



## SILVER Air Curtains

SILVER air curtains combine contemporary architectural styling with high-performance air barrier technology, making them an ideal solution for modern commercial and public interiors. Designed to minimise heat loss and unwanted air exchange through open doorways, they help maintain a comfortable indoor environment while improving overall energy efficiency and reducing operating costs. Unit lengths are matched to standard doorway widths to ensure effective entrance protection and consistent airflow coverage.

SILVER air curtains are suitable for a wide range of applications, including:

- Shopping centres and supermarkets
- Restaurants, bars, hotels, and banks
- Public buildings and office facilities
- Hospitals, pharmacies, warehouses, and similar environments

The units are designed to recirculate and heat indoor air. They can also operate as ambient (unheated) air curtains where heating is not required.

Silver air curtains are suitable for doorways and building openings up to:

- approx. 2.5 m — Size 1
- approx. 3.0 m — Size 2
- approx. 4.0 m — Size 3

Multiple units can be installed side by side to match wider entrances and provide continuous air protection across the full doorway width.

### PRODUCT DESCRIPTION

The air curtains consist of the following components:

- A robust powder-coated steel casing with a full-length discharge slot and durable plastic side panels
- A water or electric heating coil
- Double-inlet centrifugal fans, available in configurations of 2, 3, 4, or 5 units

The air curtains are available in three sizes, each offered in three different lengths, ensuring precise adaptation to doorway dimensions.

#### Horizontal (Over-Door) Installation

- Designed for suspended ceiling or support structure mounting
- Suitable for standard commercial and public building entrances
- Additional fixing points provide enhanced installation stability where required

#### Vertical (Side-Mounted) Installation

- Ideal for large door openings
- Supplied with integrated support feet for secure floor mounting

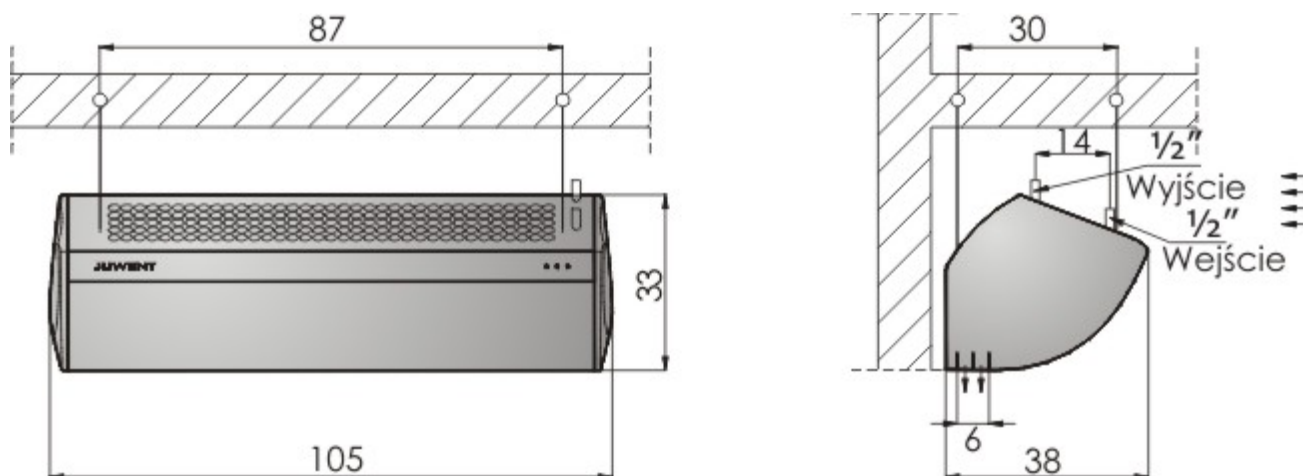
- Available in left-hand or right-hand configurations to suit entrance layout requirements

## **OPERATING CONDITIONS**

Water-heated models are designed for operation with heating water temperatures up to 150°C and operating pressures up to 1.5 MPa. Electric-heated models operate on a 400 V three-phase power supply and feature integrated overheat protection for safe and reliable operation.

## SILVER-1-105-W

### DIMENSIONS



Fan Parameters	
Number of fans	2
Voltage (V)	230
Motor power (kW)	0,16
Current (A)	0,7
Fan speed (rpm)	1270

Airflow and Heating Capacity of Water-Heated Air Curtain				
Airflow (m³/h)			1500	
Heating capacity (kW), discharge air temperature (°C) and water pressure drop (kPa)				
Water temperatures (°C)	Entering air temperature (°C)	kW	°C	kPa
90/70	5	13,7	31	4,6
	10	12,5	34	3,8
	15	11,3	37	3,1
80/60	5	11,4	26	3,2
	10	10,3	29	2,6
	15	9,1	33	2,0
70/50	5	9,2	22	2,1
	10	8,1	25	1,6
	15	7,1	28	1,2

<b>60/40</b>	5	7,1	18	1,2
	10	6,1	21	0,9
	15	5,1	25	0,8

Noise Level (dB(A))	
At a distance of 1 m	64
At a distance of 3 m	60
Weight	
Weight (kg)	34

## SILVER-1-105-E

### DIMENSIONS



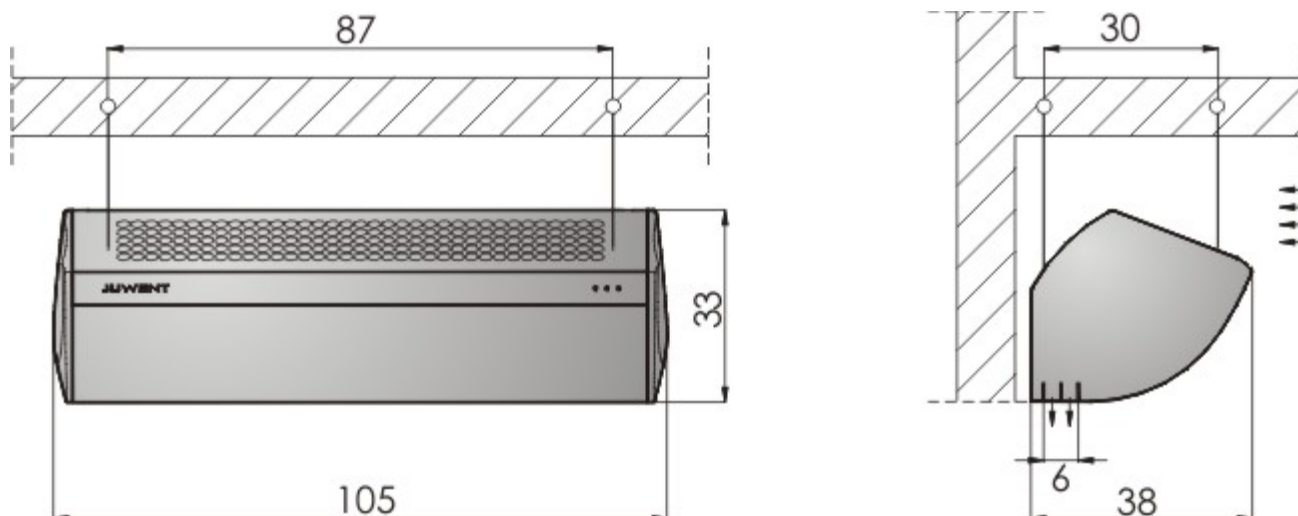
Fan Parameters	
Number of fans	2
Voltage (V)	230
Motor power (kW)	0,16
Current (A)	0,7
Fan speed (rpm)	1270

Airflow and Heating Capacity of Electric-Heated Air Curtain	
Airflow (m <sup>3</sup> /h)	1500
Heating capacity (kW)	6

Noise Level (dB(A))	
At a distance of 1 m	64
At a distance of 3 m	60
Weight	
Weight (kg)	35

## SILVER-1-105-Z

### DIMENSIONS

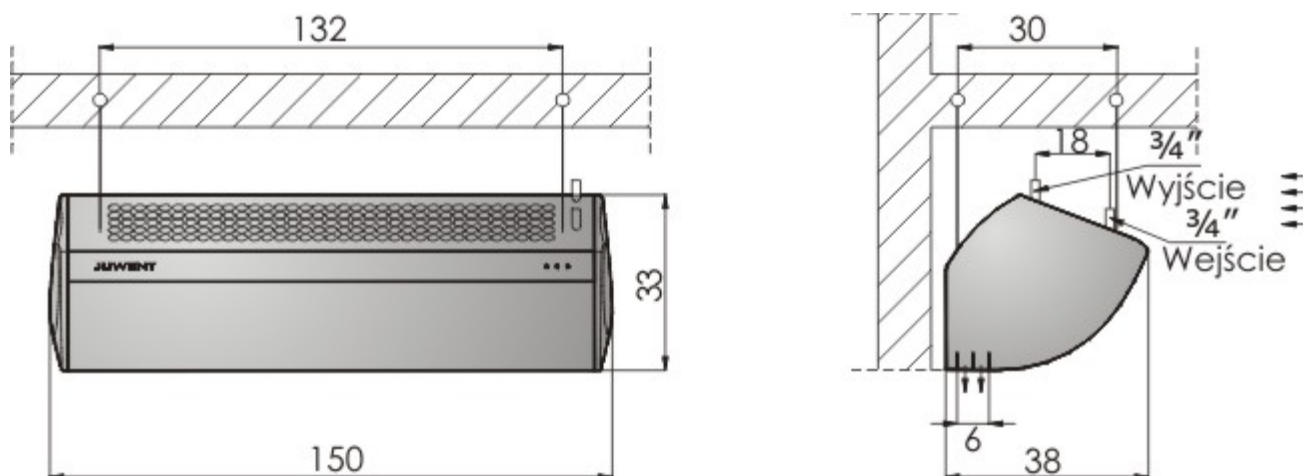


Fan Parameters	
Number of fans	2
Voltage (V)	230
Motor power (kW)	0,16
Current (A)	0,7
Fan speed (rpm)	1270
Airflow (m <sup>3</sup> /h)	1500

Noise Level (dB(A))	
At a distance of 1 m	64
At a distance of 3 m	60
Weight	
Weight (kg)	31

## SILVER-1-150-W

### DIMENSIONS



Fan Parameters	
Number of fans	2
Voltage (V)	230
Motor power (kW)	0,130
Current (A)	0,60
Fan speed (rpm)	1270

Airflow and Heating Capacity of Water-Heated Air Curtain				
Airflow (m³/h)			2250	
Heating capacity (kW), discharge air temperature (°C) and water pressure drop (kPa)				
Water temperatures (°C)	Entering air temperature (°C)	kW	°C	kPa
90/70	5	20,6	32	2,7
	10	19,0	34	2,2
	15	17,2	37	1,8
80/60	5	17,2	27	1,8
	10	15,6	30	1,5
	15	13,9	33	1,2
70/50	5	13,9	23	1,3
	10	12,3	25	0,9
	15	10,7	29	0,7
60/40	5	10,7	19	0,7
	10	9,2	21	0,5
	15	7,7	25	0,4

Noise Level (dB(A))	
At a distance of 1 m	64
At a distance of 3 m	60
Weight	
Weight (kg)	45



## SILVER-1-150-E

### DIMENSIONS



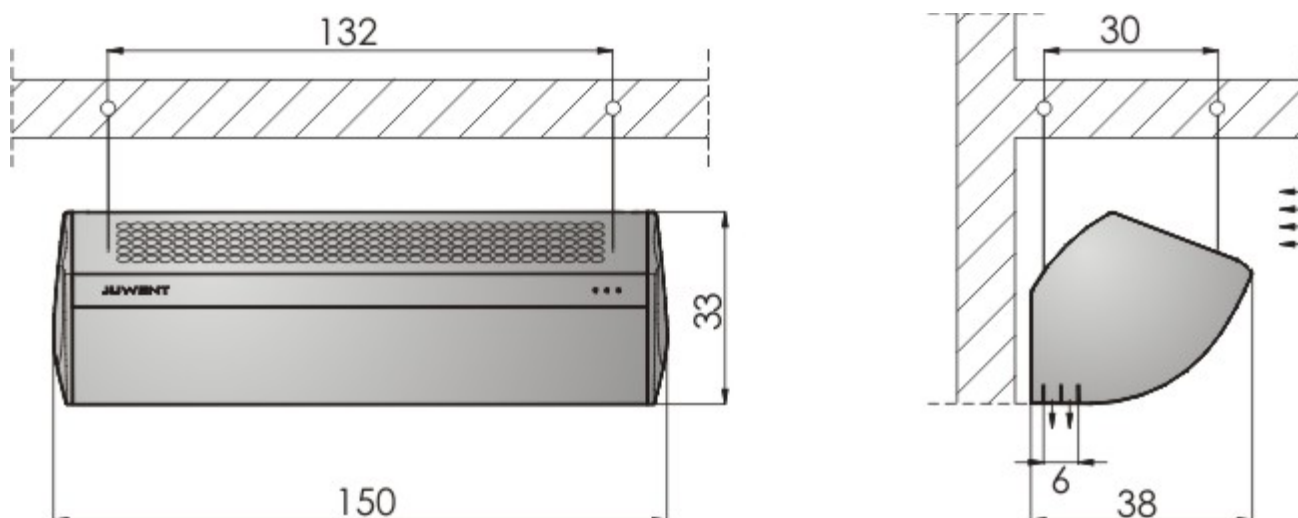
Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,16
Current (A)	0,7
Fan speed (rpm)	1270

Airflow and Heating Capacity of Electric-Heated Air Curtain	
Air flow (m <sup>3</sup> /h)	2250
Heating capacity (kW)	9

Noise Level (dB(A))	
At a distance of 1 m	64
At a distance of 3 m	60
Weight	
Weight (kg)	45

## SILVER-1-150-Z

### DIMENSIONS

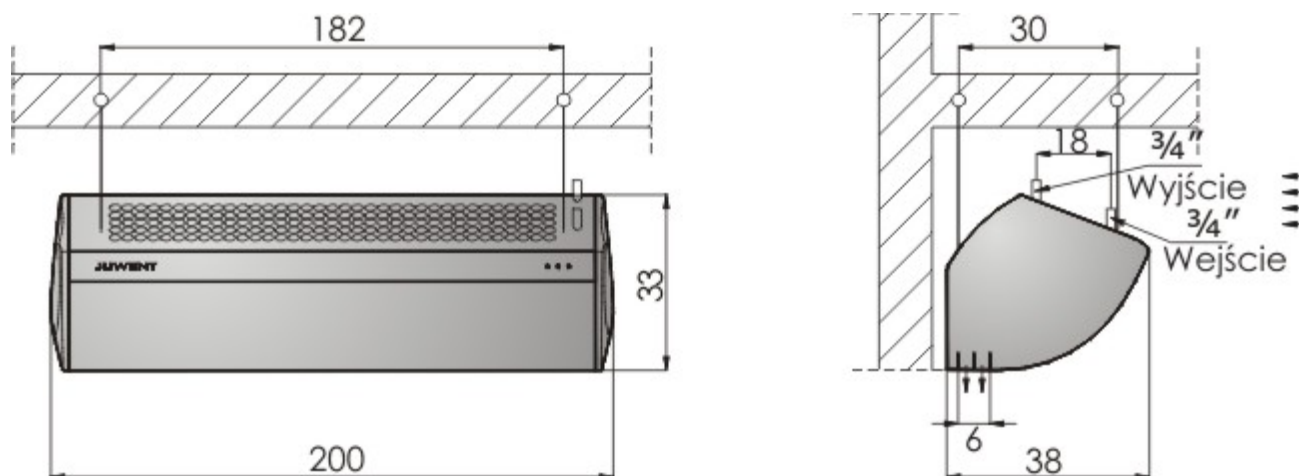


Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,16
Current (A)	0,7
Fan speed (rpm)	1270
Air flow (m <sup>3</sup> /h)	2250

Noise Level (dB(A))	
At a distance of 1 m	64
At a distance of 3 m	60
Weight	
Weight (kg)	39

## SILVER-1-200-W

### DIMENSIONS



Fan Parameters	
Number of fans	4
Voltage (V)	230
Motor power (kW)	0,16
Current (A)	0,7
Fan speed (rpm)	1270

Airflow and Heating Capacity of Water-Heated Air Curtain				
Airflow (m³/h)			3000	
Heating capacity (kW), discharge air temperature (°C) and water pressure drop (kPa)				
Water temperatures (°C)	Entering air temperature (°C)	kW	°C	kPa
90/70	5	27,5	31	5,2
	10	25,1	34	4,3
	15	22,7	37	3,6
80/60	5	22,9	26	3,6
	10	20,6	29	2,9
	15	18,3	33	2,3
70/50	5	18,5	22	2,4
	10	16,3	25	1,8
	15	14,2	29	1,3

<b>60/40</b>	<b>5</b>	14,3	18	1,4
	<b>10</b>	12,1	21	1,0
	<b>15</b>	10,1	25	0,7

<b>Noise Level (dB(A))</b>	
<b>At a distance of 1 m</b>	66
<b>At a distance of 3 m</b>	62
<b>Weight</b>	
<b>Weight (kg)</b>	66

## SILVER-1-200-E

### DIMENSIONS



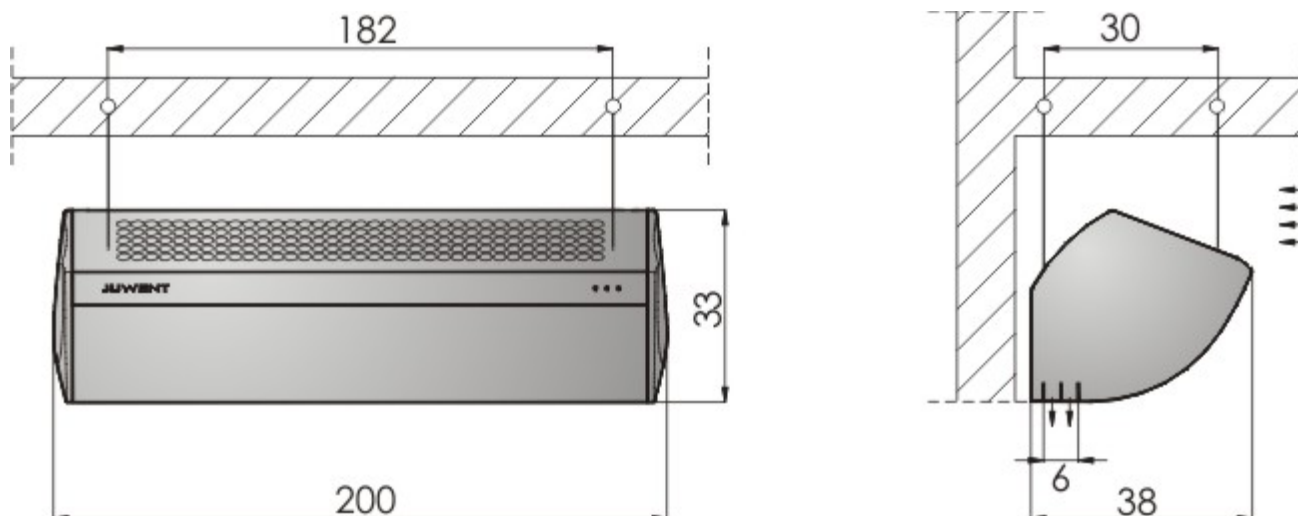
Fan Parameters	
Number of fans	4
Voltage (V)	230
Motor power (kW)	0,16
Current (A)	0,7
Fan speed (rpm)	1270

Airflow and Heating Capacity of Electric-Heated Air Curtain	
Airflow (m <sup>3</sup> /h)	3000
Heating capacity (kW)	12

Noise Level (dB(A))	
At a distance of 1 m	66
At a distance of 3 m	62
Weight	
Weight (kg)	65

## SILVER-1-200-Z

### DIMENSIONS

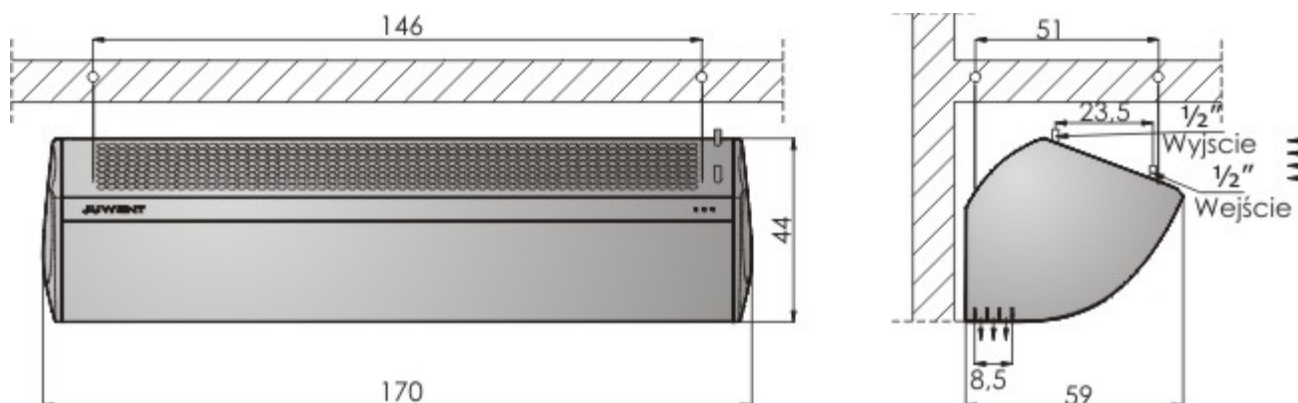


Fan Parameters	
Number of fans	4
Voltage (V)	230
Motor power (kW)	0,16
Current (A)	0,7
Fan speed (rpm)	1270
Airflow (m <sup>3</sup> /h)	3000

Noise Level (dB(A))	
At a distance of 1 m	66
At a distance of 3 m	62
Weight	
Weight (kg)	58

# SILVER-2-170-W

## DIMENSIONS



Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,147
Current (A)	1,55
Fan speed (rpm)	1400

Airflow and Heating Capacity of Water-Heated Air Curtain				
Airflow (m³/h)			3900	
Heating capacity (kW), discharge air temperature (°C) and water pressure drop (kPa)				
Water temperatures (°C)	Entering air temperature (°C)	kW	°C	kPa
90/70	5	34,1	29	1,8
	10	31,0	32	1,4
	15	28,1	35	1,1
80/60	5	28,3	25	1,1
	10	25,5	28	0,9
	15	22,7	31	0,7
70/50	5	22,8	21	0,8
	10	20,1	24	0,6
	15	17,5	27	0,4
60/40	5	17,6	17	0,4
	10	15,0	20	0,3
	15	12,5	24	0,3

Noise Level (dB(A))	
At a distance of 1 m	69
At a distance of 3 m	65
Weight	
Weight (kg)	75



## SILVER-2-170-E

### DIMENSIONS



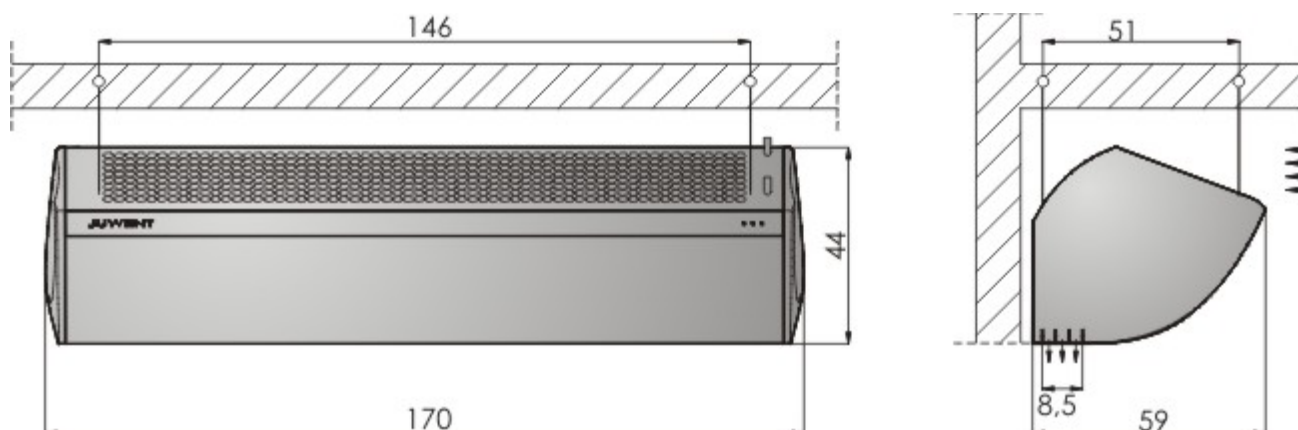
Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,147
Current (A)	1,55
Fan speed (rpm)	1400

Airflow and Heating Capacity of Electric-Heated Air Curtain	
Airflow (m <sup>3</sup> /h)	3900
Heating capacity (kW)	18

Noise Level (dB(A))	
At a distance of 1 m	69
At a distance of 3 m	65
Weight	
Weight (kg)	78

## SILVER-2-170-Z

### DIMENSIONS

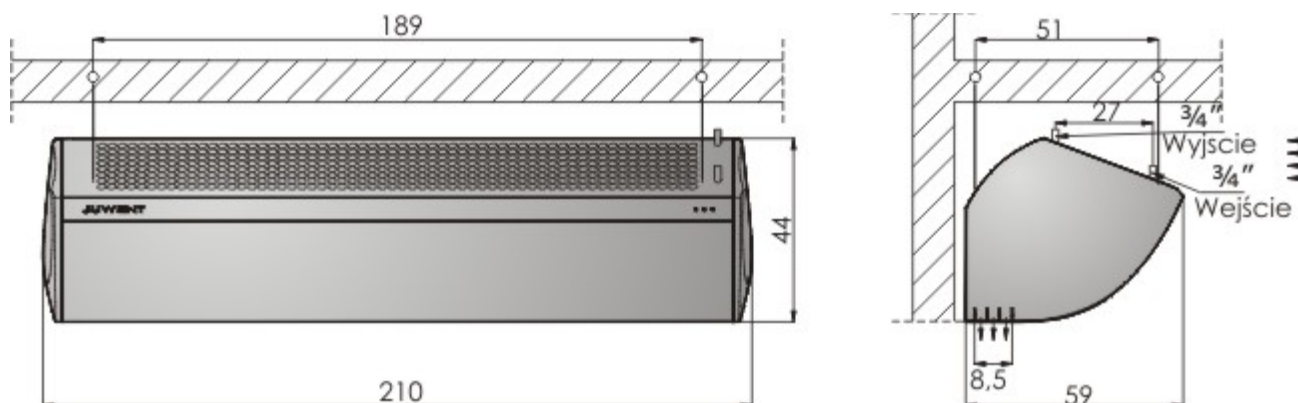


Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,147
Current (A)	1,55
Fan speed (rpm)	1400
Airflow (m <sup>3</sup> /h)	3900

Noise Level (dB(A))	
At a distance of 1 m	69
At a distance of 3 m	65
Weight	
Weight (kg)	89

# SILVER-2-210-W

## DIMENSIONS



Fan Parameters	
Number of fans	4
Voltage (V)	230
Motor power (kW)	0,147
Current (A)	1,55
Fan speed (rpm)	1400

Airflow and Heating Capacity of Water-Heated Air Curtain				
Airflow (m³/h)		4400		
Heating capacity (kW), discharge air temperature (°C) and water pressure drop (kPa)				
Water temperatures (°C)	Entering air temperature (°C)	kW	°C	kPa
90/70	5	43,6	33	5,8
	10	39,8	36	5,1
	15	36,0	39	4,1
80/60	5	36,4	28	4,1
	10	32,7	31	3,3
	15	29,2	34	2,8
70/50	5	29,4	23	2,8
	10	22,9	27	2,0
	15	22,5	30	1,4
60/40	5	22,7	19	1,4
	10	19,4	22	1,1
	15	16,2	25	0,9

Noise Level (dB(A))	
At a distance of 1 m	69
At a distance of 3 m	65
Weight	
Weight (kg)	99

## SILVER-2-210-E

### DIMENSIONS



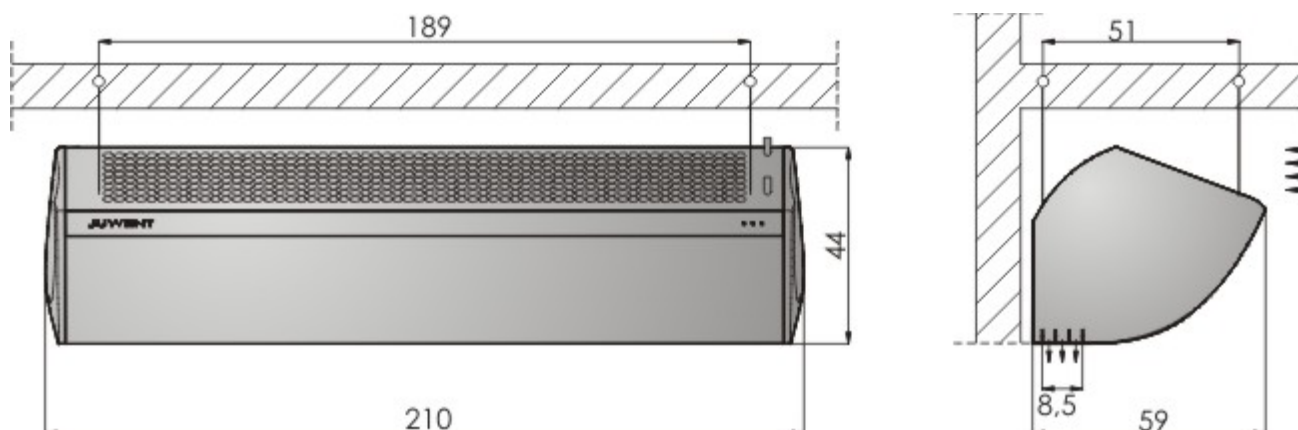
Fan Parameters	
Number of fans	4
Voltage (V)	230
Motor power (kW)	0,147
Current (A)	1,55
Fan speed (rpm)	1400

Airflow and Heating Capacity of Electric-Heated Air Curtain	
Airflow (m <sup>3</sup> /h)	4400
Heating capacity (kW)	24

Noise Level (dB(A))	
At a distance of 1 m	69
At a distance of 3 m	65
Weight	
Weight (kg)	100

## SILVER-2-210-Z

### DIMENSIONS

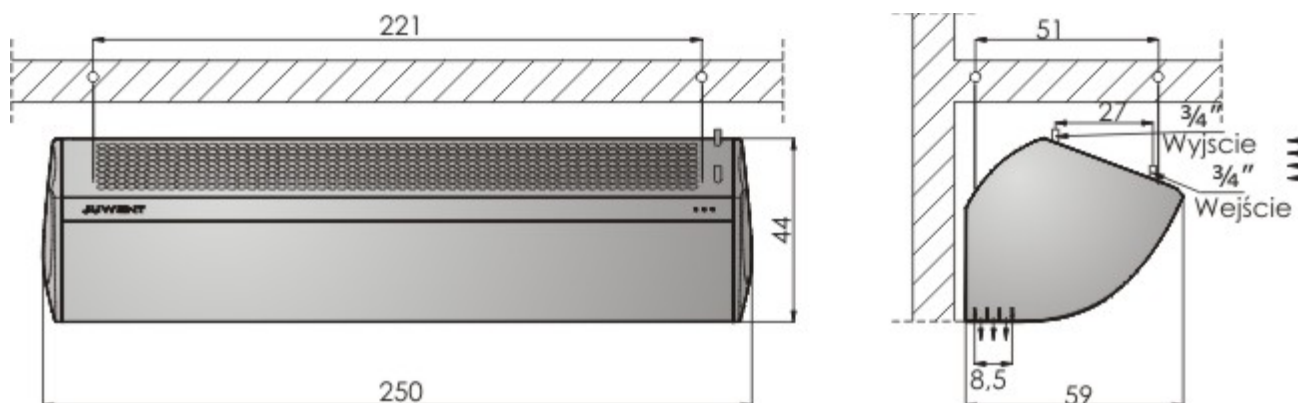


Fan Parameters	
Number of fans	4
Voltage (V)	230
Motor power (kW)	0,147
Current (A)	1,55
Fan speed (rpm)	1400
Airflow (m <sup>3</sup> /h)	4400

Noise Level (dB(A))	
At a distance of 1 m	69
At a distance of 3 m	65
Weight	
Weight (kg)	89

# SILVER-2-250-W

## DIMENSIONS



Fan Parameters	
Number of fans	5
Voltage (V)	230
Motor power (kW)	0,147
Current (A)	1,55
Fan speed (rpm)	1400

Airflow and Heating Capacity of Water-Heated Air Curtain				
Airflow (m³/h)			6500	
Heating capacity (kW), discharge air temperature (°C) and water pressure drop (kPa)				
Water temperatures (°C)	Entering air temperature (°C)	kW	°C	kPa
90/70	5	63,9	32	10,0
	10	59,3	35	7,5
	15	52,8	39	6,8
80/60	5	53,3	28	7,0
	10	47,9	31	5,4
	15	42,7	34	4,5
70/50	5	43,1	23	4,5
	10	38,0	26	3,6
	15	33,0	30	2,2
60/40	5	33,4	19	2,2
	10	28,4	22	1,9
	15	23,8	25	1,4

Noise Level (dB(A))	
At a distance of 1 m	71
At a distance of 3 m	68
Weight	
Weight (kg)	131



## SILVER-2-250-E

### DIMENSIONS



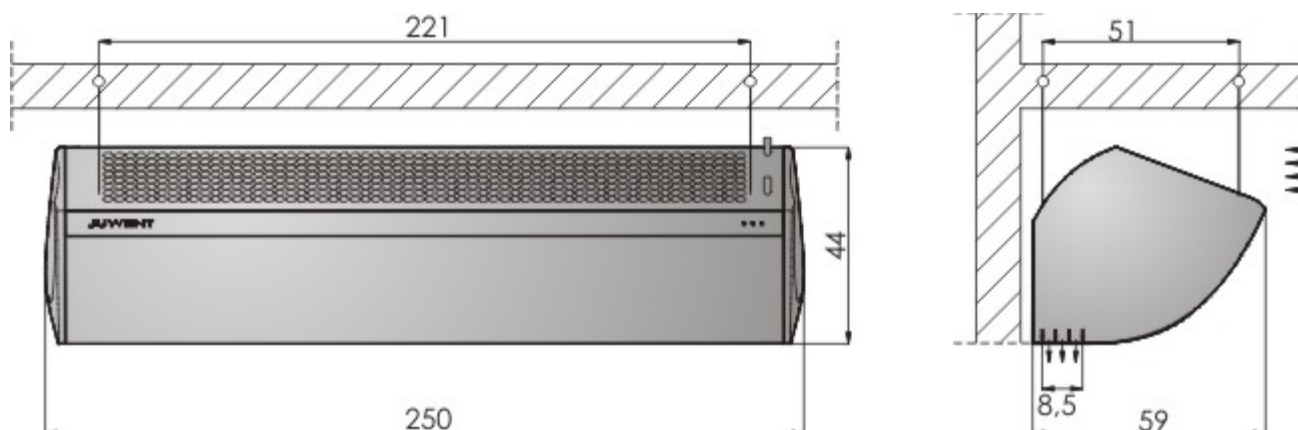
Fan Parameters	
Number of fans	5
Voltage (V)	230
Motor power (kW)	0,147
Current (A)	1,55
Fan speed (rpm)	1400

Airflow and Heating Capacity of Electric-Heated Air Curtain	
Airflow (m <sup>3</sup> /h)	6500
Heating capacity (kW)	30

Noise Level (dB(A))	
At a distance of 1 m	71
At a distance of 3 m	68
Weight	
Weight (kg)	133

## SILVER-2-250-Z

### DIMENSIONS

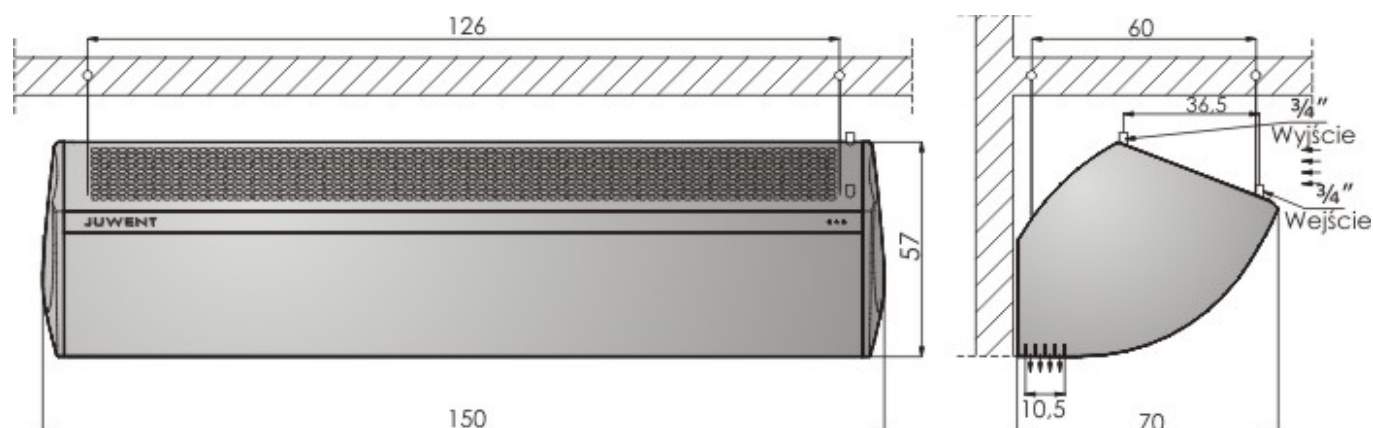


Fan Parameters	
Number of fans	5
Voltage (V)	230
Motor power (kW)	0,147
Current (A)	1,55
Fan speed (rpm)	1400
Airflow (m <sup>3</sup> /h)	6500

Noise Level (dB(A))	
At a distance of 1 m	71
At a distance of 3 m	68
Weight	
Weight (kg)	120

# SILVER-3-150-W

## DIMENSIONS



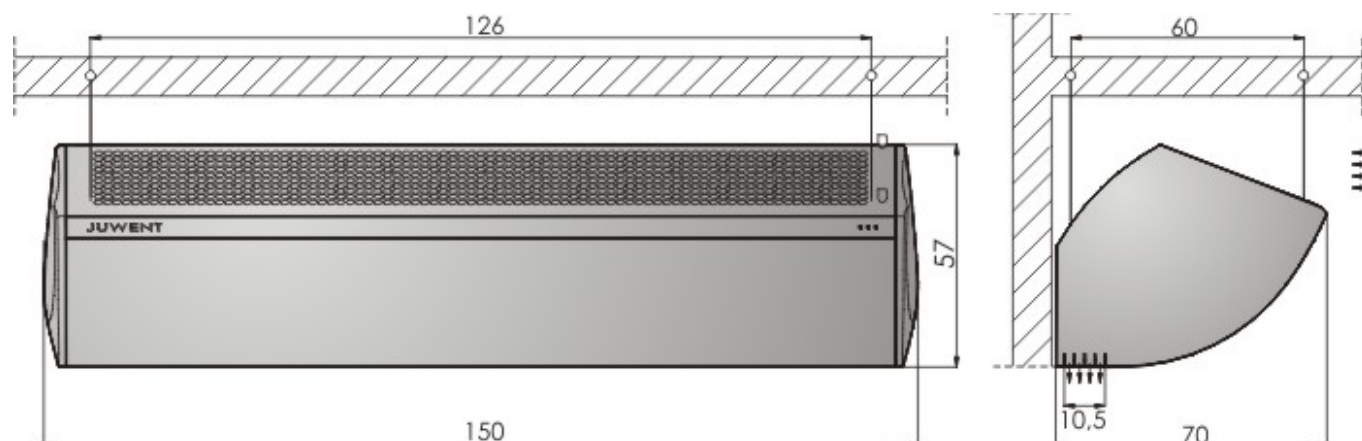
Fan Parameters	
Number of fans	2
Voltage (V)	230
Motor power (kW)	0,45
Current (A)	2,0
Fan speed (rpm)	790

Airflow and Heating Capacity of Water-Heated Air Curtain				
Airflow (m³/h)			5400	
Heating capacity (kW), discharge air temperature (°C) and water pressure drop (kPa)				
Water temperatures (°C)	Entering air temperature (°C)	kW	°C	kPa
90/70	5	43,9	28	2,7
	10	41,0	34	2,3
	15	36,3	34	1,8
80/60	5	36,5	24	1,9
	10	32,8	27	1,5
	15	29,2	30	1,2
70/50	5	29,4	20	1,2
	10	25,9	23	0,9
	15	22,5	27	0,7
60/40	5	22,6	17	0,7
	10	19,3	20	0,5
	15	16,1	23	0,4

Noise Level (dB(A))	
At a distance of 1 m	71
At a distance of 3 m	61
Weight	
Weight (kg)	91

## SILVER-3-150-E

### DIMENSIONS



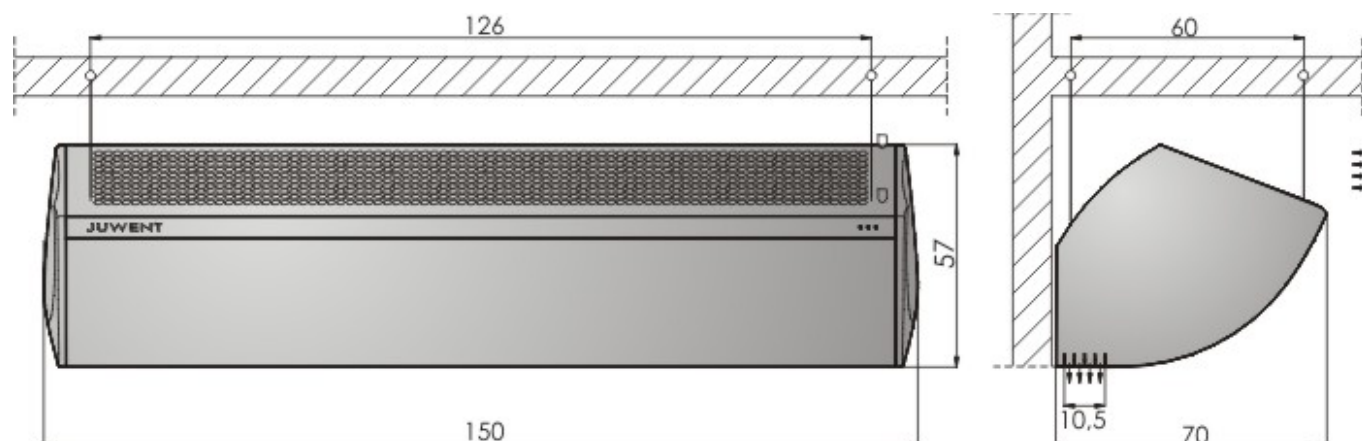
Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,45
Current (A)	2,0
Fan speed (rpm)	790

Airflow and Heating Capacity of Electric-Heated Air Curtain	
Airflow (m <sup>3</sup> /h)	5400
Heating capacity (kW)	18

Noise Level (dB(A))	
At a distance of 1 m	71
At a distance of 3 m	61
Weight	
Weight (kg)	92

## SILVER-3-150-Z

### DIMENSIONS

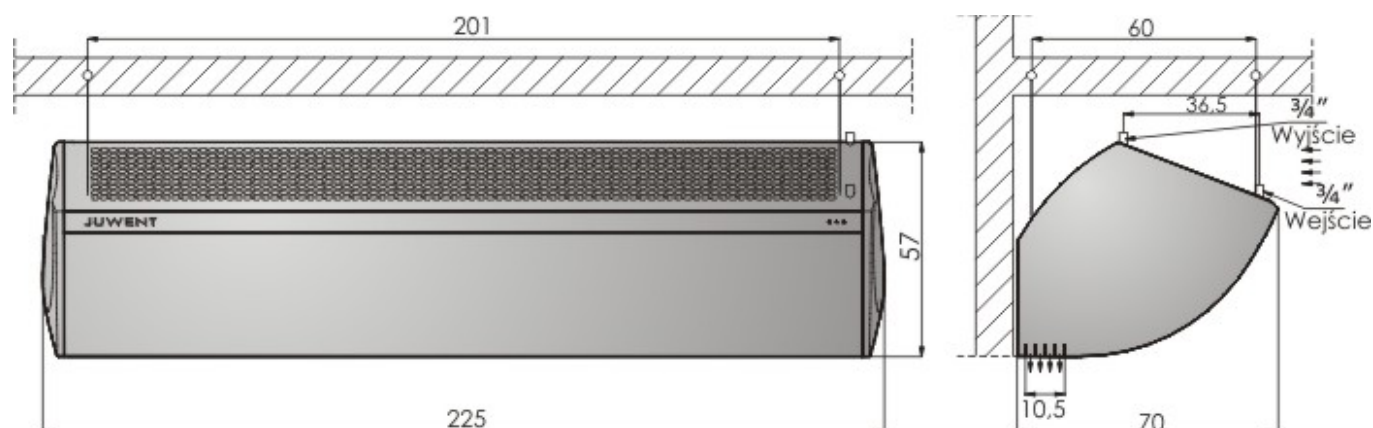


Fan Parameters	
Number of fans	2
Voltage (V)	230
Motor power (kW)	0,45
Current (A)	2,0
Fan speed (rpm)	790
Airflow (m <sup>3</sup> /h)	5400

Noise Level (dB(A))	
At a distance of 1 m	72
At a distance of 3 m	61
Weight	
Weight (kg)	82

# SILVER-3-225-W

## DIMENSIONS



Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,45
Current (A)	2,0
Fan speed (rpm)	790

Airflow and Heating Capacity of Water-Heated Air Curtain				
Airflow (m³/h)			8100	
Heating capacity (kW), discharge air temperature (°C) and water pressure drop (kPa)				
Water temperatures (°C)	Entering air temperature (°C)	kW	°C	kPa
90/70	5	73,7	30	11,5
	10	67,3	33	10,1
	15	60,9	37	7,0
80/60	5	61,4	26	7,1
	10	55,2	29	6,4
	15	49,2	32	5,1
70/50	5	49,6	22	5,1
	10	43,7	25	4,0
	15	38,0	28	3,0
60/40	5	38,3	18	3,1
	10	32,7	21	2,2
	15	27,3	24	1,5

Noise Level (dB(A))	
At a distance of 1 m	64
At a distance of 3 m	60
Weight	
Weight (kg)	34



## SILVER-3-225-E

### DIMENSIONS



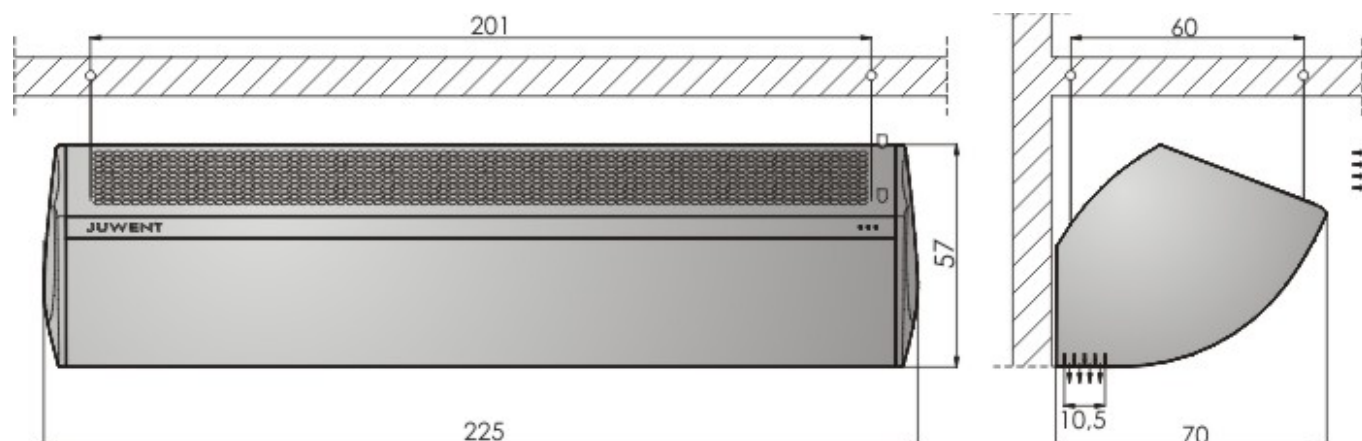
Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,45
Current (A)	2,0
Fan speed (rpm)	790

Airflow and Heating Capacity of Electric-Heated Air Curtain	
Airflow (m <sup>3</sup> /h)	8100
Heating capacity (kW)	27

Noise Level (dB(A))	
At a distance of 1 m	72
At a distance of 3 m	68
Curtain weight	
Weight [kg]	143

## SILVER-3-225-Z

### DIMENSIONS

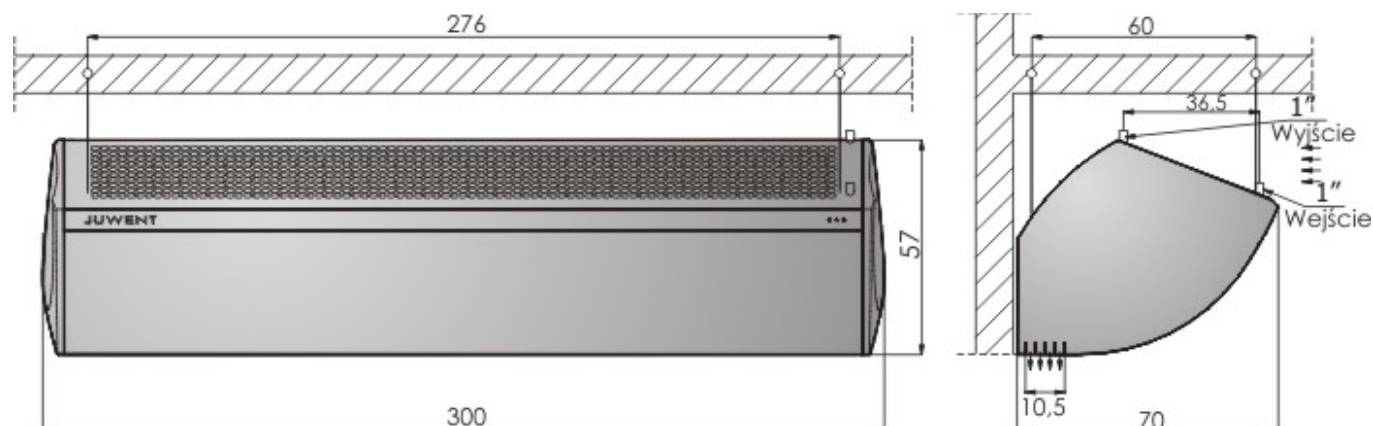


Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,45
Current (A)	2,0
Fan speed (rpm)	790
Airflow (m <sup>3</sup> /h)	8100

Noise Level (dB(A))	
At a distance of 1 m	72
At a distance of 3 m	68
Weight	
Weight (kg)	

# SILVER-3-300-W

## DIMENSIONS



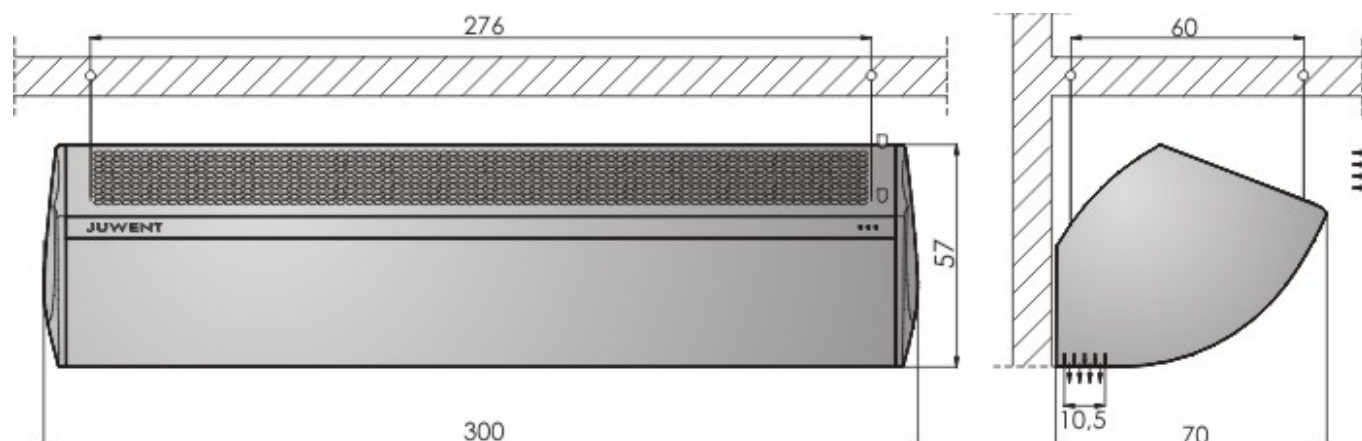
Fan Parameters	
Number of fans	3
Voltage (V)	230
Motor power (kW)	0,45
Current (A)	2,0
Fan speed (rpm)	790

Airflow and Heating Capacity of Water-Heated Air Curtain				
Airflow (m³/h)			10800	
Heating capacity (kW), discharge air temperature (°C) and water pressure drop (kPa)				
Water temperatures (°C)	Entering air temperature (°C)	kW	°C	kPa
90/70	5	106,2	32	26,0
	10	96,9	35	22,0
	15	87,8	38	18,2
80/60	5	88,6	28	18,4
	10	79,2	31	15,0
	15	71,1	34	11,9
70/50	5	71,7	23	12,1
	10	63,2	26	9,4
	15	54,9	30	7,1
60/40	5	55,4	19	7,1
	10	47,3	22	5,2
	15	39,5	25	3,8

Noise Level (dB(A))	
At a distance of 1 m	73
At a distance of 3 m	69
Weight	
Weight (kg)	181

## SILVER-3-300-E

### DIMENSIONS



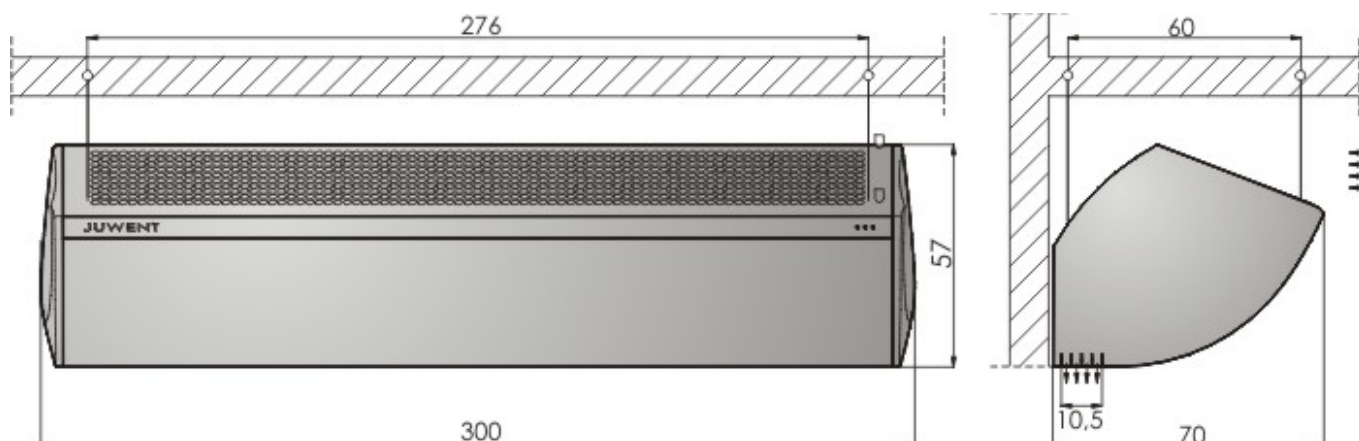
Fan Parameters	
Number of fans	4
Voltage (V)	230
Motor power (kW)	0,45
Current (A)	2,0
Fan speed (rpm)	790

Airflow and Heating Capacity of Electric-Heated Air Curtain	
Airflow (m <sup>3</sup> /h)	10800
Heating capacity (kW)	36

Noise Level (dB(A))	
At a distance of 1 m	73
At a distance of 3 m	69
Weight	
Weight (kg)	184

## SILVER-3-300-Z

### DIMENSIONS



Fan Parameters	
Number of fans	4
Voltage (V)	230
Motor power (kW)	0,45
Current (A)	2,0
Fan speed (rpm)	790
Airflow (m <sup>3</sup> /h)	10800

Noise Level (dB(A))	
At a distance of 1 m	73
At a distance of 3 m	69
Weight	
Weight (kg)	162