



SCIENCE CAMP'S WATER FROM AIR PROJECT

- 7 AC unites produced 150-250 Liters per day -

- Science Camp's water is form air:

Science Camp, since 2019, is water self-sustainable and had cut the national water grid source (majority of the year's months), by condensing the water from air in scalable & replicable design with no additional energy consumption, by utilizing the physics of air conditioning system widely distributed in Iraq. Science Camp's system produces 250 Liters daily, with a better quality than the national grid.

- This activity is a part of the Climate Lab in Science Camp project, in collaboration with GIZ-ICT. The ICT project is commissioned by the German Federal Ministry for Economic Cooperation and Development and implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ).



التعاون
الألماني

DEUTSCHE ZUSAMMENARBEIT

Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH





What do we need?



**Water pump
(optional)**



Water tank



PPR pipes & fittings



PPR pipes cutter

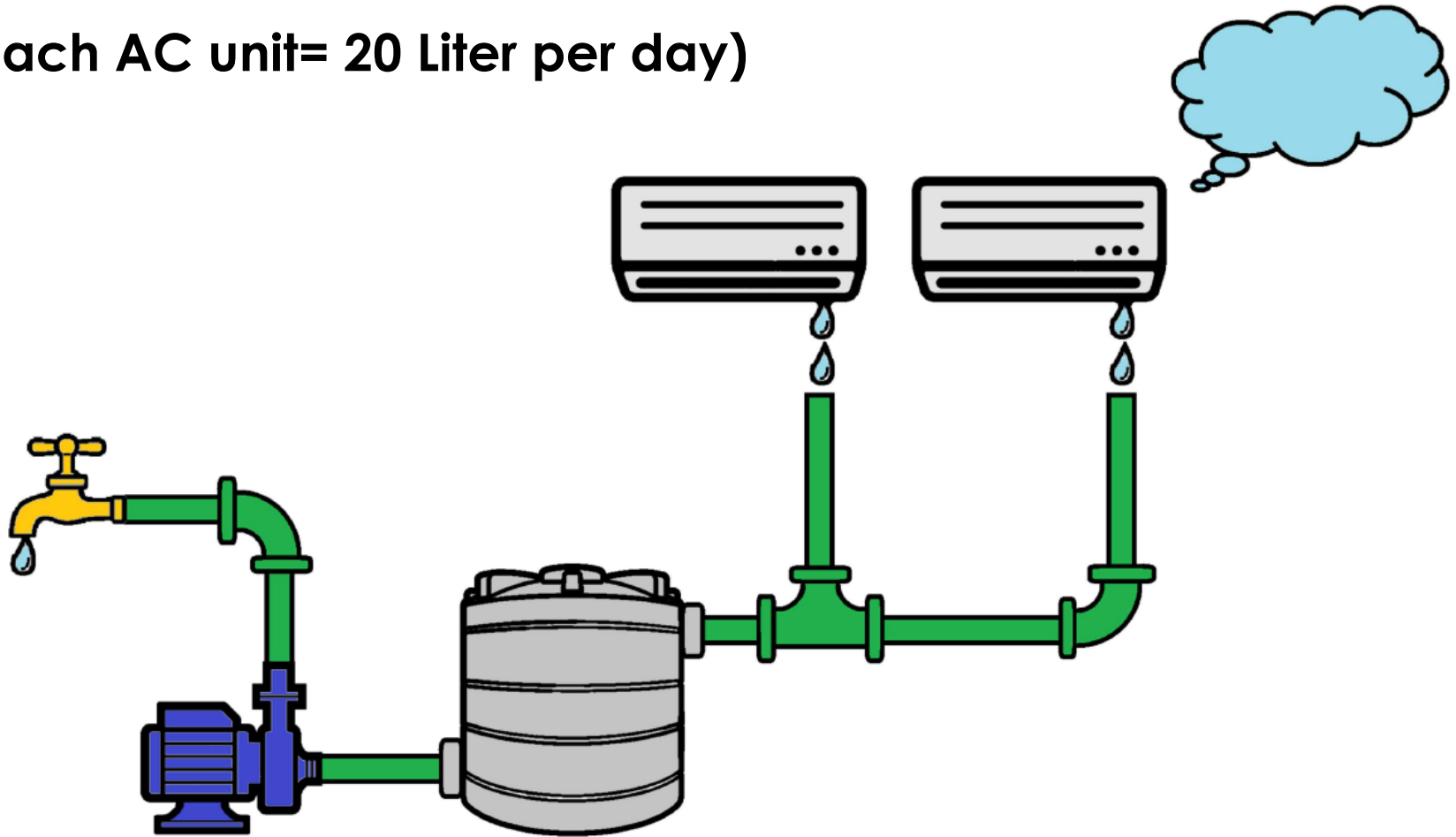


PPR pipes welder

Plan ... Cut ... Weld



(Each AC unit= 20 Liter per day)



*Suitable for daily usage but need multi-level filtering for drinking