

Water air curtain series

AERIS WN-1P 230V

The AERIS series air curtain is designed for installation above the entrance / exit to the room. The device is equipped with a heat exchanger that heats the air flowing through it, additionally supporting the heating system. The product is intended for installation in facilities with a central heating system to which a heat exchanger should be connected. During operation, the air curtain creates a barrier to prevent heat loss through the open door. It also protects the room against the penetration of insects and dust into its interior.



Device features:

- designed for installation above or along the door opening,
- durable powder-coated metal housing,
- mounting panel and door sensor included,
- effective protection against dust and insects from the outside,
- high operating economy of the device,
- available in sizes 100 cm, 150 cm, 200 cm,
- easy to assemble.



	UNIT	AERIS 100WN-1P			AERIS 150WN-1P			AERIS 200WN-1P		
PRODUCT CODE		AC100WN-1P			AC150WN-1P			AC200WN-1P		
NOMINAL HEATING CAPACITY	kW* 3 stage/ 2 stage/ 1stage	17,0	15,8	14,2	26,1	24,1	21,9	37,1	34,0	31,4
MAXIMUM AIRFLOW	m ³ /h 3 stage/ 2 stage/ 1stage	1500	1350	1150	2250	2000	1750	3250	2850	2550
MAXIMUM AIR SPEED	m/s 3 stage/ 2 stage/ 1stage	9	8	7	9	8	7	9	8	7
CURTAIN RANGE	m	3			3			3		
WATER CAPACITY	dm ³ /h 3 stage/ 2 stage/ 1stage	749	698	625	1150	1062	968	1638	1498	1386
MAXIMUM TEMPERATURE OF HEATING FLUID	°C	90			90			90		
MAXIMUM PRESSURE OF HEATING FLUID	MPa	1,6			1,6			1,6		
CONNECTORS DIAMETER	cal	3/4			3/4			3/4		
VOLTAGE / FREQUENCY	V/Hz	230/50			230/50			230/50		
NOMINAL MOTOR CURRENT	A 3 stage/ 2 stage/ 1stage	0,65	0,57	0,52	0,87	0,78	0,70	1,39	1,30	1,22
NOMINAL MOTOR POWER	W 3 stage/ 2 stage/ 1stage	150	130	120	200	180	160	320	300	280
IP PROTECTION RATING OF MOTOR	-	E / IP20			E / IP20			E / IP20		
NET WEIGHT	kg	18			28			34		
NOISE	dB 3 stage/ 2 stage/ 1stage	57	55	52	59	57	54	61	59	56

* for the parameters 90/70 °C and the inlet air temperature 0 °C