



### **Energy Saving Revenue & ROI**

Power supply from Grid

Daily production 250lt at 30°C – 70% RH

CASE STUDY & APP ON THE FIELD

Bratislava 10. 01. 2024

**UP TO YOU sro - Bratislava  
WE OFFER SOLUTIONS**

**Za Stanicou 10  
831 04 Bratislava (SK)  
SK2120586292**

### **Operative Contacts**

Marco Boemio

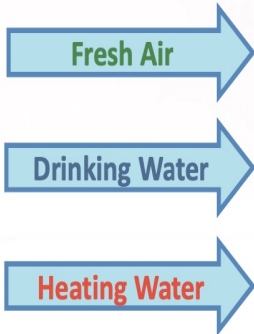
C.E.O

Mob +421 948 223435

Mail [info@uptoyou.sk](mailto:info@uptoyou.sk)



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AWA 25



## PRODUCTION

N° Ville	N° AWA 25	Power 1 Ph - 220 V - 50 Hz - 16 A		High quality drinking water production	
		1	1	72 kWh/day	26.280 kWh/year
1.000	1.000	72.000 kWh/day	26.280.000 kWh/year	250.000 Liters/day	91.250.000 Liters/year
100.000	100.000	7.2 million kWh/day	2.6 billion kWh/day	25.000.000 Liters/day	9.1 BILLION Liters/year

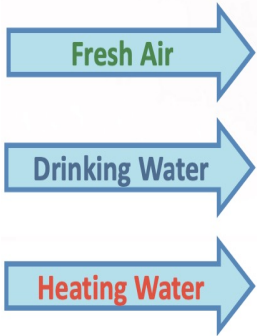
## ENERGY SAVINGS

N° Ville	N° AWA 25	Heating Water production 11 kWh T → 6480 liters/day at 50°C		Equivalent electric saving	
		1	1	264 kWh/day thermal	96.360 kWh/year thermal
1.000	1.000	264.000 kWh/day thermal	96.360.000 kWh/year thermal	88.000 kWh/day electric	32.120.000 kWh/year electric
100.000	100.000	26.400.000 kWh/day thermal	9.636.000.000 kWh/year thermal	8.800.000 kWh/day electric	3.2 Billion kWh/year electric

N° Ville	N° AWA 25	Primary Fresh and Dry Air production 10 kWh T → 1150 mc/h at 24°C 40% R.H.		Equivalent electric saving	
		1	1	240 kWh/day thermal	87.600 kWh/year thermal
1.000	1.000	240.000 kWh/day thermal	87.600.000 kWh/year thermal	96.000 kWh/day electric	35.040.000 kWh/year electric
100.000	100.000	24.000.000 kWh/day thermal	8.760.000.000 kWh/year thermal	9.600.000 kWh/day electric	3.5 Billion kWh/year electric



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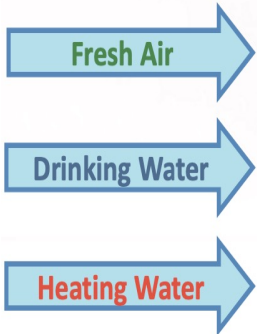
Villa total AED Energy Savings

N° Ville	N° AWA 25	Consumption A	Heating water Saving Revenue B	Fresh and Dry Air Saving Revenue C	Total Saving (B+C-A)
1	1	26.280 kWh/year	32.120 kWh/year electric	35.040 kWh/year electric	40.880 kWh/year
1.000	1.000	26.280.000 kWh/year	32.120.000 kWh/year electric	35.040.000 kWh/year electric	40.880.000 kWh/year
100.000	100.000	2.6 billion kWh/day	3.2 Billion kWh/year electric	3.5 Billion kWh/year electric	4 Billion kWh/year

N° Ville	N° AWA 25	Kwh Cost A	kWh Cost saving revenue B	kWh Cost saving revenue C	Total Saving (B+C-A)
1	1	9.366 AED	11.585 AED	12.695 AED	14.914 AED
1.000	1.000	9.366.000 AED	11.585.000 AED	12.695.000 AED	14.920.000 AED
100.000	100.000	936.600.000 AED	1.16 Billion AED	1.27 Billion AED	1.5 Billion AED



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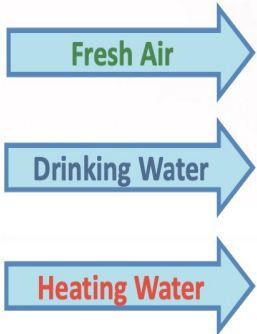
## Villa Return of Investments

N° Ville	N° AWA 25	Awa 25 Cost	Service + Consumables	Water Cost Saving (1,5 AED/liter)	Energy Saving	Total Saving	ROI
1	1	200.000 AED	15.000 AED/Year	136.875 AED	14.914 AED	151.789 AED	1,5 year

- ✓ With a best quality water and best sanitary control for population
- ✓ With a fast return of investment
- ✓ With fast and easy installation and improvement
- ✓ With a relevant CO2 saving (no water transportation, no packaging)
- ✓ With a relevant reduction of plastic waste
- ✓ With a relevant energy saving



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