



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

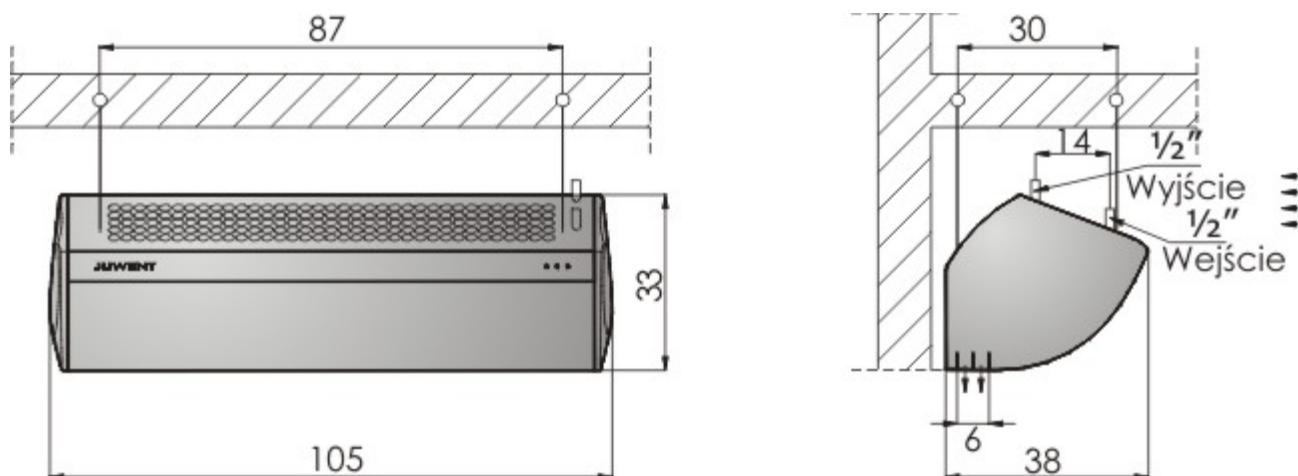
- Available in left-hand or right-hand configurations to suit entrance layout requirements

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



Parameters of fans in curtains	
Number of fans	2
Voltage [V]	230
Motor power [kW]	0,16
Current [A]	0,7
Revolutions [rpm]	1270

Air flow of the curtains with the water heater				
Air flow [m³/h]		1500		
Thermal power [kW], outflow air temperature [oC] and resistance of water flow [kPa]				
Water temp. [°C]	Inflow air temp. [°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

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

Operational noise level [dB(A)]	
From distance of 1m	64
From distance of 3m	60
Curtain weight	
Weight [kg]	34

SILVER-1-105-E

DIMENSIONS



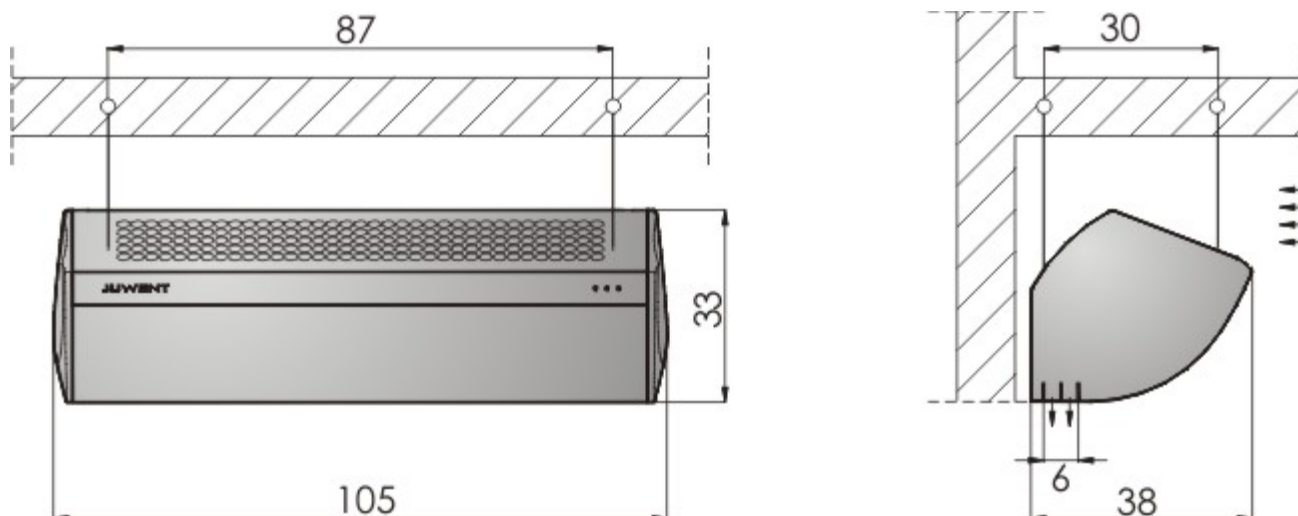
Parameters of fans in curtain	
Number of fans	2
Voltage [V]	230
Motor power [kW]	0,16
Current [A]	0,7
Revolutions [rpm]	1270

Thermal power and air flow of the curtain with the electric heaters	
Air flow [m ³ /h]	1500
Thermal power levels [kW]	6

Operational noise level [dB(A)]	
From distance of 1m	64
From distance of 3m	60
Curtain weight	
Weight [kg]	35

SILVER-1-105-Z

DIMENSIONS

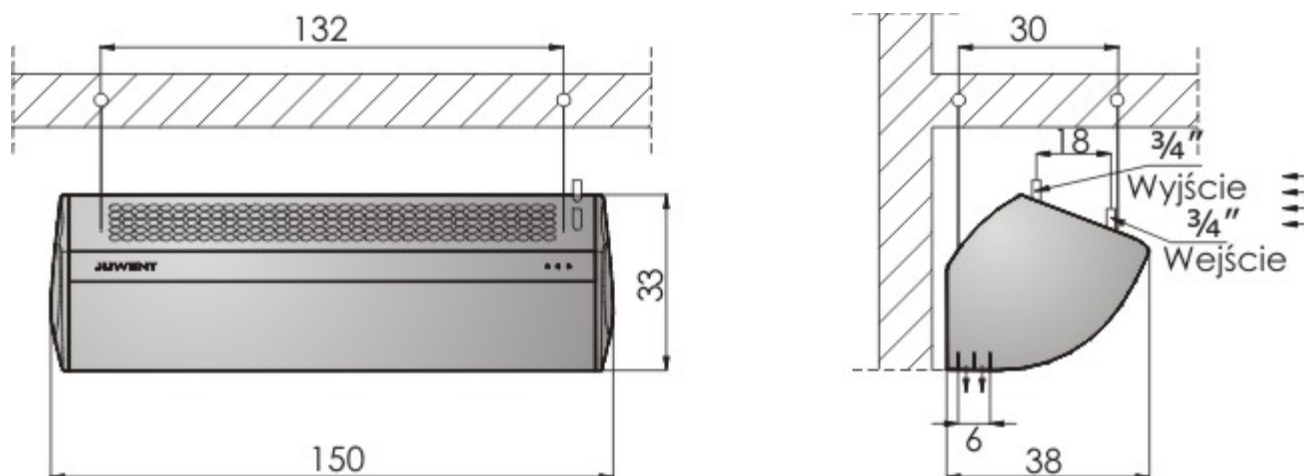


Parameters of fans in curtain	
Number of fans	2
Voltage [V]	230
Motor power [kW]	0,16
Current [A]	0,7
Revolutions [rpm]	1270
Air flow [m ³ /h]	1500

Operational noise level [dB(A)]	
From distance of 1m	64
From distance of 3m	60
Curtain weight	
Weight [kg]	31

SILVER-1-150-W

DIMENSIONS



Parameters of fans in curtains	
Number of fans	2
Voltage [V]	230
Motor power [kW]	0,130
Current [A]	0,60
Revolutions [rpm]	1270

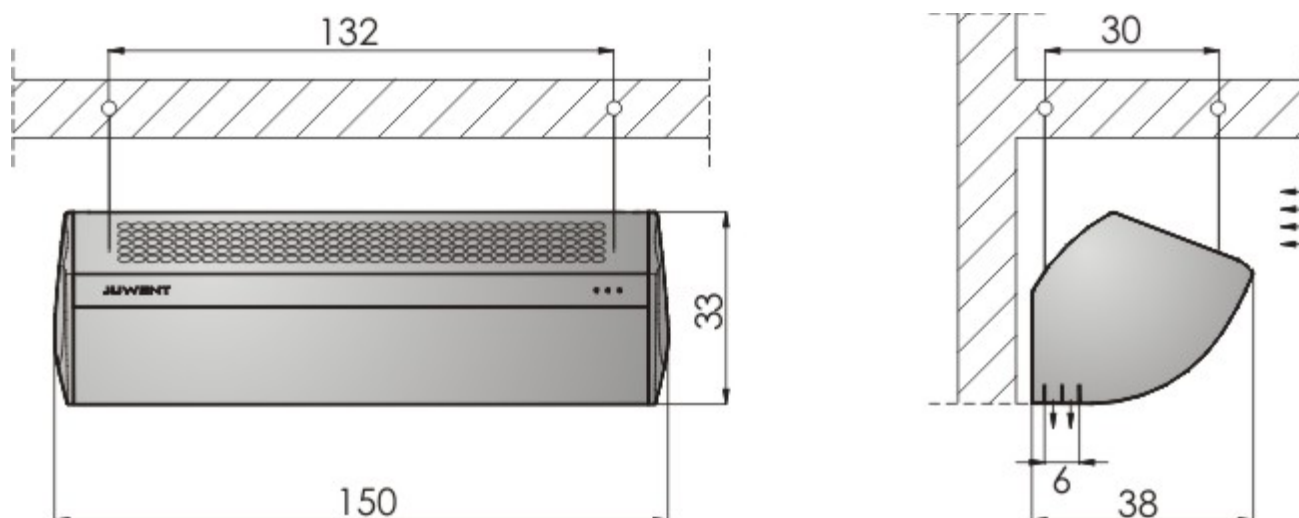
Air flow of the curtains with the water heater				
Air flow [m³/h]			2250	
Thermal power [kW], outflow air temperature [oC] and resistance of water flow [kPa]				
Water temp. [°C]	Inflow air temp. [°C]	kW	°C	kPa
90/70	5	20,6	32	2,7
	10	19,0	34	2,2
	15	17,2	37	1,8
80/60	5	17,2	27	1,8
	10	15,6	30	1,5
	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

Operational noise level [dB(A)]	
From distance of 1m	64
From distance of 3m	60
Curtain weight	
Weight [kg]	45

SILVER-1-150-E

DIMENSIONS



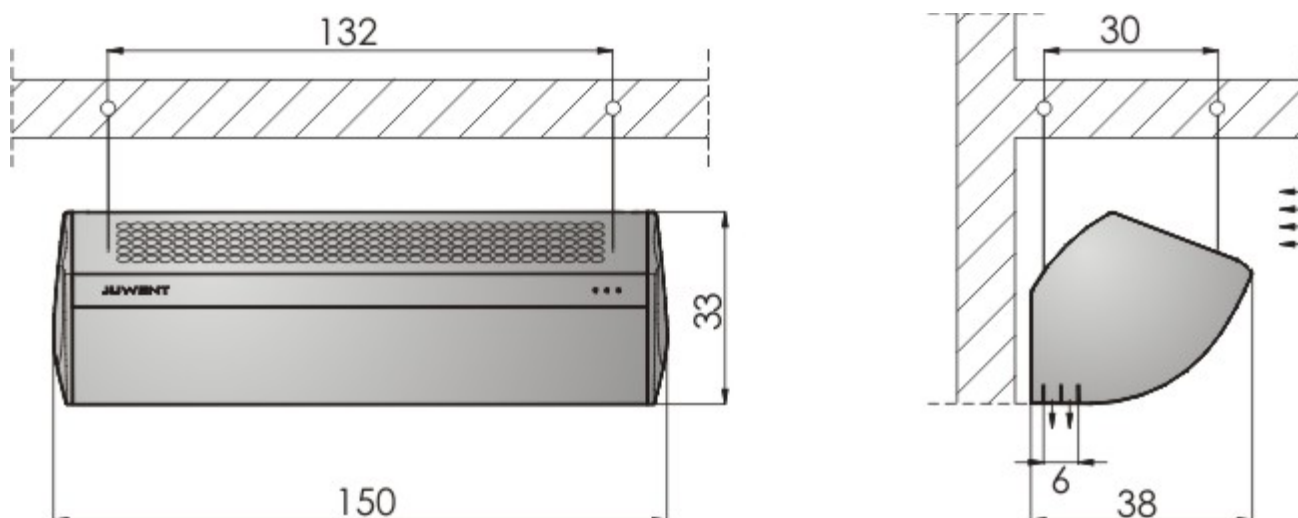
Parameters of fans in curtain	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,16
Current [A]	0,7
Revolutions [rpm]	1270

Thermal power and air flow of the curtain with the electric heaters	
Air flow [m ³ /h]	9
Thermal power levels [kW]	2250

Operational noise level [dB(A)]	
From distance of 1m	64
From distance of 3m	60
Curtain weight	
Weight [kg]	45

SILVER-1-150-Z

DIMENSIONS

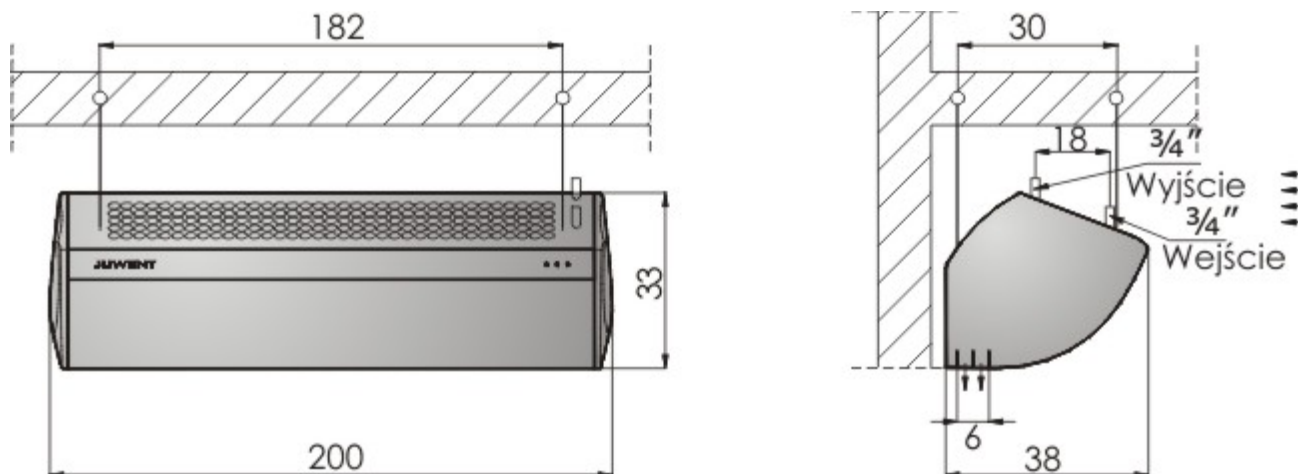


Parameters of fans in curtain	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,16
Current [A]	0,7
Revolutions [rpm]	1270
Air flow [m ³ /h]	2250

Operational noise level [dB(A)]	
From distance of 1m	64
From distance of 3m	60
Curtain weight	
Weight [kg]	39

SILVER-1-200-W

DIMENSIONS



Parameters of fans in curtains	
Number of fans	4
Voltage [V]	230
Motor power [kW]	0,16
Current [A]	0,7
Revolutions [rpm]	1270

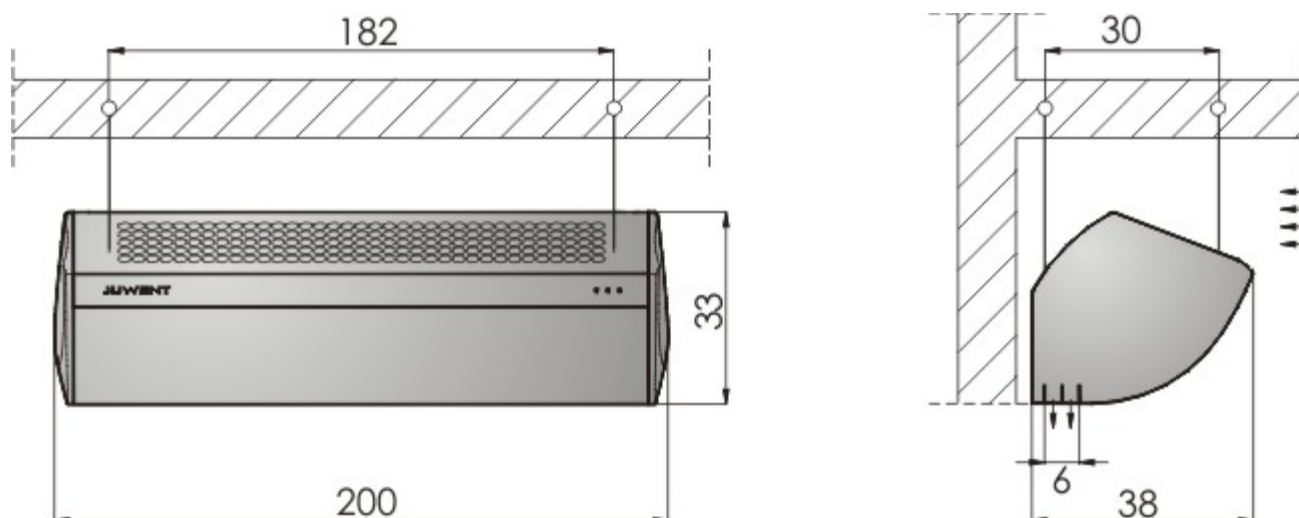
Air flow of the curtains with the water heater				
Air flow [m³/h]			3000	
Thermal power [kW], outflow air temperature [°C] and resistance of water flow [kPa]				
Water temp. [°C]	Inflow air temp. [°C]	kW	°C	kPa
90/70	5	27,5	31	5,2
	10	25,1	34	4,3
	15	22,7	37	3,6
80/60	5	22,9	26	3,6
	10	20,6	29	2,9
	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

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

Operational noise level [dB(A)]	
From distance of 1m	66
From distance of 3m	62
Curtain weight	
Weight [kg]	66

SILVER-1-200-E

DIMENSIONS



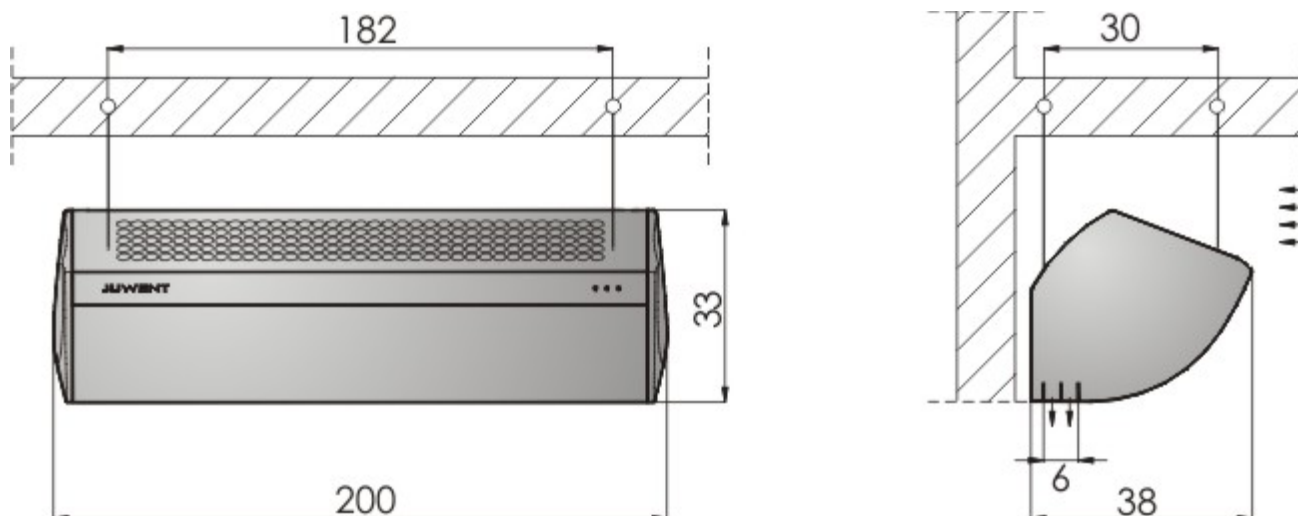
Parameters of fans in curtain	
Number of fans	4
Voltage [V]	230
Motor power [kW]	0,16
Current [A]	0,7
Revolutions [rpm]	1270

Thermal power and air flow of the curtain with the electric heaters	
Air flow [m ³ /h]	3000
Thermal power levels [kW]	12

Operational noise level [dB(A)]	
From distance of 1m	66
From distance of 3m	62
Curtain weight	
Weight [kg]	65

SILVER-1-200-Z

DIMENSIONS

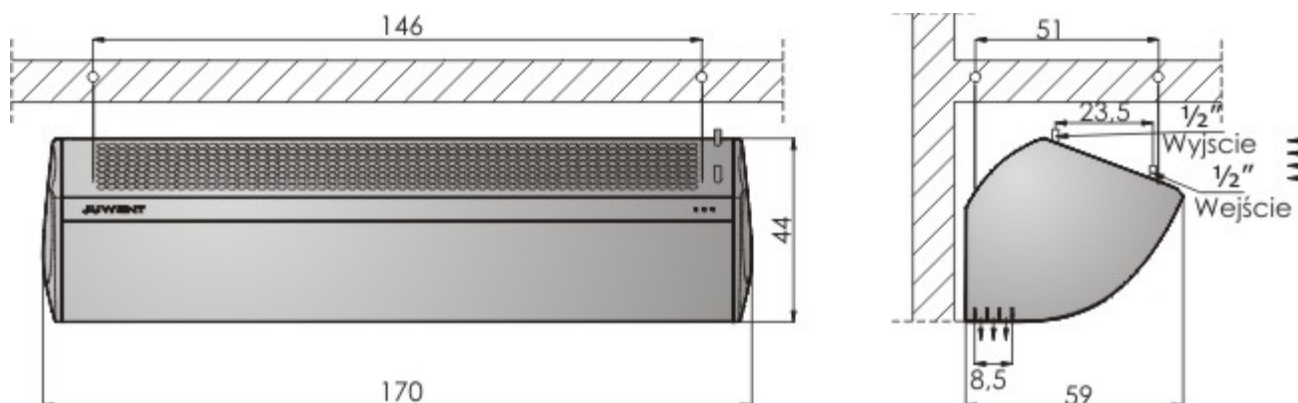


Parameters of fans in curtain	
Number of fans	4
Voltage [V]	230
Motor power [kW]	0,16
Current [A]	0,7
Revolutions [rpm]	1270
Air flow [m ³ /h]	3000

Operational noise level [dB(A)]	
From distance of 1m	66
From distance of 3m	62
Curtain weight	
Weight [kg]	58

SILVER-2-170-W

DIMENSIONS



Parameters of fans in curtains	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,147
Current [A]	1,55
Revolutions [rpm]	1400

Air flow of the curtains with the water heater				
Air flow [m³/h]			3900	
Thermal power [kW], outflow air temperature [oC] and resistance of water flow [kPa]				
Water temp. [°C]	Inflow air temp. [°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

Operational noise level [dB(A)]	
From distance of 1m	69
From distance of 3m	65
Curtain weight	
Weight [kg]	75

SILVER-2-170-E

DIMENSIONS



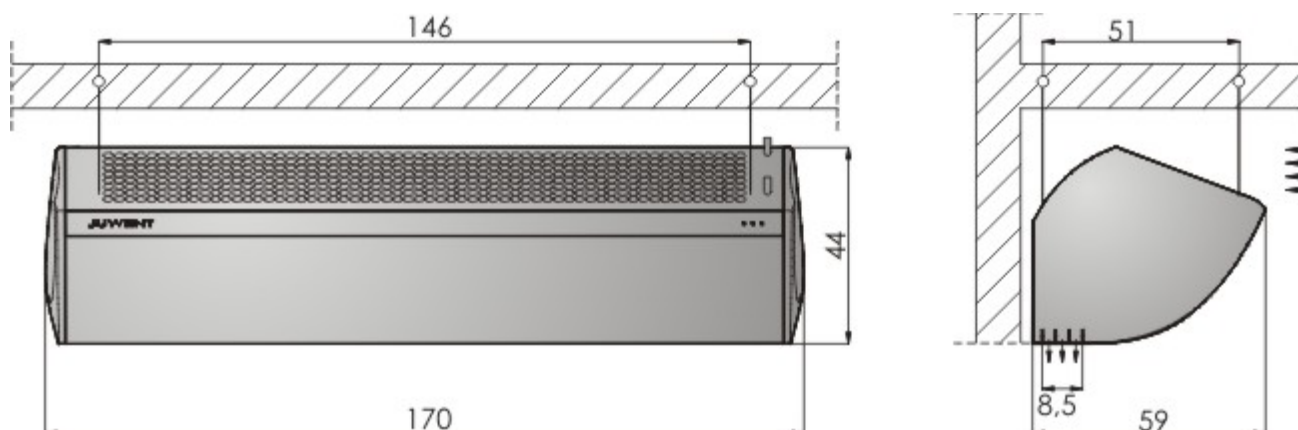
Parameters of fans in curtain	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,147
Current [A]	1,55
Revolutions [rpm]	1400

Thermal power and air flow of the curtain with the electric heaters	
Air flow [m ³ /h]	3900
Thermal power levels [kW]	18

Operational noise level [dB(A)]	
From distance of 1m	69
From distance of 3m	65
Curtain weight	
Weight [kg]	78

SILVER-2-170-Z

DIMENSIONS

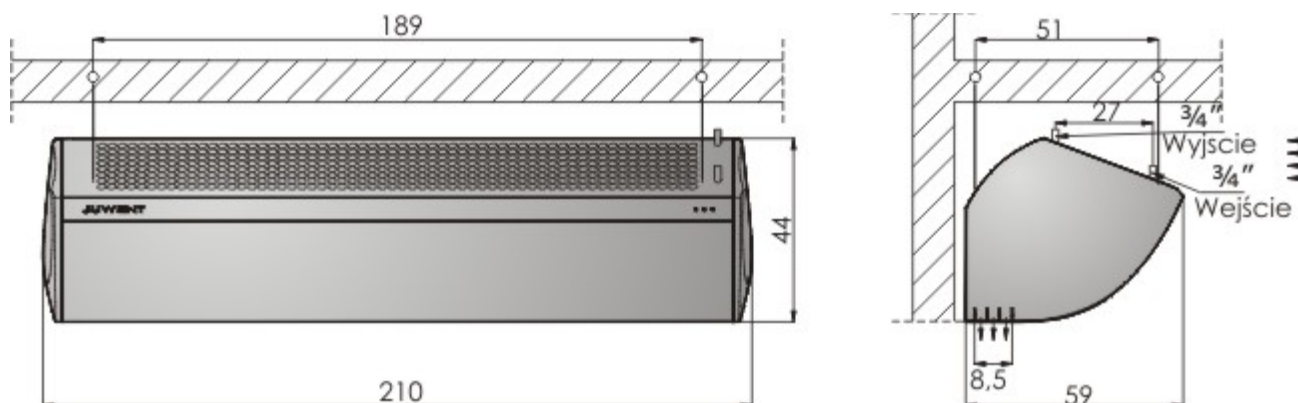


Parameters of fans in curtain	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,147
Current [A]	1,55
Revolutions [rpm]	1400
Air flow [m ³ /h]	3900

Operational noise level [dB(A)]	
From distance of 1m	69
From distance of 3m	65
Curtain weight	
Weight [kg]	89

SILVER-2-210-W

DIMENSIONS



Parameters of fans in curtains	
Number of fans	4
Voltage [V]	230
Motor power [kW]	0,147
Current [A]	1,55
Revolutions [rpm]	1400

Air flow of the curtains with the water heater				
Air flow [m³/h]			4400	
Thermal power [kW], outflow air temperature [oC] and resistance of water flow [kPa]				
Water temp. [°C]	Inflow air temp. [°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

Operational noise level [dB(A)]	
From distance of 1m	69
From distance of 3m	65
Curtain weight	
Weight [kg]	99

SILVER-2-210-E

DIMENSIONS



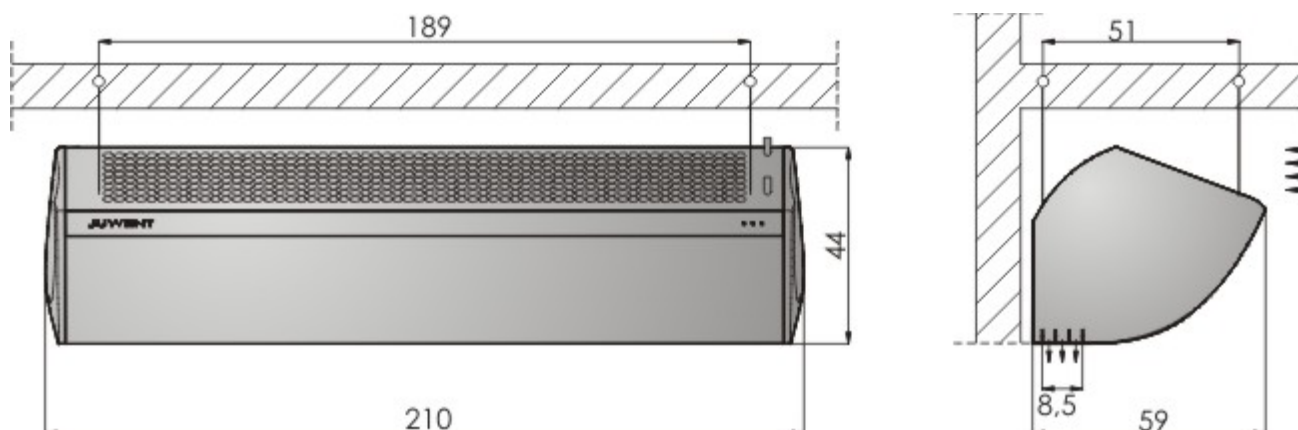
Parameters of fans in curtain	
Number of fans	4
Voltage [V]	230
Motor power [kW]	0,147
Current [A]	1,55
Revolutions [rpm]	1400

Thermal power and air flow of the curtain with the electric heaters	
Air flow [m ³ /h]	4400
Thermal power levels [kW]	24

Operational noise level [dB(A)]	
From distance of 1m	69
From distance of 3m	65
Curtain weight	
Weight [kg]	100

SILVER-2-210-Z

DIMENSIONS

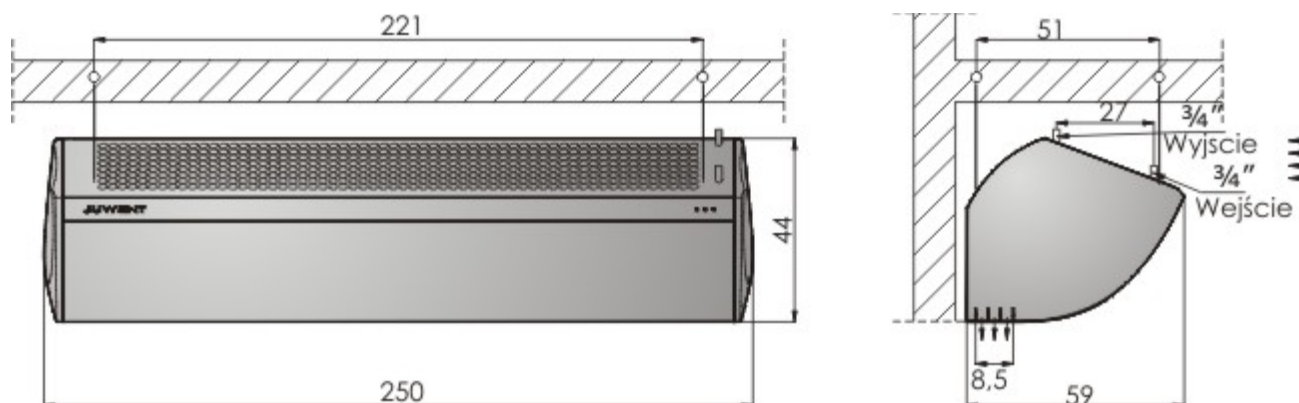


Parameters of fans in curtain	
Number of fans	4
Voltage [V]	230
Motor power [kW]	0,147
Current [A]	1,55
Revolutions [rpm]	1400
Air flow [m ³ /h]	4400

Operational noise level [dB(A)]	
From distance of 1m	69
From distance of 3m	65
Curtain weight	
Weight [kg]	89

SILVER-2-250-W

DIMENSIONS



Parameters of fans in curtains	
Number of fans	5
Voltage [V]	230
Motor power [kW]	0,147
Current [A]	1,55
Revolutions [rpm]	1400

Air flow of the curtains with the water heater				
Air flow [m³/h]			6500	
Thermal power [kW], outflow air temperature [oC] and resistance of water flow [kPa]				
Water temp. [°C]	Inflow air temp. [°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

Operational noise level [dB(A)]	
From distance of 1m	71
From distance of 3m	68
Curtain weight	
Weight [kg]	131

SILVER-2-250-E

DIMENSIONS



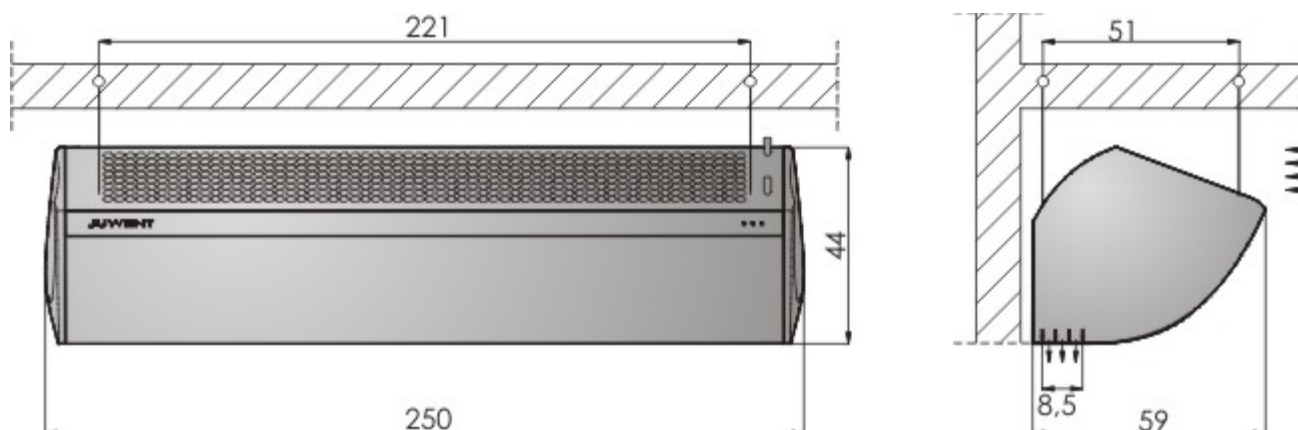
Parameters of fans in curtain	
Number of fans	5
Voltage [V]	230
Motor power [kW]	0,147
Current [A]	1,55
Revolutions [rpm]	1400

Thermal power and air flow of the curtain with the electric heaters	
Air flow [m ³ /h]	6500
Thermal power levels [kW]	30

Operational noise level [dB(A)]	
From distance of 1m	71
From distance of 3m	68
Curtain weight	
Weight [kg]	133

SILVER-2-250-Z

DIMENSIONS

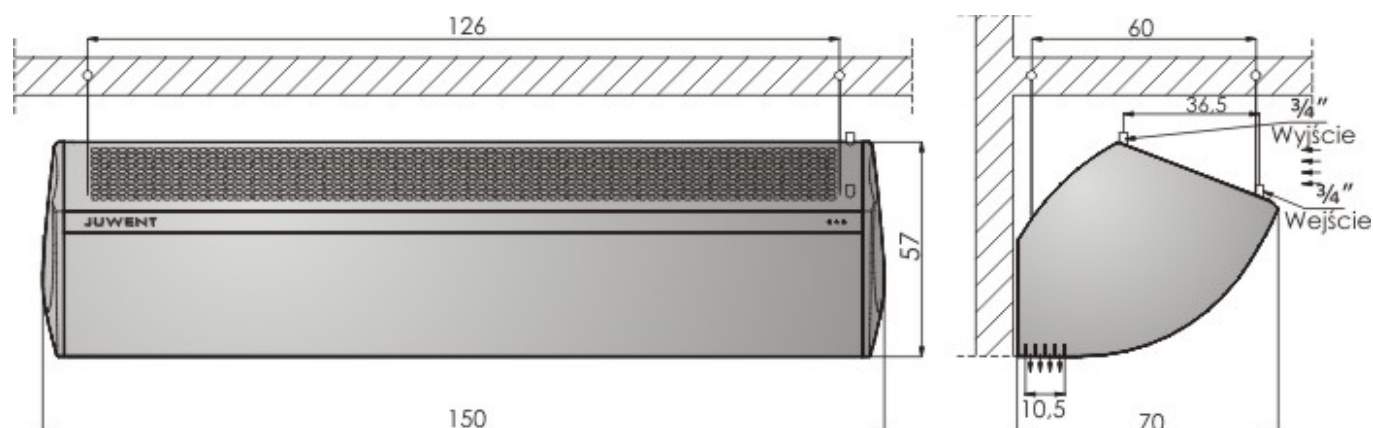


Parameters of fans in curtain	
Number of fans	5
Voltage [V]	230
Motor power [kW]	0,147
Current [A]	1,55
Revolutions [rpm]	1400
Air flow [m ³ /h]	6500

Operational noise level [dB(A)]	
From distance of 1m	71
From distance of 3m	68
Curtain weight	
Weight [kg]	120

SILVER-3-150-W

DIMENSIONS



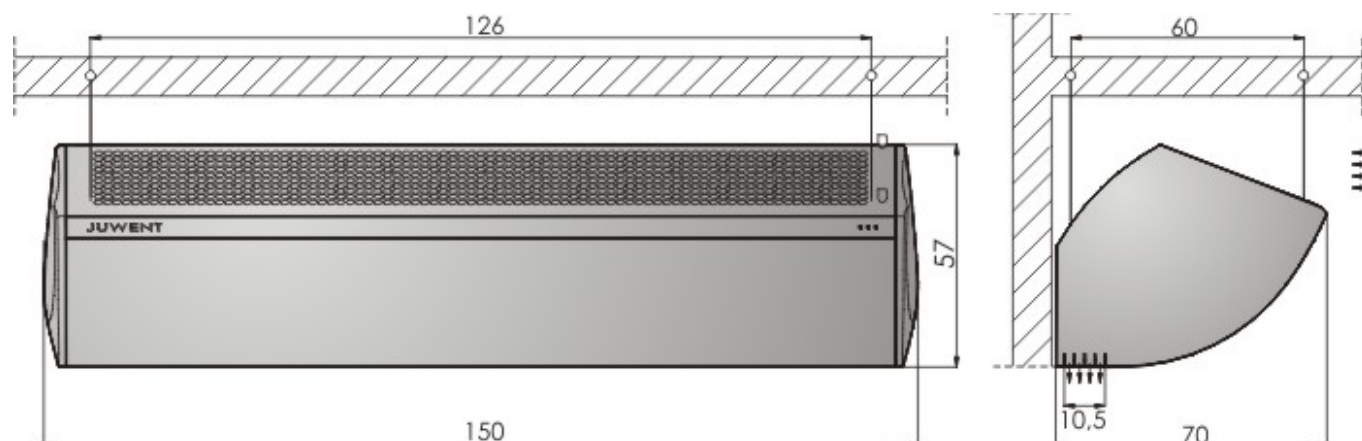
Parameters of fans in curtains	
Number of fans	2
Voltage [V]	230
Motor power [kW]	0,45
Current [A]	2,0
Revolutions [rpm]	790

Air flow of the curtains with the water heater				
Air flow [m³/h]			5400	
Thermal power [kW], outflow air temperature [oC] and resistance of water flow [kPa]				
Water temp. [°C]	Inflow air temp. [°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

Operational noise level [dB(A)]	
From distance of 1m	71
From distance of 3m	61
Curtain weight	
Weight [kg]	91

SILVER-3-150-E

DIMENSIONS



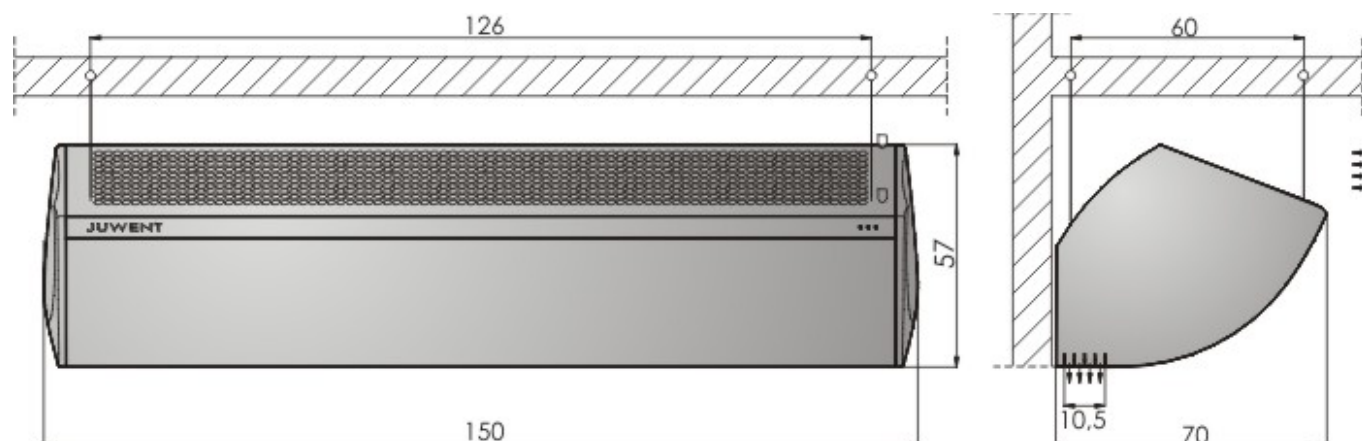
Parameters of fans in curtain	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,45
Current [A]	2,0
Revolutions [rpm]	790

Thermal power and air flow of the curtain with the electric heaters	
Air flow [m ³ /h]	5400
Thermal power levels [kW]	18

Operational noise level [dB(A)]	
From distance of 1m	71
From distance of 3m	61
Curtain weight	
Weight [kg]	92

SILVER-3-150-Z

DIMENSIONS

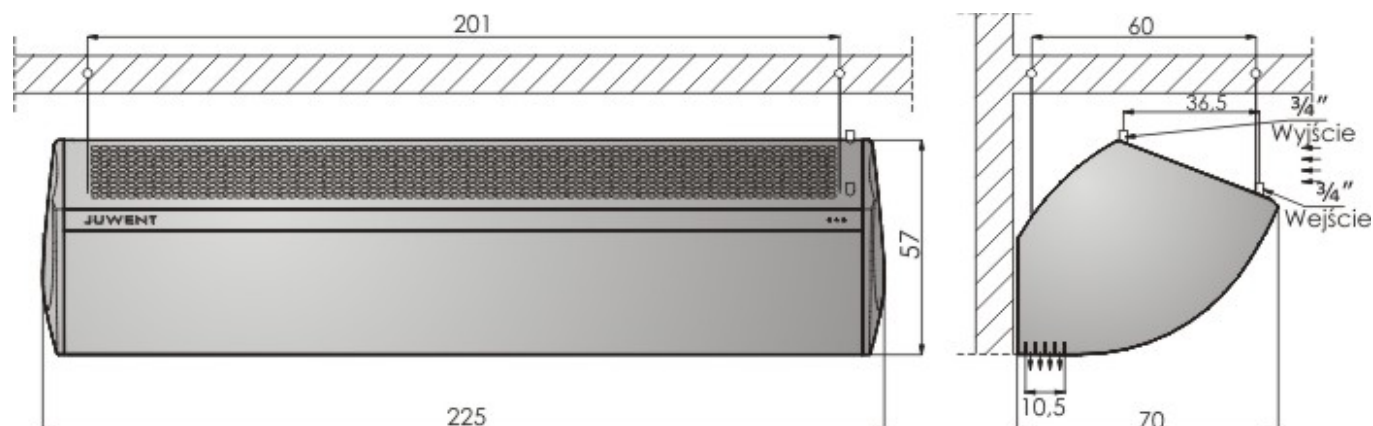


Parameters of fans in curtain	
Number of fans	2
Voltage [V]	230
Motor power [kW]	0,45
Current [A]	2,0
Revolutions [rpm]	790
Air flow [m ³ /h]	5400

Operational noise level [dB(A)]	
From distance of 1m	72
From distance of 3m	61
Curtain weight	
Weight [kg]	82

SILVER-3-225-W

DIMENSIONS



Parameters of fans in curtains	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,45
Current [A]	2,0
Revolutions [rpm]	790

Air flow of the curtains with the water heater				
Air flow [m³/h]			8100	
Thermal power [kW], outflow air temperature [oC] and resistance of water flow [kPa]				
Water temp. [°C]	Inflow air temp. [°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

Operational noise level [dB(A)]	
From distance of 1m	64
From distance of 3m	60
Curtain weight	
Weight [kg]	34

SILVER-3-225-E

DIMENSIONS



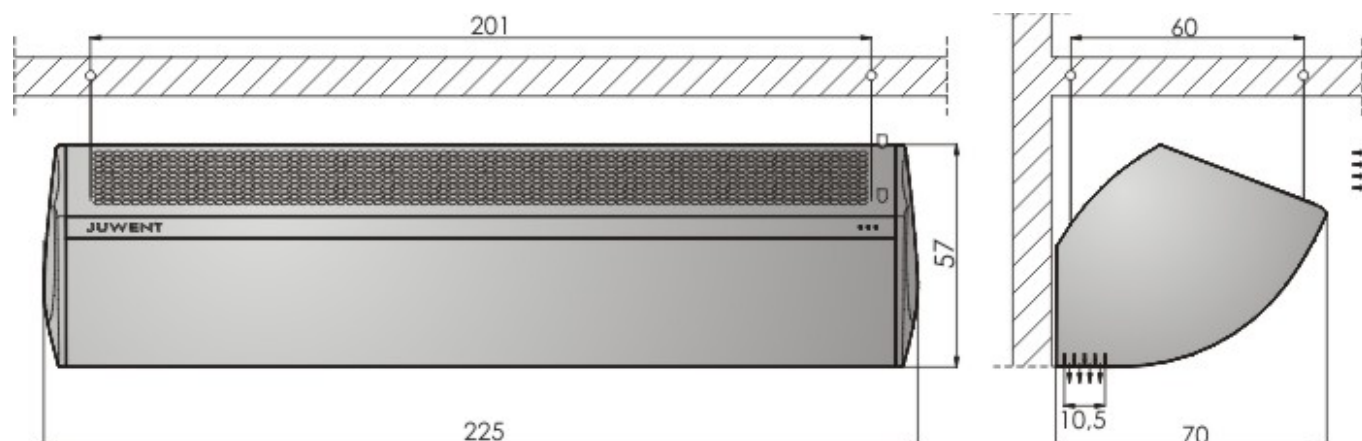
Parameters of fans in curtain	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,45
Current [A]	2,0
Revolutions [rpm]	790

Thermal power and air flow of the curtain with the electric heaters	
Air flow [m ³ /h]	8100
Thermal power levels [kW]	27

Operational noise level [dB(A)]	
From distance of 1m	72
From distance of 3m	68
Curtain weight	
Weight [kg]	143

SILVER-3-225-Z

DIMENSIONS

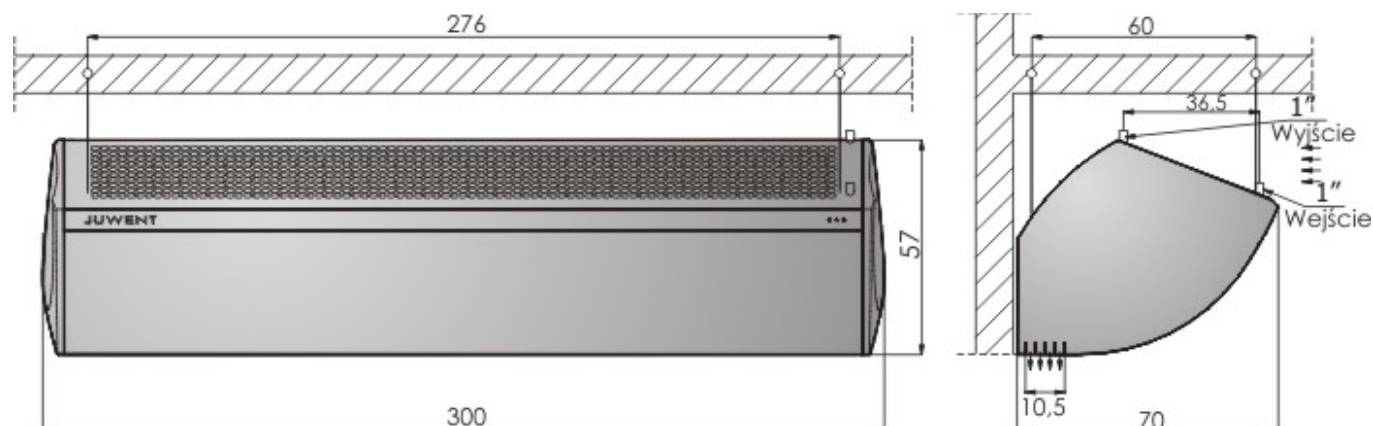


Parameters of fans in curtain	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,45
Current [A]	2,0
Revolutions [rpm]	790
Air flow [m ³ /h]	8100

Operational noise level [dB(A)]	
From distance of 1m	72
From distance of 3m	68
Curtain weight	
Weight [kg]	

SILVER-3-300-W

DIMENSIONS



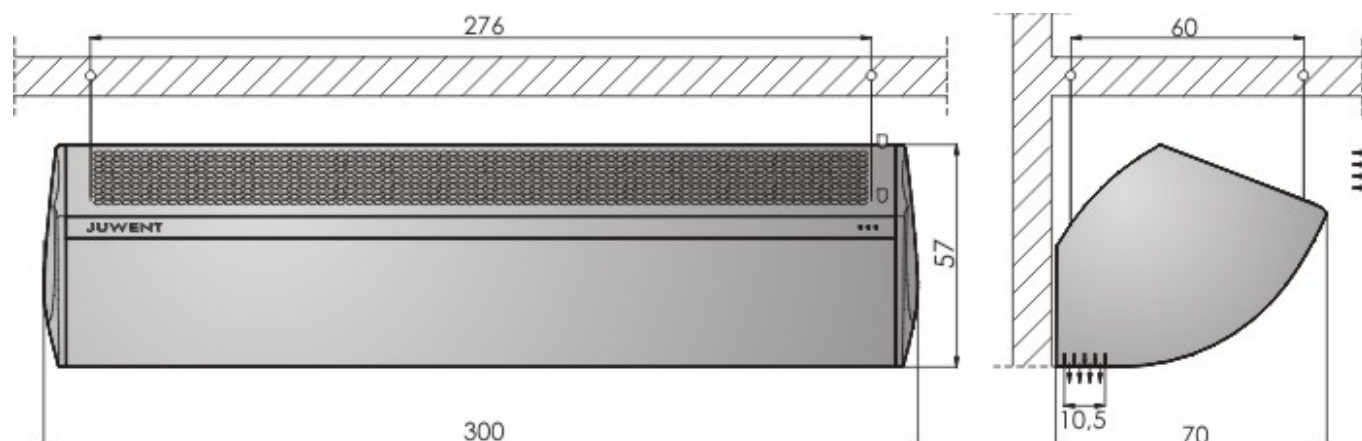
Parameters of fans in curtains	
Number of fans	3
Voltage [V]	230
Motor power [kW]	0,45
Current [A]	2,0
Revolutions [rpm]	790

Air flow of the curtains with the water heater				
Air flow [m³/h]			10800	
Thermal power [kW], outflow air temperature [oC] and resistance of water flow [kPa]				
Water temp. [°C]	Inflow air temp. [°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

Operational noise level [dB(A)]	
From distance of 1m	73
From distance of 3m	69
Curtain weight	
Weight [kg]	181

SILVER-3-300-E

DIMENSIONS



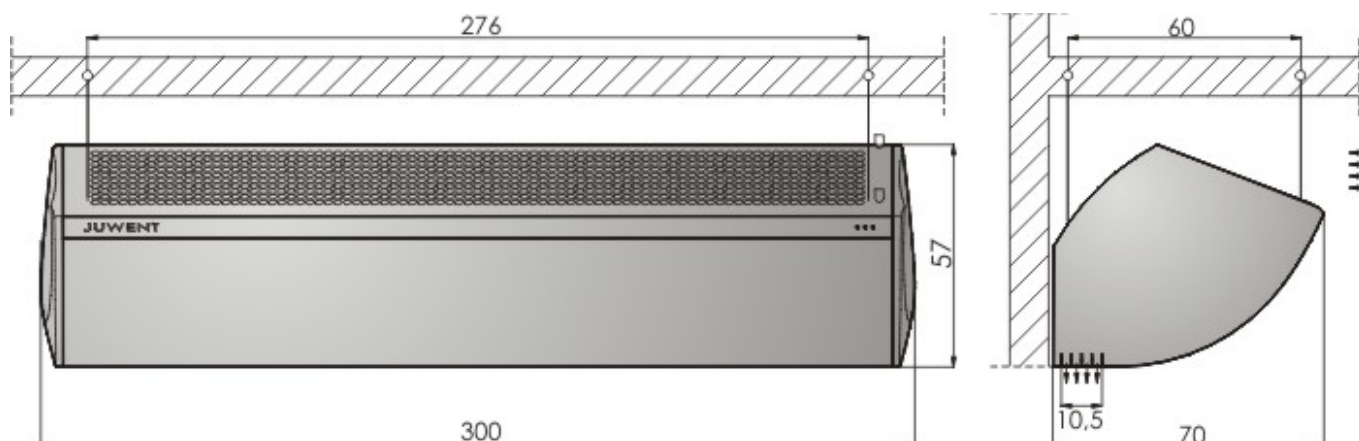
Parameters of fans in curtain	
Number of fans	4
Voltage [V]	230
Motor power [kW]	0,45
Current [A]	2,0
Revolutions [rpm]	790

Thermal power and air flow of the curtain with the electric heaters	
Air flow [m ³ /h]	10800
Thermal power levels [kW]	36

Operational noise level [dB(A)]	
From distance of 1m	73
From distance of 3m	69
Curtain weight	
Weight [kg]	184

SILVER-3-300-Z

DIMENSIONS



Parameters of fans in curtain	
Number of fans	4
Voltage [V]	230
Motor power [kW]	0,45
Current [A]	2,0
Revolutions [rpm]	790
Air flow [m ³ /h]	10800

Operational noise level [dB(A)]	
From distance of 1m	73
From distance of 3m	69
Curtain weight	
Weight [kg]	162