KORALP®

Smart storage & drying solutions

USER MANUAL

K-STOKDRY+

Programmable version – "Summum"
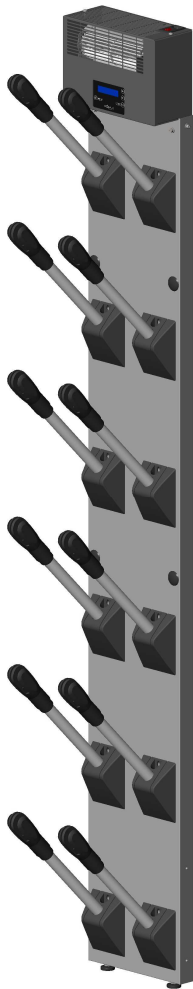
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K-STOKDRY+
Programmable Version – « Summum »

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GENERALITIES

The device you have purchased is a boots, gloves and / or helmets dryer.
The technical descriptions and characteristics are given for information only. For the sake of improvement and compliance with standards, KORALP reserves the right to make any changes without notice on this unit. For transport, storage and movement, the device must be handled in its original packaging and in conditions of safety and vigour. To avoid damage to equipment, do not stack packages.

Recommendations on the environment:
- The room must be ventilated.
- The ambient temperature must be above 15 ° C.

For efficient drying footwear, lasting 2 hours with heating is normally sufficient. However, depending on the humidity of the room and the room temperature, 3 hours may be required. For drying without heating, 3 hours is required.

FUNCTIONS

- Warm air-drying: 2 hours drying time (unless the ambient temperature is below 16 ° C).
- System broadband ventilation (200m²/h)..
- Selection Mode automatic on / off or manual with timer and programming ranges for **version +**. Ability to separate ventilation heating.

SAFETY INSTRUCTIONS

- The appliance must be plug on an electric outlet installed according to the standard in force (the electrical outlet must have an earth connection and a circuit breaker of 30 mA).
- Do not use the appliance outside.
- Do not expose the fan to water.
- Do not use the appliance in rooms where there is a risk of explosion.
- Do not cover the fan housing.
- Do not put any object or material inside the fan housing.
- Do not operate the fan housing if it's not fasten to the appliance.
- For legs stand use, fasten the appliance firmly on a suitable stand.
- Unplug the electrical outlet before any intervention on the fan housing.
- Only professional can make intervention on the electric parts.
- In case of emergency or unusual operation or damaged on the appliance: Unplug immediately the appliance and do not plug it again before getting KORALP in touch.
- Do not let children play or climb on the appliance.
- Do not let children or any person with reduced physical, sensory or mental capabilities use this appliance unsupervised.

MAINTENANCE

To ensure proper use of your device, it must be regularly maintain and comply with these points:
- **Clean** the unit with a damp cloth
- Regularly **check** the proper functioning of the fan and the heater,
- **Remove dust** regularly from fans grids.

WARRANTY

The appliance warranty is two years from the date of departure from our warehouse. All changes in our products without our written consent liberate us from this warranty.

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TECHNICAL FEATURES

Capacity and size

Reference	Pairs of dry boots	Weight (kg)	Height (mm)	Width (mm)	Depth (mm)
K-STOKDRY-A04+	4	13	1460*		
K-STOKDRY-A05+	5	15	1780*	270 (*300 with boots*)	350 (*480 with boots*)
K-STOKDRY-A06+	6	17	2100*		

* Caution; leave a 100mm space between the top of the appliance and the ceiling.

Technical specification

Power supply	AC 220-240 V, 50/60 Hz
Power (max)	550 W
Fuse	3,15 A
Operating temperature	10-30°C
Dampness	30-70 %
Air flow (max)	200 m^3/h
Sound level	< 70 dB(A)
Power cable	IEC/Sector cable, Section 3G1 mm^2, height 60 cm
Control	**UNIT** connector board

SPARE PARTS

Ref.	Designation
SUPTUB	Support for tube with cap
TUBE	Tube with cap
K-STOKDRY-GANTS	Gloves or helmet prong
FUSIBLE	Fuse of 3,15 A
09KSD-ALIM	Outlet/IEC power cable, 60 cm

NOMENCLATURE

Example for a 6 pairs « Programmable » version

Ref.	Designation	Type	Quantity
SE-17KSDCOR-06	Main body K130 6 pairs	1 box	1
SE-17KSDHOT-6A+	KSD 4-6 pairs ventilation system Version +	1 box	1
SE-9TUBWARM	10 tubes with cap	1 box	1,2
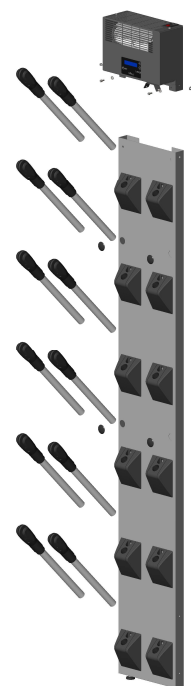
ASSEMBLY INSTRUCTION

Assemble body and ventilation system
    a.   Identify body (*SE-17KSDCOR-06*) and motor (*SE-17KSDHOT-6A+*).
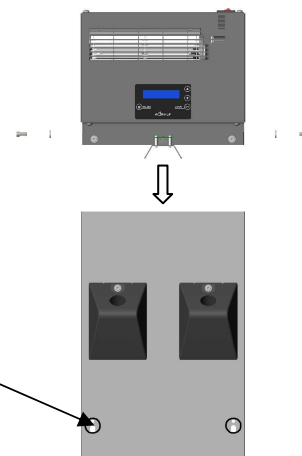   b.   Fit the hood into the body and tighten the 4 screws / washers.
    c.   Block all screws.

Fix the set on the wall
    a.   Use the appropriate fasteners (4 anchoring points).
    b.   Place the plastic caps on the body.

Install tubes
    a.   Identify the tubes (*SE-9TUBWARM*).
    b.   Push the tubes into the whole by moving the rivet from the tube in the groove plastic support provided for this purpose and perform a shift turn to the right.

Turning the device on

IEC base

Fuse holder

ON/OFF switch
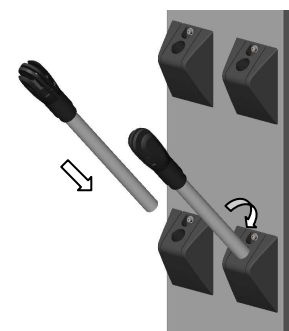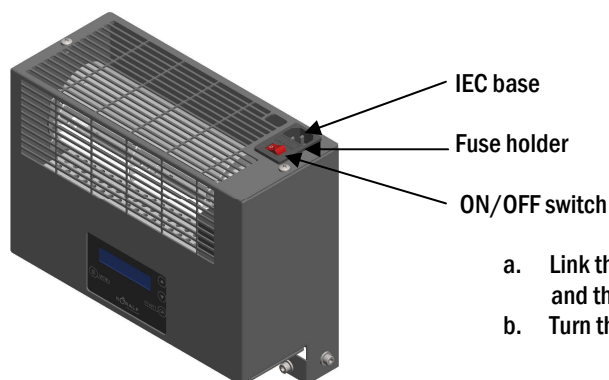
    a.   **Link the power cable with the IEC base and then with the electrical outlet**
    b.   **Turn the switch ON**

Put the boots on the appliance
- Remove the snow outside of the boots and / or empty the water inside the boots before putting them on the appliance.
- For optimum operation, place the boot as indicate below:

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USER MANUAL : PILOT

Description and default settings

The Pilot (control panel) is made with a display (with blue backlight) and 4 buttons (MENU, OK, ▲, ▼).

Main screen :
DAY / HOUR / KORALP
DEVICE / STATE

| MO   12:00   KORALP |
| K-STOCKDRY   : OFF |

▲ ▼

☰ MENU   START OK

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First use

At first use (plug on 230 VAC), user will set TIME (**hour and day**).

Setting the clock

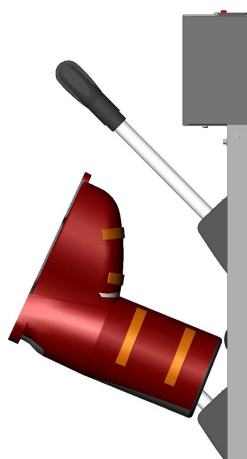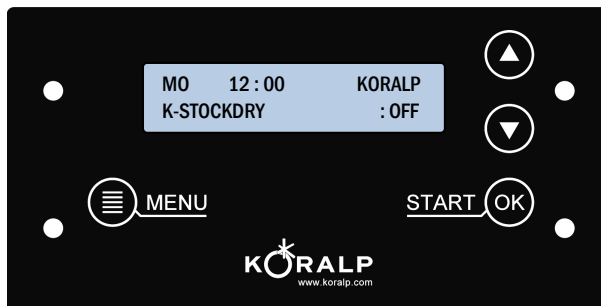Press MENU, then press ▲ or ▼ to locate the **PARAMETERS** menu.
Confirm with OK (the active line is indicated with the arrow >) :

| > P A R A M E T E R S |
| S T A R T |

Confirm **SET TIME** by pressing OK, select SET HOUR or SET DAY (with buttons ▲ or ▼) confirm by pressing OK :

| P A R A M E T E R S |
| > S E T   T I M E |

Press ▲ or ▼ to set the time (let the button down to scroll faster time):

| H H : M M |
| >   1 2 : 0 0 |

Once time set confirm by pressing OK. Same operation to set the day.

Once this is done, the following menus are accessed by pressing MENU:

- **START**, which can start a forced march (Duration 2h, 4h, 6h, 8h or PERMANENT)
- **PROGRAM**, which defines 0, 1, 2, 3 or 4 time slots operating,
- **STOP**, which can stop the machine if a step or if a schedule is in progress,
- **PARAMETERS**, which allows to set the time, read the software version of the software or reset the unit.

In the menu, the OK button is to validate the screen to advance to next submenu, and the MENU button scrolls upward through the menus to return to the previous screen.

From the main screen, pressing the MENU button provides access to the following screen:

| > S T A R T |
| P R O G R A M |

Pressing the ▲ / ▼ to scroll through the list loop of menu choices:

| > P R O G R A M |
| S T O P |

| > S T O P |
| P A R A M E T E R S |

The menu selection is done by pressing the OK key (the active line is indicated by the arrow>).

To return to the main screen without selecting a menu, simply press the MENU button.

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Device use

MENU START

If the START menu has been selected, the following screen appears :

S	T	A	R	T											
>	2		H	O	U	R	S								

The user has the choice between 2 hours, 4 hours, 6 hours, 8 hours or an infinite duration (permanent operation).

Press ▲ or ▼ :

S	T	A	R	T											
>	4		H	O	U	R	S								

S	T	A	R	T											
>	6		H	O	U	R	S								

S	T	A	R	T											
>	8		H	O	U	R	S								

S	T	A	R	T											
>	P	E	R	M	A	N	E	N	T						

Once the selected time and validated with the OK button, it's possible to activate or not the heating by press ▲ or ▼:

2		H	O	U	R	S									
>	H	E	A	T	I	N	G			O	N				

2		H	O	U	R	S									
>	H	E	A	T	I	N	G			O	F	F			

When the choice HEATING ON or HEATING OFF selected and validated with the OK button, the device turns on for the duration determined by the timing chosen, then the display of the device returns to the main screen.

To return to the previous screen without selecting ON or OFF, just press the MENU button.

If an operation is underway, the main screen alternately displays the remaining time and the operating status of the device:

M	O		0	7	:	3	0			K	O	R	A	L	P
R	E	M	A	I	N	I	N	G	:	1	2	0	m	i	n

M	O		0	7	:	3	0			K	O	R	A	L	P
K	-	S	T	O	C	K	D	R	Y			:	O	N	

MENU PROGRAM (TIME SLOTS)

If the PROGRAM menu has been selected, the following screen appears :

P	R	O	G	R	A	M									
>	P	R	O	G	R	A	M		1						

The user can choose to program up to 4 slots (program).
Press ▲ or ▼ :

P	R	O	G	R	A	M									
>	P	R	O	G	R	A	M		2						

P	R	O	G	R	A	M									
>	P	R	O	G	R	A	M		3						

P	R	O	G	R	A	M									
>	P	R	O	G	R	A	M		4						

Pressing the OK button is used to select the desired time slot (1, 2, 3 or 4).

The user must then set the following parameters for the selected time:
START HOUR / END HOUR / DAYS ENABLED (ON or OFF) / HEATING (ON or OFF).

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Press ▲ or ▼ :

```
P R O G R A M    1
> S T A R T    H O U R
```

```
P R O G R A M    1
> E N D    H O U R
```

```
P R O G R A M    1
> D A Y S    E N A B L E D
```

```
P R O G R A M    1
> H E A T I N G
```

- Start hour setting :

```
P R O G R A M    1
> S T A R T    H O U R
```

Press OK :

```
S T A R T    H O U R
>    0 7 : 0 0
```

Press the ▲ or ▼ to set the start time of the selected slot (leave the key down to scroll faster time), then press OK.

- End hour setting :

```
P R O G R A M    1
> E N D    H O U R
```

Press OK :

```
E N D    H O U R
>    0 8 : 0 0
```

Press the ▲ or ▼ to set the end time of the selected slot (leave the key down to scroll faster time), then press OK.

- Activation setting :

```
P R O G R A M    1
> D A Y S    E N A B L E D
```

Press OK :

```
D A Y S    E N A B L E D
> M O N D A Y
```

Press ▲ or ▼ to select the active day(s) of the selected slot (ALL ON, ALL OFF, MONDAY, TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY, SUNDAY), then press OK.
By default, each of the four slots is disabled (ALL OFF).

- Heating setting :

```
P R O G R A M    1
> H E A T I N G
```

Press OK :

```
H E A T I N G
> O N
```

Press ▲ or ▼ to select to activate or deactivate the heating (ON / OFF) , then press OK.
By default, each of the four slots is activated (ALL ON).

If a schedule is in progress, the main display alternately shows the end time for the schedule and the working condition of the unit:

```
M O    0 7 : 3 0    K O R A L P
E N D    H O U R    :    0 8 : 0 0
```

```
M O    0 7 : 3 0    K O R A L P
K - S T O C K D R Y    : O N
```

Note : The slots can be activated in disorder (for example track 3 can be activated even if slots 1, 2 and 4 are disabled), but if several slots are activated, which in number is the lowest priority compared to other (range 1 priority over the tracks 2, 3 and 4, track 2priority over tracks 3 and 4, track 3 priority over the range 4).

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STOP MENU

If a walk or a time slot is in progress, the user can stop it.
From the main menu, select the menu OFF using the ▲ and ▼.

>	S	T	O	P											
P	A	R	A	M	E	T	E	R	S						

Press OK to confirm :

S	T	O	P												
S	T	O	P			O	V	E	R						

The device will stop until the next time slot departure. If no time slot is set, then the device can be restarted with the START Menu.

Note : A fan 10-second switch-off delay is programmed, in the case where heating and ventilation being switched-on and the time (or time slot) is stopped, which means that when the resistance is turned off, the fan continues to run 10 seconds before stopping to cool the resistance.

MENU PARAMETERS

If the PARAMETERS menu has been selected, the following screen appears :

P	A	R	A	M	E	T	E	R	S						
>	S	E	T			T	I	M	E						

The user can choose TIME SETTING / SOFTWARE / RESET

Press ▲ or ▼ :

P	A	R	A	M	E	T	E	R	S						
>	S	O	F	T	W	A	R	E							

P	A	R	A	M	E	T	E	R	S						
>	R	E	S	E	T										

- Time setting : *See § « First use » page 5.*

- Software version **:**

P	A	R	A	M	E	T	E	R	S						
>	S	O	F	T	W	A	R	E							

Press OK to see software version.

- Reset the device :

P	A	R	A	M	E	T	E	R	S						
>	R	E	S	E	T										

Press OK :

R	E	S	E	T											
>	A	R	E			Y	O	U			S	U	R	E	?	

Press OK resets the device (factory settings).

Upon restart, the user will adjust: the LANGUAGE *(FRANCAIS / ENGLISH)*, the DAY, the HOUR (*HH :MM*), the DEVICE (**K-STOCKDRY**).

SECURITY – TEMPERATUR DEFAULT MODE AND REBOOT

If an abnormally high temperature is measured by the temperature sonde, or if the sonde is disconnected, the heating is immediately switched off and the fan stops after 10 seconds.

The device displays the message "DEFAULT T °" on the main screen and the keypad will be locked:

M	O			1	2	:	0	0			K	O	R	A	L	P
D	E	F	A	U	T			T	°							

The device can only be switched on again by pressing both buttons ▲ and ▼ simultaneously for more than 3 seconds.