AIR-TRANSFER

The Healthy Air Company

HEATING UNIT



WORLD'S FIRST CHOICE

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Our heaters combines innovative technical solutions with a modern and functional design. We precisely engineer each component to achieve „The Function ", and we also strive for „The Form", a form that is neglected on the segment.

We were capable of conceptualizing a diamond, simplicity, strength, and beauty were the key concepts that we used, allowing us to create a contemporary and functional cover design.

Our heaters are the 1st Engineer/Design Unit heater in the market with the IF design award in 2017

Modernity

- **ABS** casing is characterized by high mechanical strength
- durable colour thanks to **anti-UV** pigment mixture
- resistance to high temperatures
- unique design awarded with **IF Design award**
- failure-free proven by **3 year warranty**





AC heaters

High quality and low price

- mounting bracket included
- high capacity of the device
- reliable three-speed motor
- three step fan speed control
- quick assembly and intuitive connection
- competitive price



EC heaters

Convenience and energy savings

- mounting bracket included
- highly efficient EC motor
- smooth fan speed control
- up to 40% lower operating costs
- possibility of direct connection to the BMS system
- quiet running at high speeds
- advance callendar options
- up to 8 units connecion possibility

Controls









PARAMETERS Model		Wall controller Air curtain / Heater	VR Thermostat	Speed regulator ARW 3.0/2	Speed regulator ARW 0.6	Potentiometer VR EC (0-10V)	Potentiometer with thermostat VR EC (0-10V)	HMI Heater EC controller
Air-Transfer product number								
Motor support			AC				EC	
Power supply voltage	V/ph/Hz	~230/1/50	~230/1/50	~230/1/50	~230/1/50	~230/1/50	~230/1/50	~230/1/50
Permissible load current	A	6(3)	3	3	0,6	0,02 A for 0-10V		1A for 230VAC 0,02A for 0-10V
Settings range	°C	10...30	10....30	10....30	10....30	-	5...30	5...40
Work mode	---	manual	manual	manual	manual	manual	manual	manual/automatic
Hourly-weekly calendar	---	No	No	No	No	No	No	Yes
Clock	---	No	No	No	No	No	No	Yes
Temperature measurement	---	Integrated in the device				-	Integrated in the device	
The possibility of connecting a separate temperature sensor	pcs.	No				No	1 or 4	1 or 4
Output signal	---	on/off				0-10 V DC		
Protection rate	IP	30		54		30		20

COOPERATION OF CONTROLS AND REGULATORS WITH HEATING UNITS

VR Mini/ VR D mini	pcs.	4	1	4	1	8
VR1/ VR2	pcs.	2	1	1	0	8
VR3 / VR-D	pcs.	1	1	1	0	8

Accessories



Valve with actuator

Air-Transfer article No.		-
power supply voltage	V/ph/Hz	~230/1/50
Power consumption electrical	W	1
connection	"	3/4
Coefficient of Volume	m^3/h	4,5
opening/ closing time	min.	3/3
protection rating	IP	54



Room NTC sensor (for the HMI EC controller)

Air-Transfer article No		-
resistance measurement element	kΩ	NTC 10K
assembly	---	surface-mounted
max. signal wire length	m	100
ambient	°C	-20...+70
protection rating	°C	-20...+70
stopień ochrony	IP	66



Flex. connectiong hoses (set)

Air-Transfer article No.	-	
lenght	m	0,6-0,9
connectrion type	GW/GW	3/4"
max. fluid pressure	MPa	1,6
min. working temperature for water	°C	5
min. working temperature for glycol	°C	-20
max. working temperature	°C	130
set includes		hose (2 pcs) gasket (4 pcs)