

Arid Climate Suit

The Arid Climate Suit (ACS) is a utility suit designed to counteract the heat of [Planet Osman](#), built and designed by [Galactic Horizon](#) in [YE 40](#) for use on the open market. This suit design was based off of that of the [Cold Climate Suit](#) although many assume this to be the predecessor of the CCS

About the Arid Climate Suit

An effective yet relatively simple suit designed to be a useful and affordable tool for anybody in an environment with heightened levels of heat, it is a single suit with included facial protection for the user. It is designed to have a somewhat protective exterior that protects the wearer from moderate damage, due to the fact it was built primarily with 188604 in mind with its various raider parties.

History

[Planet Osman](#) is a hostile place with harsh temperatures befitting it's arid nature, the ACS was built to combat both these common ailments that plagued the inhabitants on a daily basis.

It is a relatively cheap and simple product that is available to the open market.

About the Arid Climate Suit	
Groups Using This Product:	Open Market
Type:	Utility Equipment
Nomenclature:	GH-g5-2e
Designer:	Galactic Horizon
Manufacturer:	Galactic Horizon
Entered Production:	YE 40
Price:	150ks
Weight:	3kg (6.61lbs)
Defensive rating:	Tier 2, Medium Personnel
Life Expectancy	
Suit:	5 years guaranteed
Coolant:	1 year

Appearance

The Arid Climate Suit is a 3cm thick one-piece body suit with a somewhat riding, androgynous silhouette. The material it is made from most closely resembles a tan-coloured polyester that is lined with a series of tubes and connectors with the innermost layer being a grey mesh. The suit has a hood with a tight opening and a flap that covers the user's lower face. It comes bundled with a polyester, microfiber face

shield and a pair of anti-glare, anti-fog goggles, black boots and gloves that are removable, the fingertips of the gloves are conductive so they can work with the simple touchscreen interface on the left forearm. There is a long, magnetically sealed seam that runs vertically down the front of the suit.

Function

The core of the suit is made up of a series of tubes hooked up to a pump on the back and a few small bioelectric generators that convert body heat into pumping power rather than venting it out as a traditional cooling system might. Coolant is run through the tubes in a loop with heat from that being radiated out the shoulders of the suit and a small cap at the base of the neck allows for coolant to be swapped out when it needs to be.

The tubes and pumps are arranged like the circulatory system of a human, more frequent and aggressive movements while wearing the suit result in the coolant being pushed through quicker via applied pressure to compensate for the built up in body heat.

The outermost layer of the suit is lined with a flexible polymer that has been woven with [Stone Thread](#) to provide an extra level of protection against bumps, scrapes and small arms fire.

The suit is loose fitting enough for a reasonable amount of clothing to be worn underneath, the non-bulky nature of the suit means that backpacks, vests and other bits of gear (the [AUG](#) for example) can be worn over the top.

Donning and Doffing the Suit

The wearer undoes the seam at the front of the suit and steps into legs of the suit, they then pull into the sleeves and shrug the suit over their shoulders before closing the seam, simply reverse the process to take the suit off.

Replacement Parts

The following section details replacement parts and their prices.

Bottle of coolant(enough for one refill) **25ks**

Replacement Pump **50ks**

Replacement Tubes(varies) **60ks¹⁾**

OOC Notes

[SirSkully](#) created this article on 2018/06/19 09:39.

Approval info [here](#)

¹⁾

for a full replacement set

From:

<https://wiki.stararmy.com/> - **STAR ARMY**

Permanent link:

https://wiki.stararmy.com/doku.php?id=corp:galactic_horizon:gh-g5-2e_arid_climate_suit

Last update: **2023/12/21 00:57**

