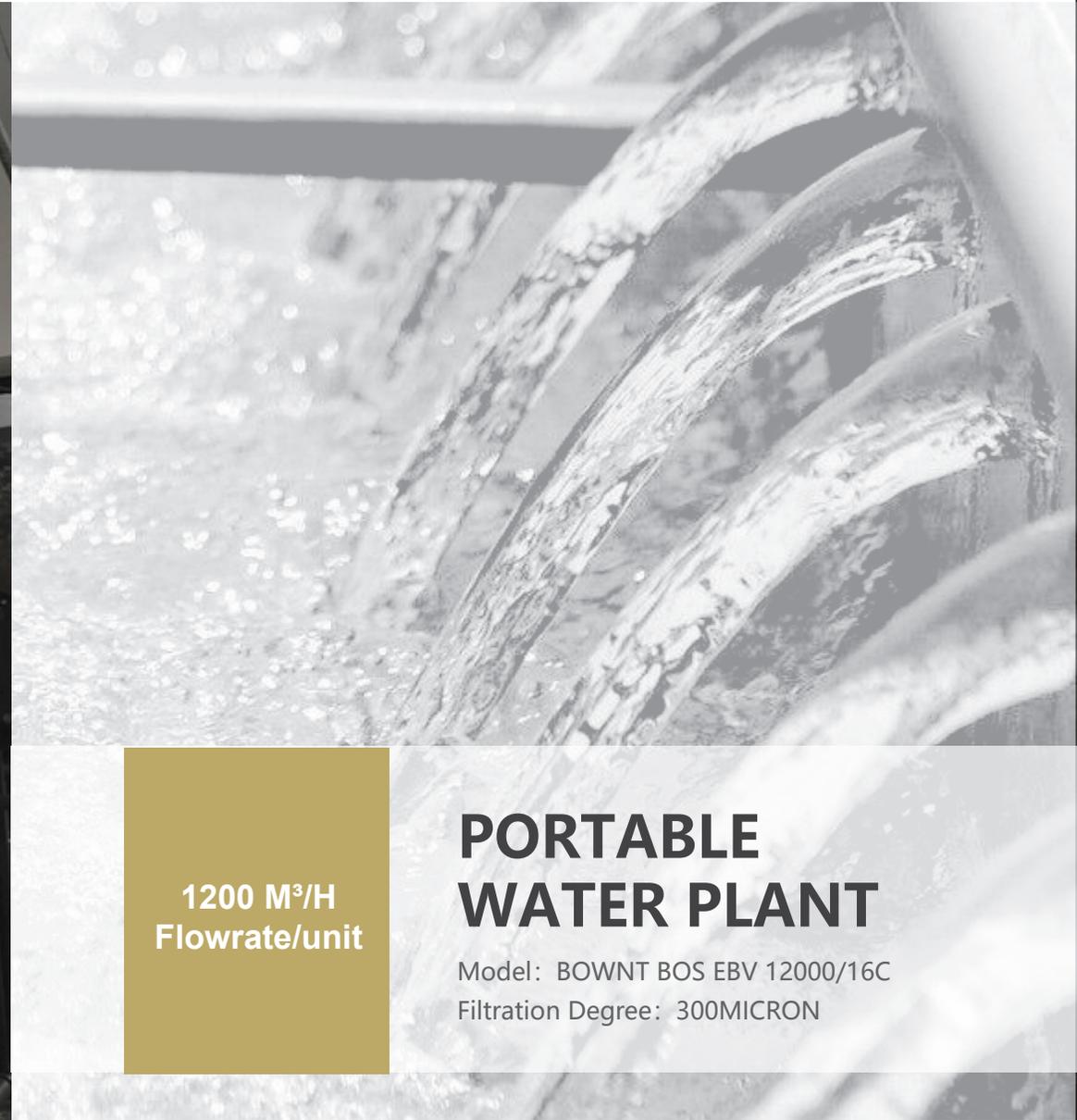
COAL CHEMICAL INDUSTRY

Model: BOWNT BOD SH 305/6FC
Filtration Degree: 100MICRON



Membrane Protection

- Effectively removal of sediment, weeds, flocculated colloid and other large size impurities
- Reduce of membrane cleaning frequency, water saving by 5%-10%
- Ensure the continuous and stable operation of membrane



**1200 M³/H
Flowrate/unit**

PORTABLE WATER PLANT

Model: BOWNT BOS EBV 12000/16C
Filtration Degree: 300MICRON



900 M³/H
Flowrate/unit

PORTABLE WATER PLANT

Model: BOWNT BOS ESV 12000/14C
Filtration Degree: 200MICRON





**1000 M³/H
Flowrate/unit**

GROUND WATER TREATMENT

Model: BOWNT BOS EBV 15000/16C
Filtration Degree: 200MICRON

166 M³/H
Flowrate/unit

MUNICIPAL WATER SUPPLY

Model: BOWNT BOS EBV 6000/8C
Filtration Degree: 100MICRON

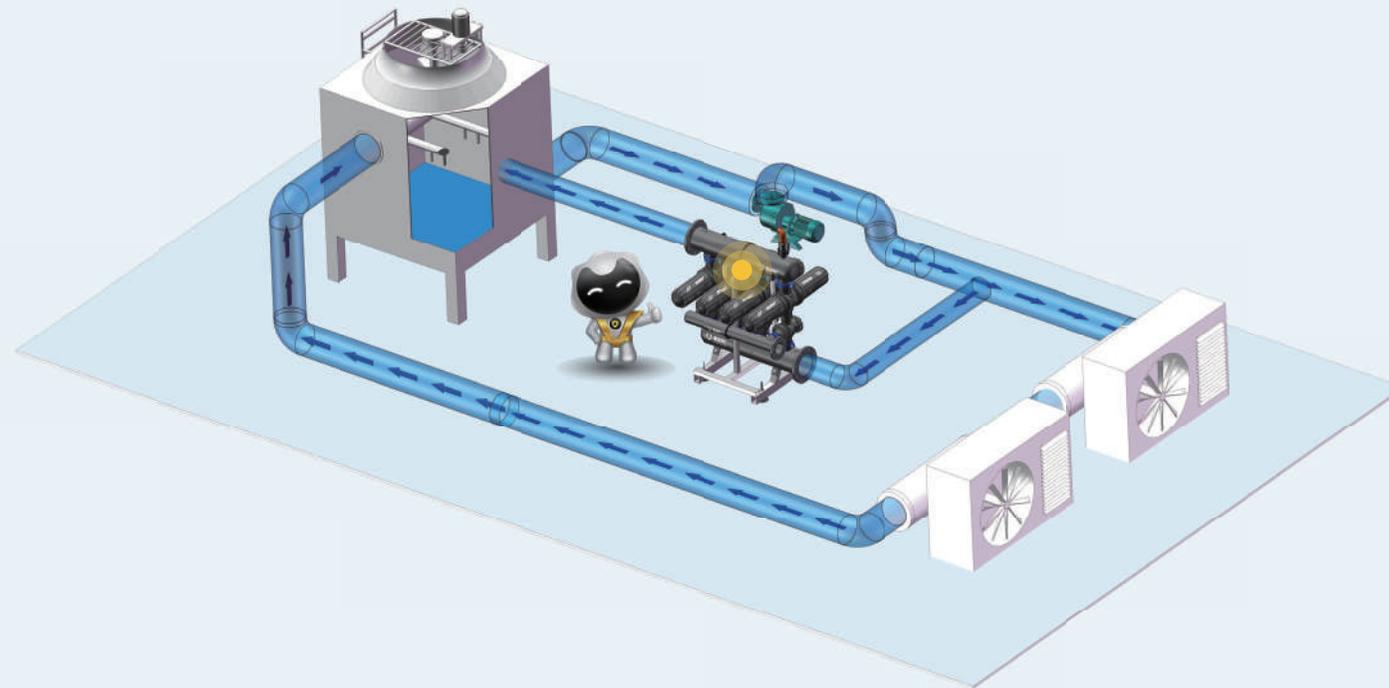




920 M³/H
Flowrate/unit

PORTABLE WATER PLANT

Model: BOS EBV12000/16S316L
Filtration Degree: 200MICRON



Cooling Tower Circulation

- Prevent sludge clogging in the pipe, impurities can be effectively removed combined with chemicals' application
- Reduce microorganisms and sediments, to achieve chemicals saving and prevent biological pollution
- Improve recovery rate, reduce circulating water discharge, to achieve energy saving
- Improvement of equipment performance and service life

PETROCHEMICAL INDUSTRY

Model: BOWNT BOD QH 405/8FC
Filtration Degree: 100MICRON

500 M³/H
Flowrate/unit





**100 M³/H
Flowrate/unit**

CEMENT INDUSTRY

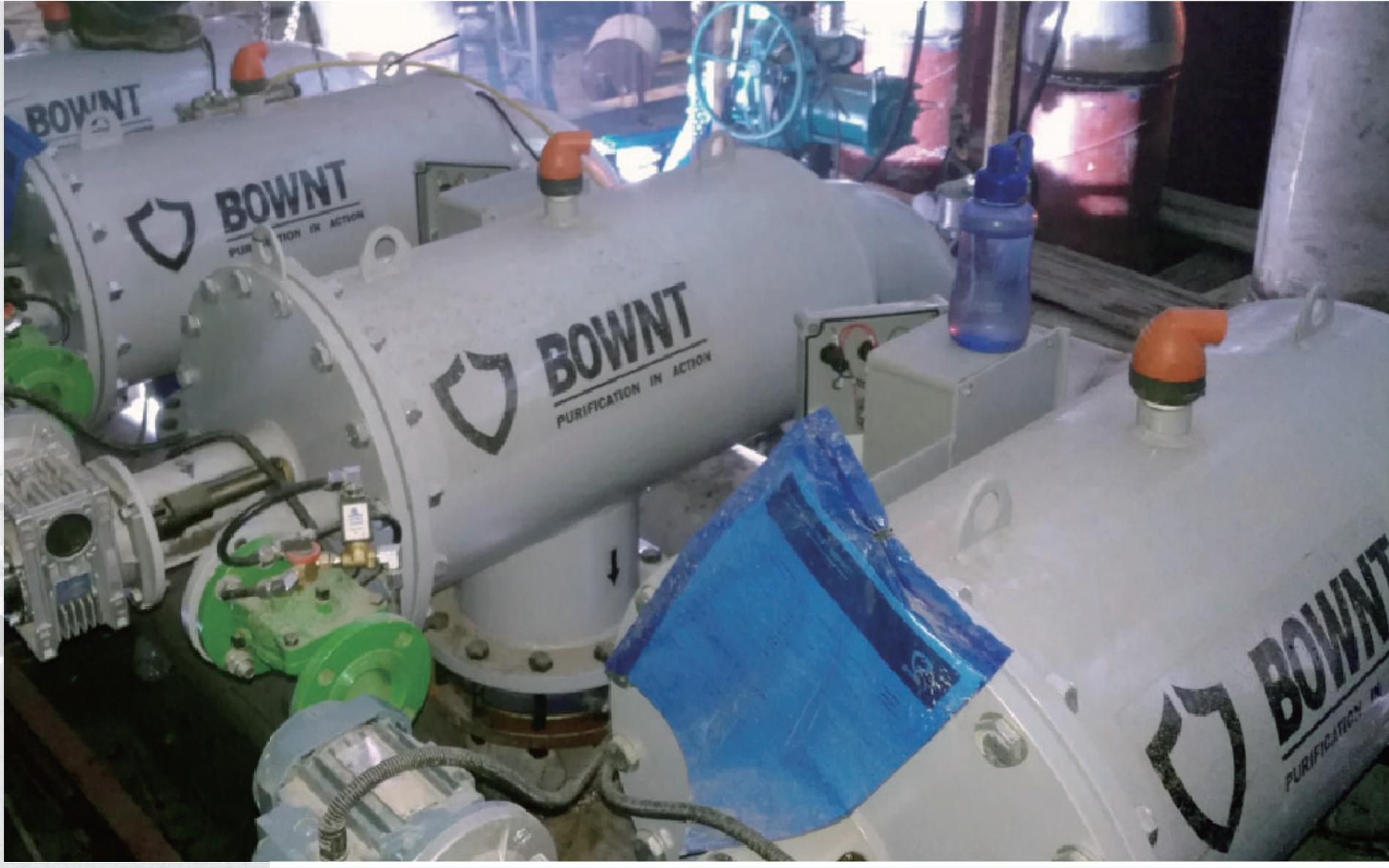
Model: BOWNT BOD 304/6FC
Filtration Degree: 130MICRON

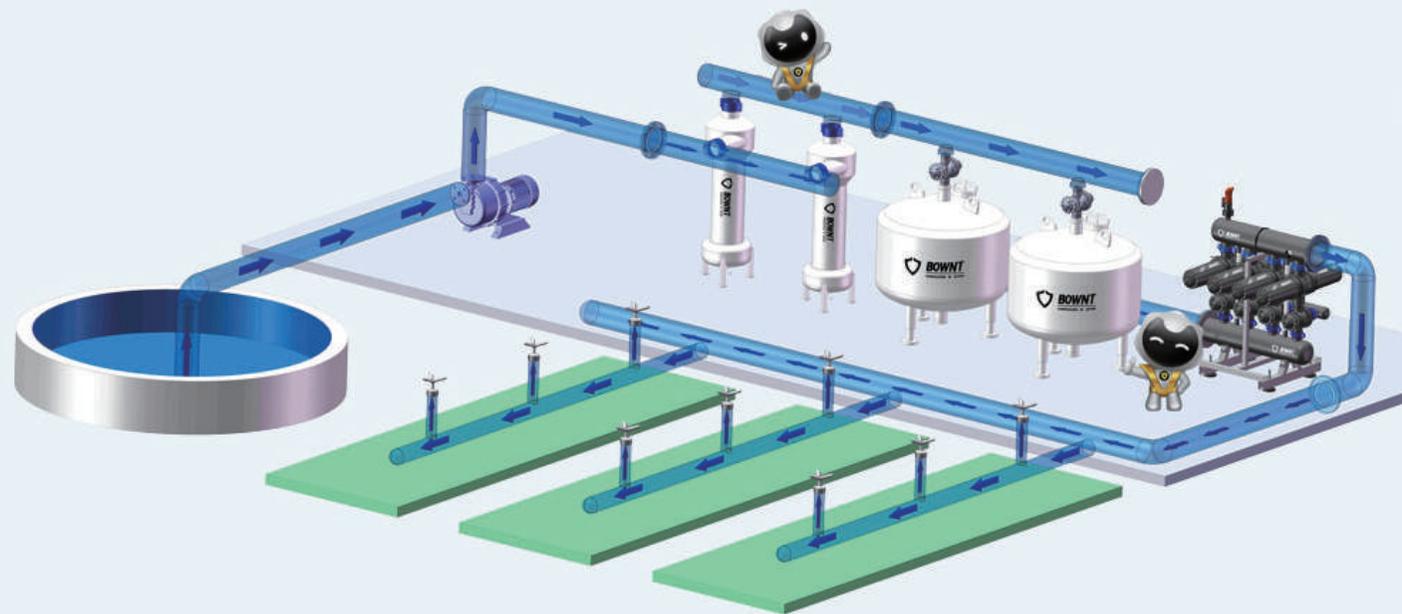


**372 M³/H
Flowrate/unit**

STEEL INDUSTRY

Model: BOWNT BOS EBF 7800/10C
Filtration Degree: 200MICRON





Irrigation

- Intercept particles 5 ~ 10 times smaller than that of nozzle' s diameter, to avoid blocking risk
- Stable operation with constant water injection
- Remove suspended particles, reduce routinary inspection and maintenance to guarantee the equipment' s continuous operation



**300 M³/H
Flowrate/unit**

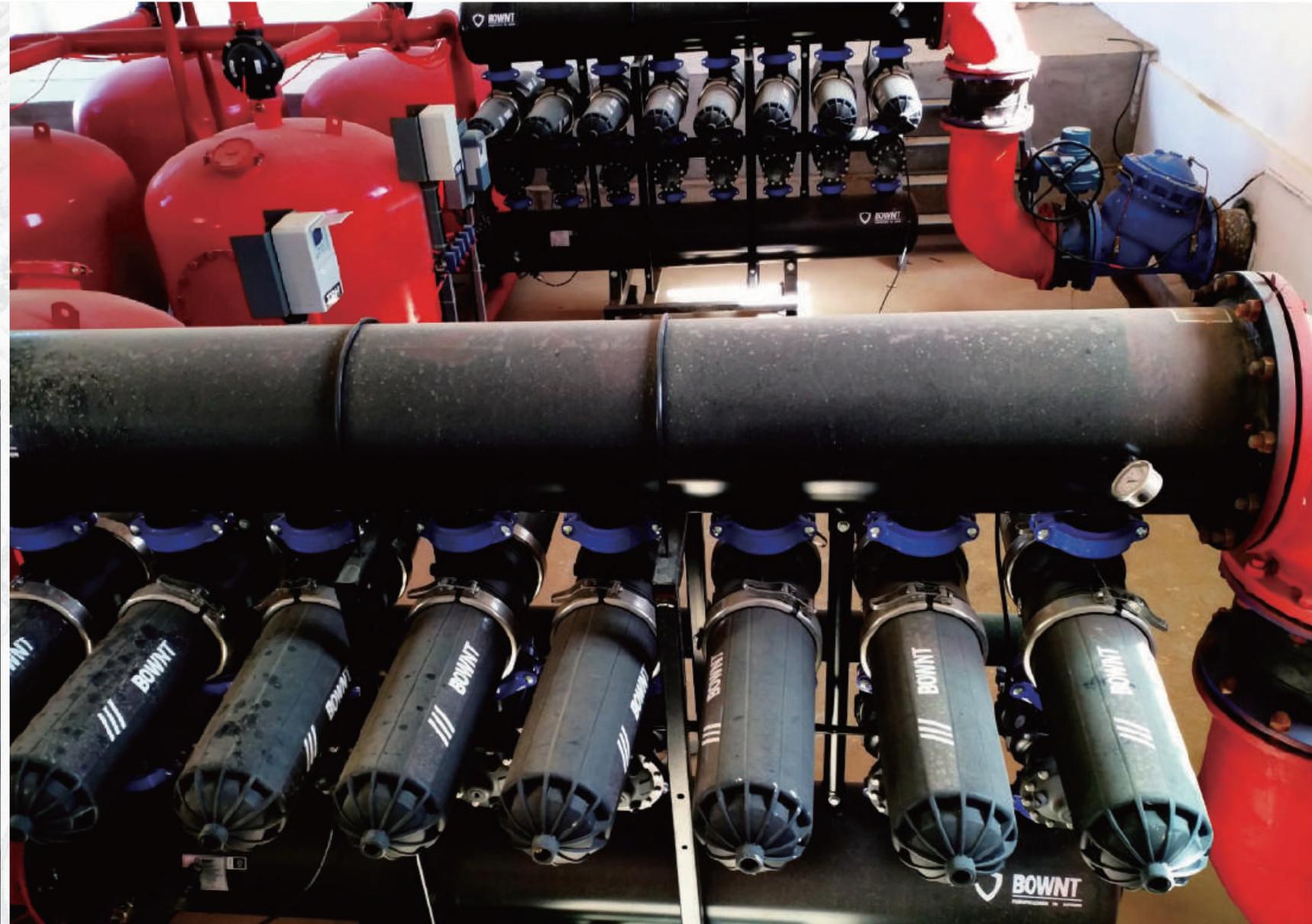
IRRIGATION

Model: BOWNT BOD 406/10FC
Filtration Degree: 130MICRON

400 M³/H
Flowrate/unit

IRRIGATION

Model: BOWNT BOD 408/12FC
Filtration Degree: 130MICRON





IRRIGATION

Model: BOWNT BOD 406/10FC
Filtration Degree: 130MICRON

300 M³/H
Flowrate/unit





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