

—Classic



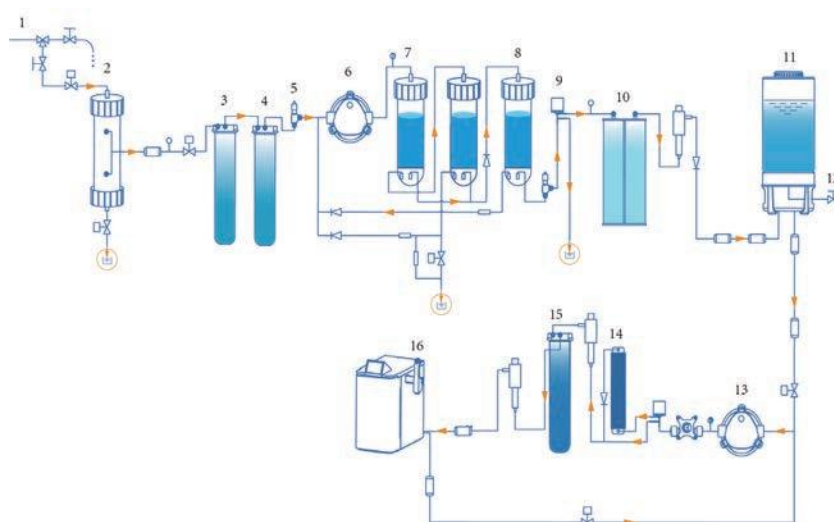
Classic DU15 / Classic DU20 / Classic DU25

Unique features

All-in-one system

- ASTM Type I & Type II water/Clinical laboratory reagent water (CLSI)
- On line real time TOC monitoring
- Dual wavelength UV-lamp 254nm & 185nm
- U-cloud platform for remote monitoring (Wifi module)
- DI resin module
- USB access port for data logging

Water Flow Chart



- | | | |
|-------------------------------|--------------------------|---------------------------------|
| 1 Pre-treatment module | 2 Solenoid valve | 3 Pre-guard cartridge A |
| 4 Pre-guard cartridge B | 5 Conductivity electrode | 6 Booster pump |
| 7 One-stage RO membrane | 8 Two-stage RO membrane | 9 TEE Solenoid valve |
| 10 DI resin module | 11 Water tank | 12 Type II water outlet |
| 13 Circulating pump | 14 185 & 254 nm UV lamp | 15 Ultra purification cartridge |
| 16 Type I water dispenser arm | | |



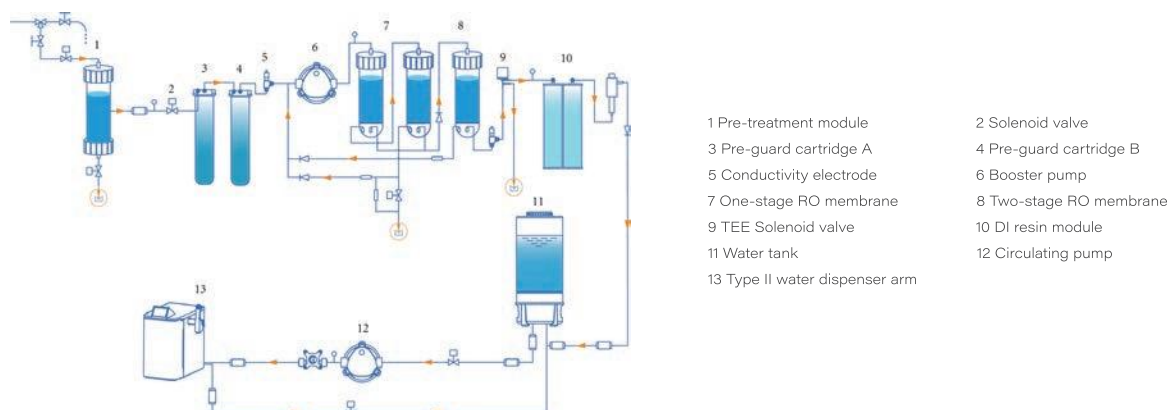
Classic D15 / Classic D20 / Classic D25

Unique features

- Integrated water dispenser arm
- U-cloud platform for remote monitoring (Wifi module)
- DI resin module
- USB access port for data logging

ASTM Type II high purified water system
Clinical laboratory reagent water (CLSI)

Water Flow Chart



Main configurations	All-in-one system			Type II water		
	DU15	DU20	DU25	D15	D20	D25
Pre-treatment module		YES			YES	
Main host		YES			YES	
Pre-guard cartridge A		YES			YES	
Pre-guard cartridge B		YES			YES	
Two-stage Reverse Osmosis		YES			YES	
DI resin		YES			YES	
60L water tank; stepless water level sensor		YES			YES	
254nm UV light of water tank		YES			YES	
Inlet air filter of water tank		YES			YES	
Water leakage protection sensor		YES			YES	
TOC monitoring		YES			NO	
Dual wavelength (254nm & 185nm)UV-lamp		YES			NO	
Ultra purification cartridge A		YES			NO	
One integrated water dispenser arm		YES			YES	

*Optional ultra purification cartridge B special for semiconductor industry that has higher deionization requirements

Model	All-in-one system			Type II water		
	DU15	DU20	DU25	D15	D20	D25
Feed water requirement						
Source	Potable tap water					
Conductivity	< 2000μS/cm					
TOC	< 1ppm					
Hardness*	< 450ppm as CaCO ₃					
Pressure	0.1~0.4Mpa (7-72psi)					
Temperature	5~45 °C					
PH	4-10					
Type II high purified water						
Resistivity at 25 °C **	> 8MΩ.cm; typically 10-15MΩ.cm					
Conductivity at 25 °C **	Typically 0.1μS/cm					
TOC	<30ppb(μg/L)					
Particulates with size > 0.22μm***	<1pc/μL					
Endotoxin (Pyrogens)***	<0.001EU/mL					
Bacteria***	<0.01cfu/mL(<10cfu/L)					
Rnase***	<1pg/mL					
Dnase***	<5pg/mL					
Proteases***	<0.15μg/mL					
RO rejection	≥99%					
DI ion rejection	≥99%					
Production flow rate	15L/H	20L/H	25L/H	15L/H	20L/H	25L/H
Manual control water flow rate	Maximum 2L/min, stepless control of flow rate					
Quantitative water dispense range	0.01L ~ 60L					
Type I ultra purified water						
Resistivity at 25 °C	18.2MΩ.cm			N/A		
Conductivity at 25 °C	0.055μS/cm					
TOC	≤2ppb(μg/L)					
Particulates with size > 0.22μm	No particles					
Endotoxin (Pyrogens)	<0.001EU/mL					
Bacteria	<0.01cfu/mL (<10cfu/L)					
Rnase/Dnase	Free					
Proteases	<0.15μg/mL					
Manual control water flow rate	Maximum 2L/min, stepless control of flow rate					
Quantitative water dispense range	0.01L ~ 60L					
Electrical requirement						
Electrical voltage	110V/220V ±10%					
Electrical frequency	50Hz/60Hz					
Power	135W					
Size information						
Net Weight						
Pre-treatment module	8.5kg					
Main host with dispenser arm	28.4kg	29.1kg	29.6kg	26.5kg	27.2kg	27.7kg
30L Water tank	9kg					
60L Water tank	10.66kg					
100L Water tank	12.2kg					
External Dimension (WxDxH)						
Pre-treatment module	270x280x566 (mm)					
Main host	328x540x600 (mm)					
Integrated dispenser arm	42x85.5x231.5 (mm)					
30L Water tank	390x390x690 (mm)					
60L Water tank	390x390x930 (mm)					
100L Water tank	390x390x1235 (mm)					
Packing information						
Gross Weight						
Pre-treatment module	9.8kg					
Main host with dispenser arm	39.2kg	39.9kg	40.4kg	38.5kg	39.2kg	39.7kg
30L Water tank	12.4kg					
60L Water tank	14kg					
100L Water tank	15.6kg					
Packing Dimension (WxDxH)						
Pre-treatment module	350x360x670 (mm)					
Main host with dispenser arm	510x670x800 (mm)					
30L Water tank	520x520x780 (mm)					
60L Water tank	520x520x1020 (mm)					
100L Water tank	520x520x1325 (mm)					

* If the tap water contains a high rate of calcium ions and magnesium ion which do not meet the requirement, please use salty box to remove part of calcium ions and magnesium ion in advance

** Resistivity typically 10-15M Ω .cm at 25 C, Conductivity typically 0.1 μ S/cm, at 25 C

*** Feed water quality should meet above requirements and purified water through the remote water dispenser with end 0.22 μ m filter