MAXIMUM PERFORMANCE IN ALL CONDITIONS

WORK - ROTATION

uludag klima

✉ AUXILIARY POWER

The direct backup A/C is activated if the air conditioner fails.
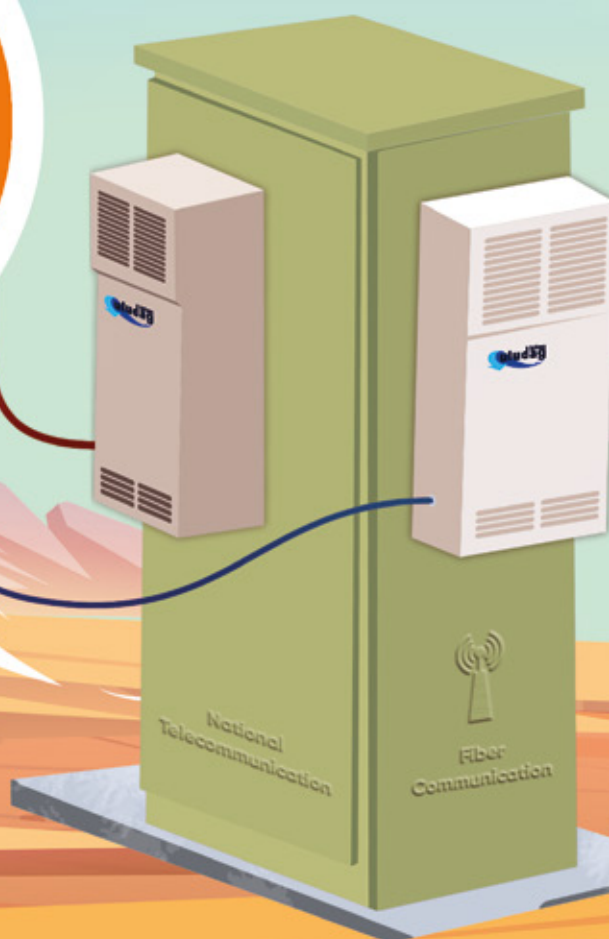
⋯ ASSISTED WORK

In extreme heat, if one A/C is not enough, the second A/C also works immediately.

📈 COMMUNICATIONS

All parameters of A/C can be monitored and changed remotely. RS-485, Ethernet

💡 ROLE RESERVAL

The operating time of both A/C is controlled, and the two A/C are allowed to operate in the same amount of time.

uludag
Air Conditioner
Control System
www.uludagklima.com

National Telecommunication

Fiber Communication

EQUAL AGED
CONTROLLER

CONTROL **UNIT**

Due to the importance of the equipment included in it, multiple air conditioners can be installed in one cabinet. With the **Working Rotation Module**, these air conditioners work both as each other's backups and as each other's assistants.

Roles are exchanged between them within a specified time, and they are provided with the opportunity to use with equal lifed.

If there is a situation where one air conditioner cannot cool sufficiently in capacity, the two air conditioners will **work together**. If one of the air conditioners fails, it activates the other one directly and provides a trouble-free air conditioning solution.

FLOW **CHART**

The two A/C on the enclosure are connected to the same control unit.

The temperature inside the cabinet is monitored.

One of the A/C is operated as the main one and one as a substitute. Two different SET points are set (SET1 and SET2)
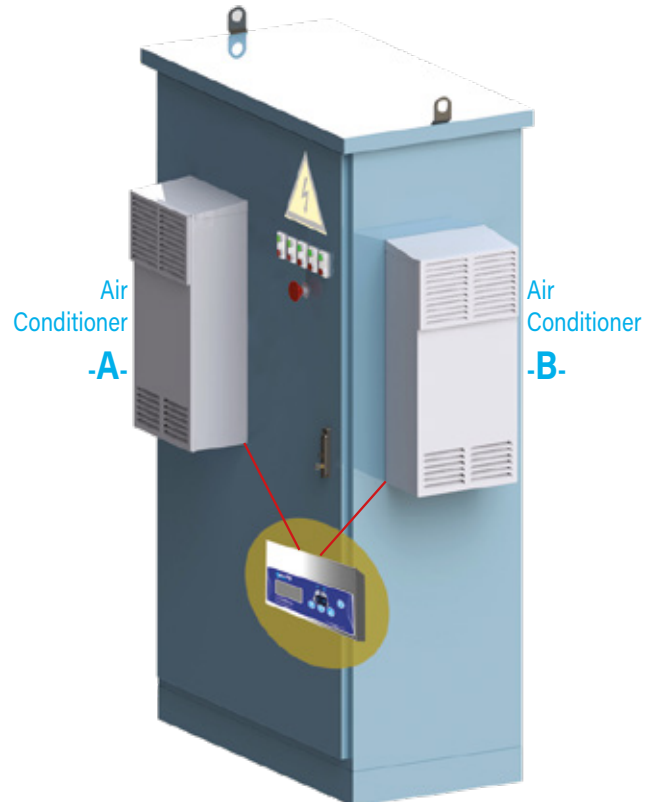
If the temperature in the cabinet exceeds SET1 by 4 °C, air conditioner A is activated.

As A/C A continues to work, cooling becomes insufficient, and if the internal temperature reaches the point of 'SET2 + 4 °C', air conditioner B also comes into play. A/C A and A/C B both work together.

Air conditioner B turns off when the indoor temperature drops to SET2.

Air conditioning A is disabled when the indoor temperature drops to SET1.

During the general operation period, the ROLES are CHANGED between Air Conditioner A and Air Conditioner B, ensuring that the devices work for in the same amount of time.

Air Conditioner
-A-

Air Conditioner
-B-

EQUAL AGED
CONTROLLER

CONTROL **UNIT**

Work-Rotation Unit
Es-Yaslandırma

B Kliması

A Kliması