

# E-LWPS

ELECTRIC LIGHTWEIGHT WATER PURIFICATION SYSTEM

SCALABLE, MODULAR DESIGN  
WITH POWER SOURCE VERSATILITY

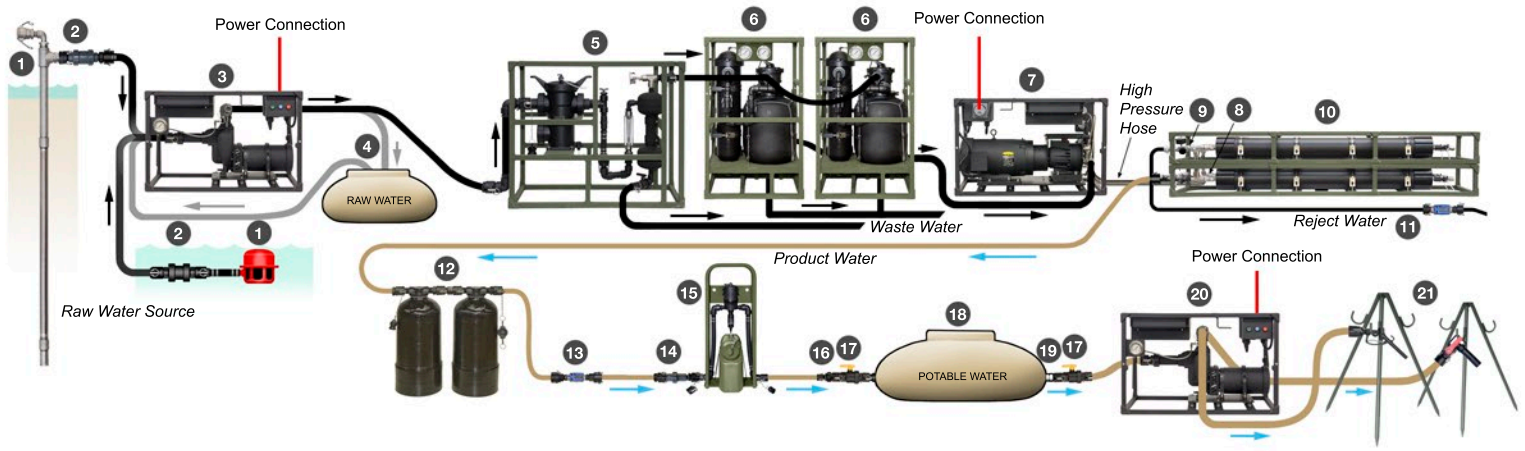


*TACTICAL AND FIRST RESPONSE WATER PURIFICATION SYSTEMS*

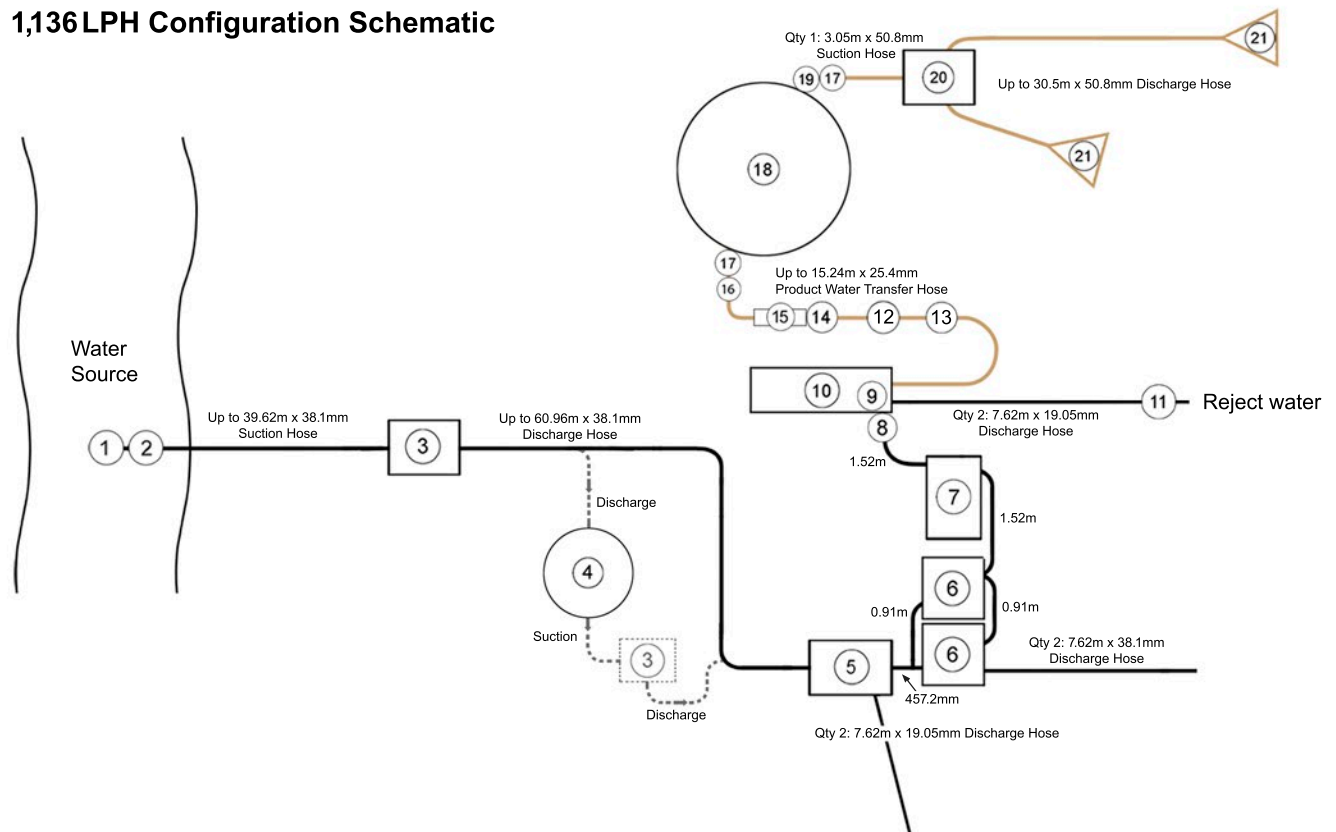
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# ELECTRIC LIGHTWEIGHT WATER PURIFICATION SYSTEM (E-LWPS)

The E-LWPS is the electrical version of the diesel LWPS, and its performance, reliability and configuration are identical. Water production up to 1,136 LPH can be achieved with this configuration. The motor specifications are 120-208 VAC, 3-phase, 50/60Hz and have a 30kW power requirement. The Raw Water, High Pressure and Product Water Pump Modules have connections compatible with MEPDIS-R.



## 1,136LPH Configuration Schematic

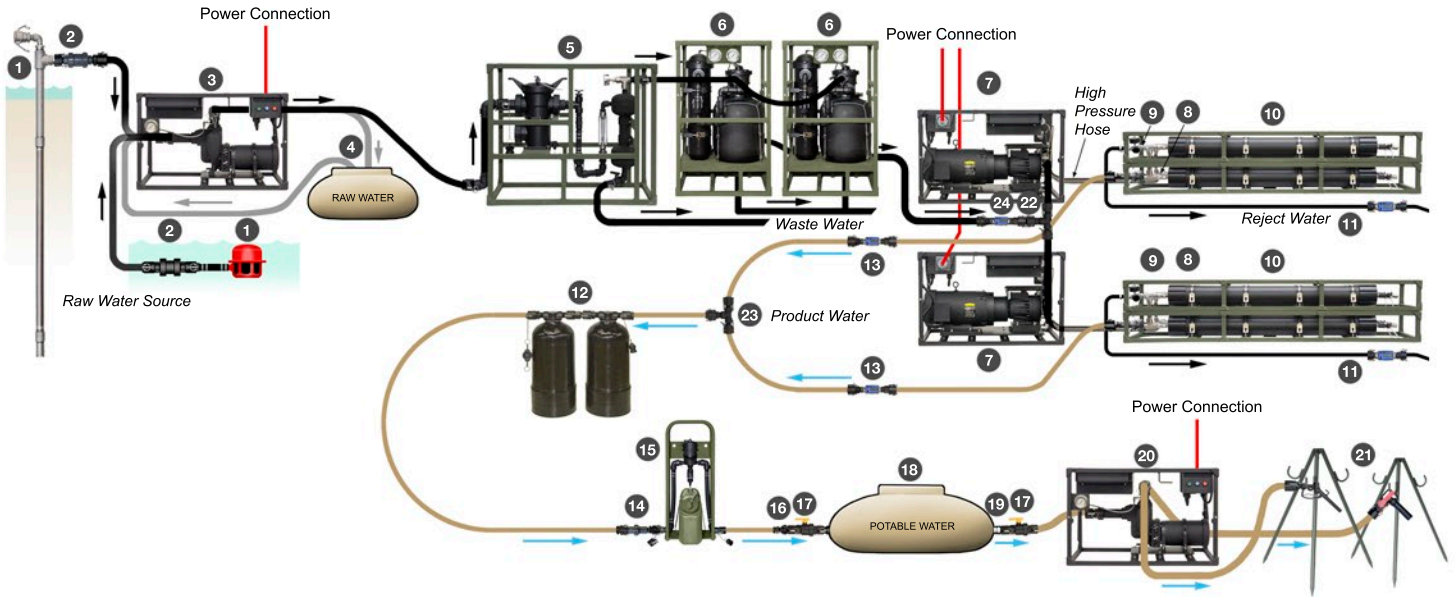


### Key

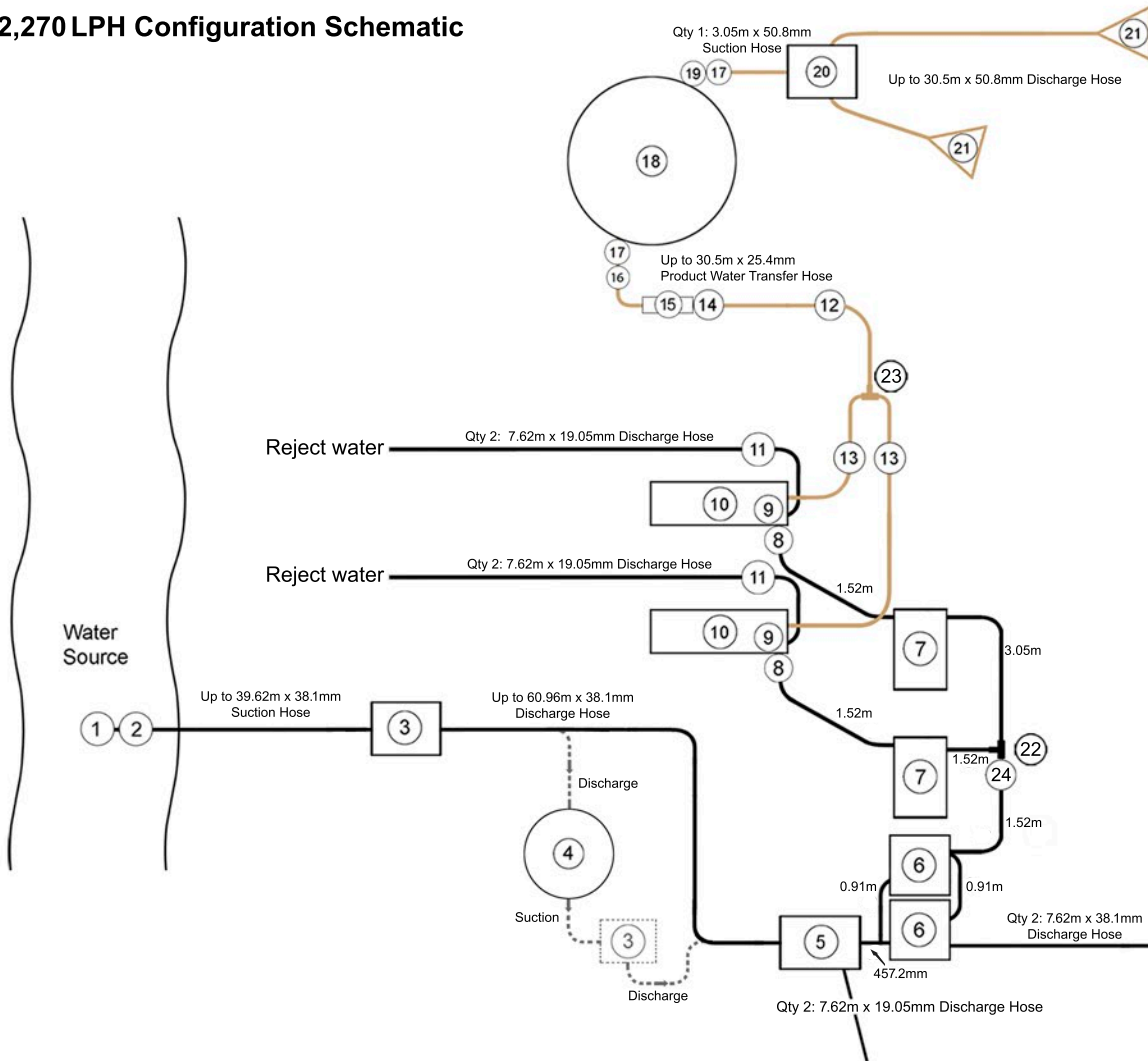
- |                                  |                              |  |   |
|----------------------------------|------------------------------|--|---|
| 1. Intake Strainer or OISS       | 7. High Pressure Pump Module | 13. Product Water Flow Meter           | 19. Male-to-Male Adapter                |
| 2. Raw Water Check Valve         | 8. RO Inlet Flow Meter       | 14. Product Water Check Valve          | 20. Product Water Pump Module           |
| 3. Raw Water Pump Module         | 9. RO Reject Control Valve   | 15. Chlorine Injector                  | 21. Product Water Distribution Assembly |
| 4. Optional 1K Raw Water Tank    | 10. Reverse Osmosis Module   | 16. Hose-to-Product Water Tank Adapter | 22. EPM Raw Water Tee                   |
| 5. Strainer Separator Module     | 11. Reject Water Flow Meter  | 17. Product Water Ball Valve           | 23. EPM Product Water Tee               |
| 6. Media Cartridge Filter Module | 12. Optional NBC Module      | 18. 3K Product Water Tank              | 24. EPM Raw Water Flow Meter            |

# ELECTRIC LIGHTWEIGHT WATER PURIFICATION SYSTEM WITH ENHANCED PRODUCTION MODULE (E-LWPS w/EPM)

The E-LWPS with Enhanced Production Module can increase water production by adding a second High Pressure Pump Module and RO Module. Because of the unique flow and true scalability, water production up to 2,270 LPH can be achieved while minimally increasing the total operational footprint.



## 2,270 LPH Configuration Schematic





***Purify water  
anywhere in the world  
from any source.***



**TACTICAL AND FIRST RESPONSE WATER PURIFICATION SYSTEMS**

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