

# Radial Type Roof Fans





# Radial Type Roof Fans



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# Radial Type Horizontal Stream Fan Series for Roofs

Aironn AIR-RF Series fans are suitable to operate at maximum 55 °C. In order for you to make a selection to meet your need, 8 different models are available. It has high performance due to the backward inclined wheel with sparse fan blades. It provides easy access to the motor due to its easily mounted and unmounted roof design.

## Fan Body

Fan body is made of high quality galvanized steel. It can be optionally produced as electrostatic powder coated.

## Fan Blades

Backward inclined wheels with sparse fan blades used in AIR-RF series are made of galvanized steel. The wheels are statically and dynamically balanced in compliance with ISO 1940/1-2003.

## Motor

B-F insulation class motor is inside the air flow. Micro thermostat protection against high temperature is optional.

## Electricity

IP 55 electric terminal box made of plastic is standard.

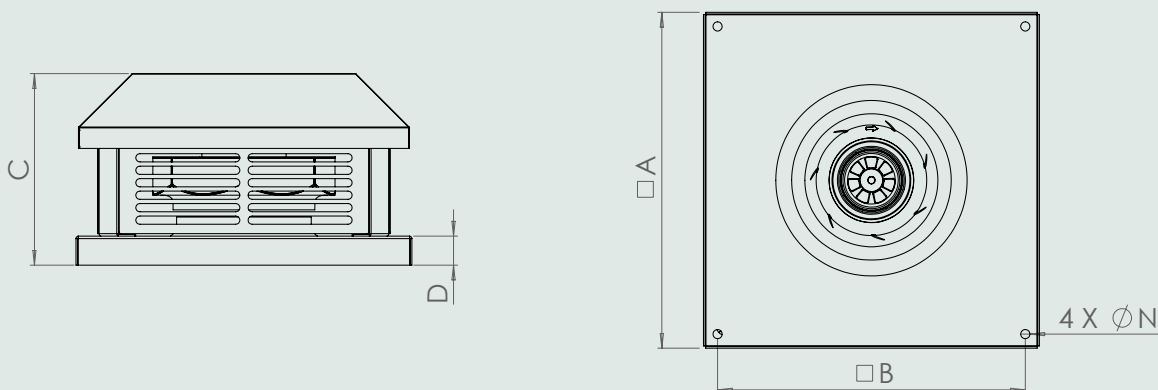
## Accessories

Speed Control Switch, Damper



# Radial Type Horizontal Stream Fan Series for Roofs

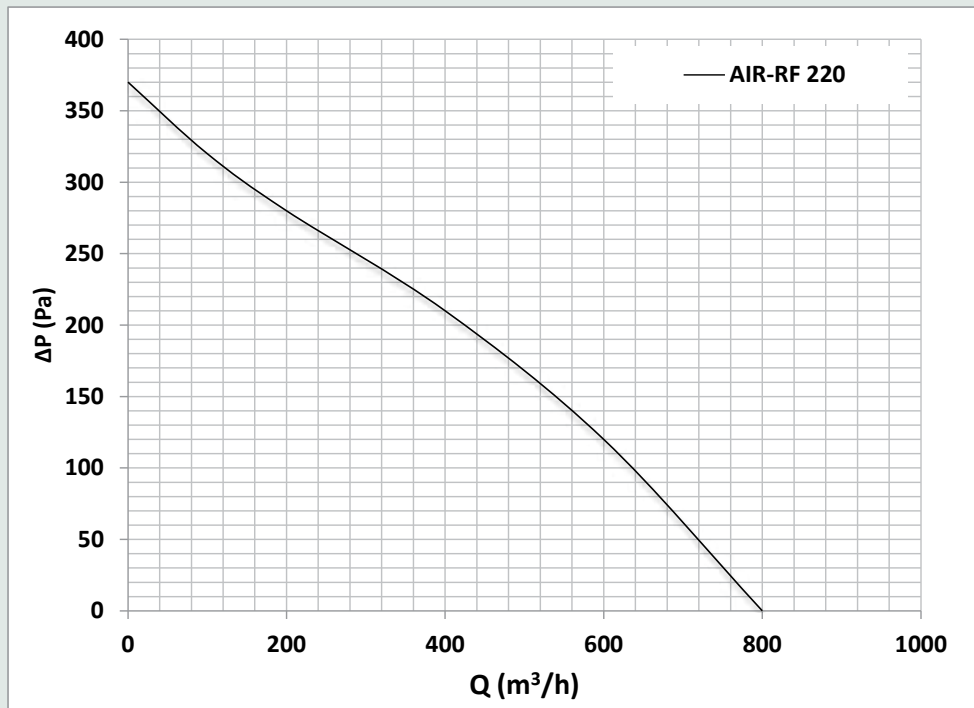
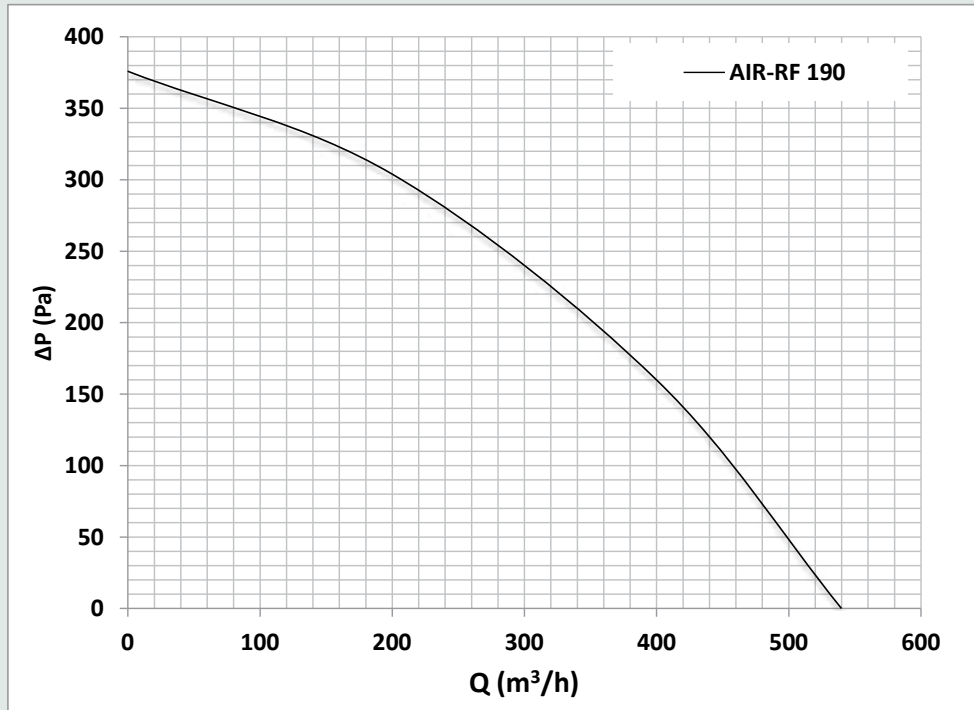
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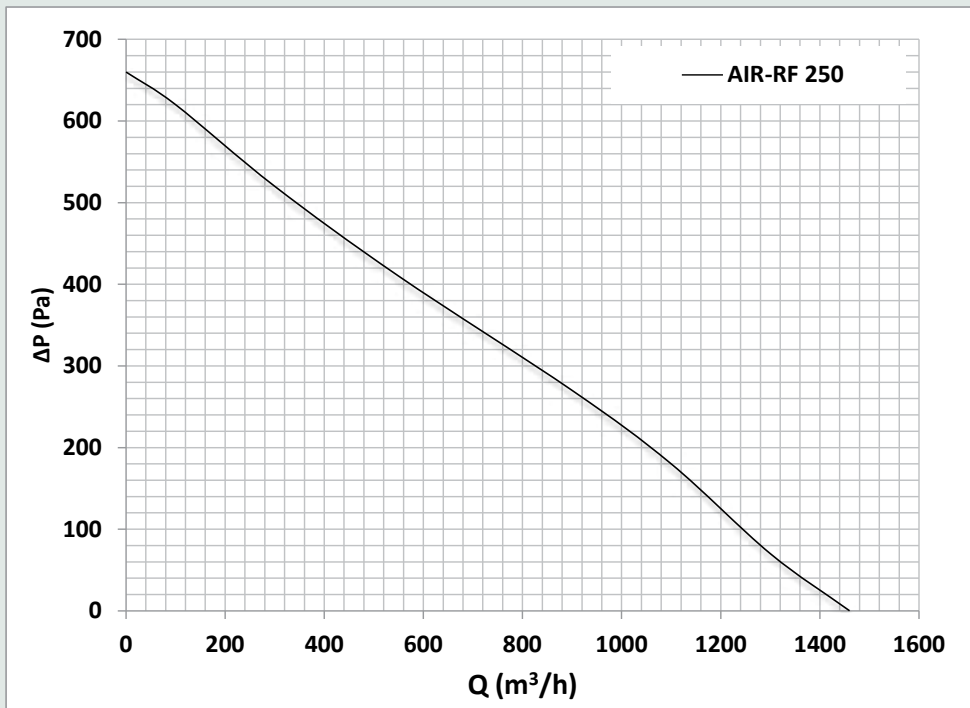
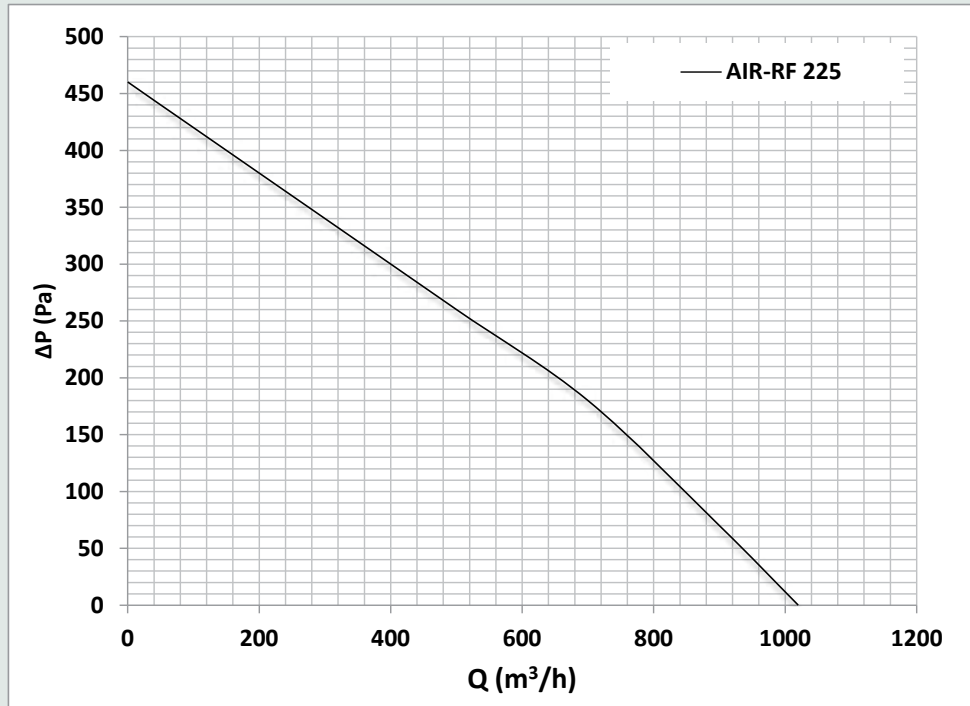
	A	B	C	D	Ø N
AIR-RF 225	325	295	225	35	7
AIR-RF 250	400	370	230	35	7
AIR-RF 280	430	400	260	35	7
AIR-RF 355	555	525	335	35	7
AIR-RF 400	600	570	380	35	7
AIR-RF 450	650	620	430	35	9
AIR-RF 500	750	720	480	35	9
AIR-RF 560	810	780	540	35	9

Type	Voltage V	Frequency Hz	Motor Power W	Current A	Motor Speed rpm	Condenser µF	Noise dBA	Weight kg
AIR-RF 225	230	50	150	0,7	2600	4	57	9,6
AIR-RF 250	230	50	200	0,9	2600	6	58	12,4
AIR-RF 280	230	50	250	1,1	2500	8	60	13,2
AIR-RF 355	220	50	210	1	1400	8	60	22,9
AIR-RF 400	220	50	500	1,8	1380	12	66	34
AIR-RF 450	220	50	500	2,2	1300	12	66	40
AIR-RF 500	380	50	360	1,27	920	-	62	47
AIR-RF 560	230/400	50	2200	6.5/3.7	1250	-	79	65

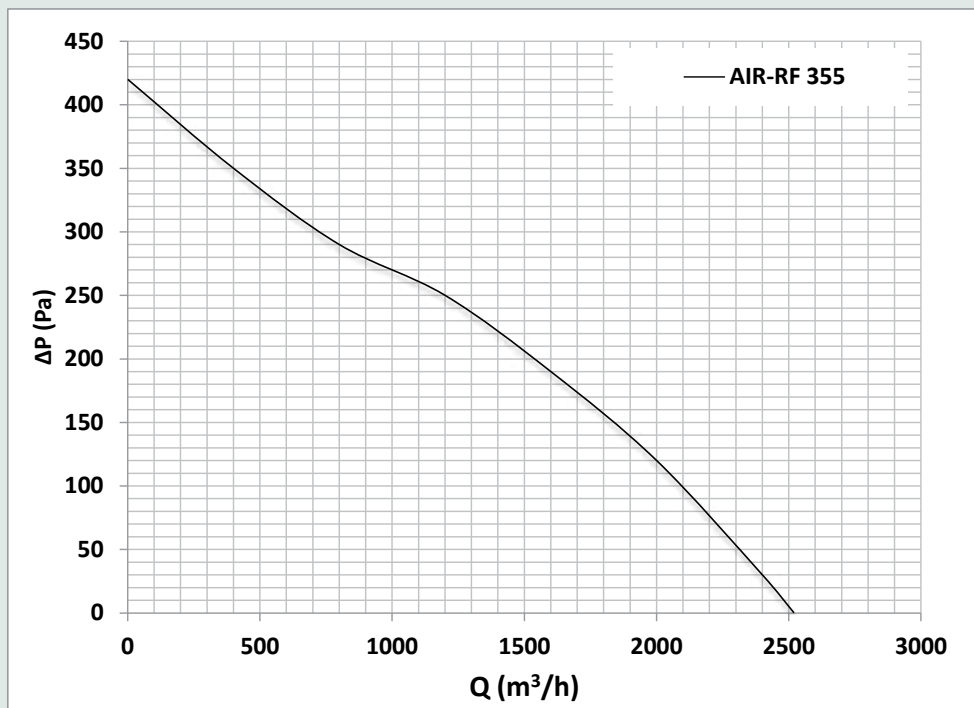
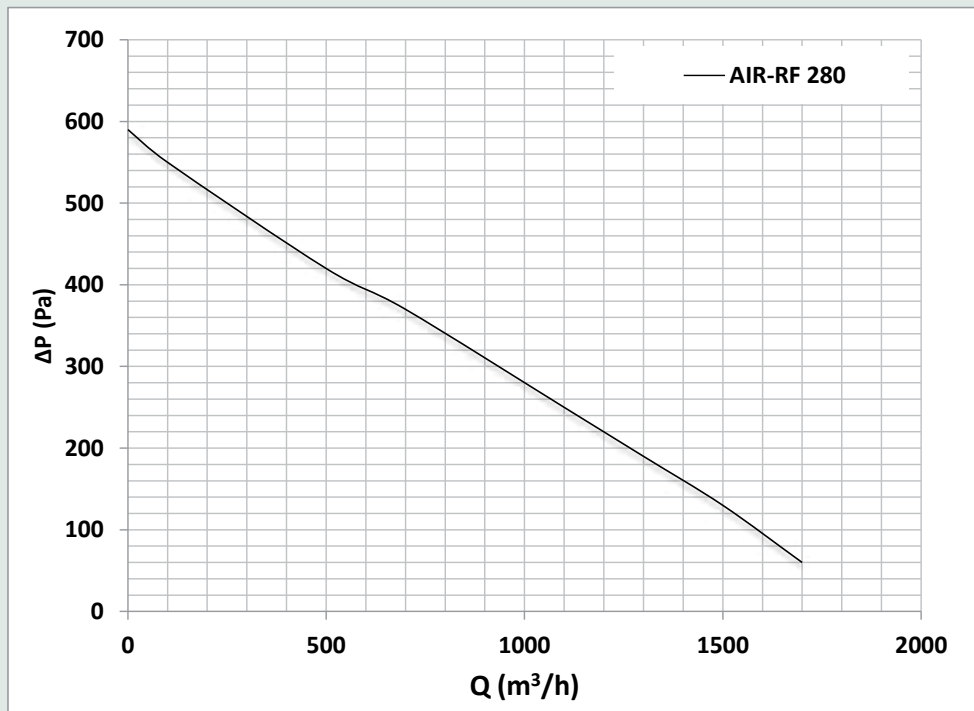
## Radial Type Horizontal Stream Fan Series for Roofs



## Radial Type Horizontal Stream Fan Series for Roofs

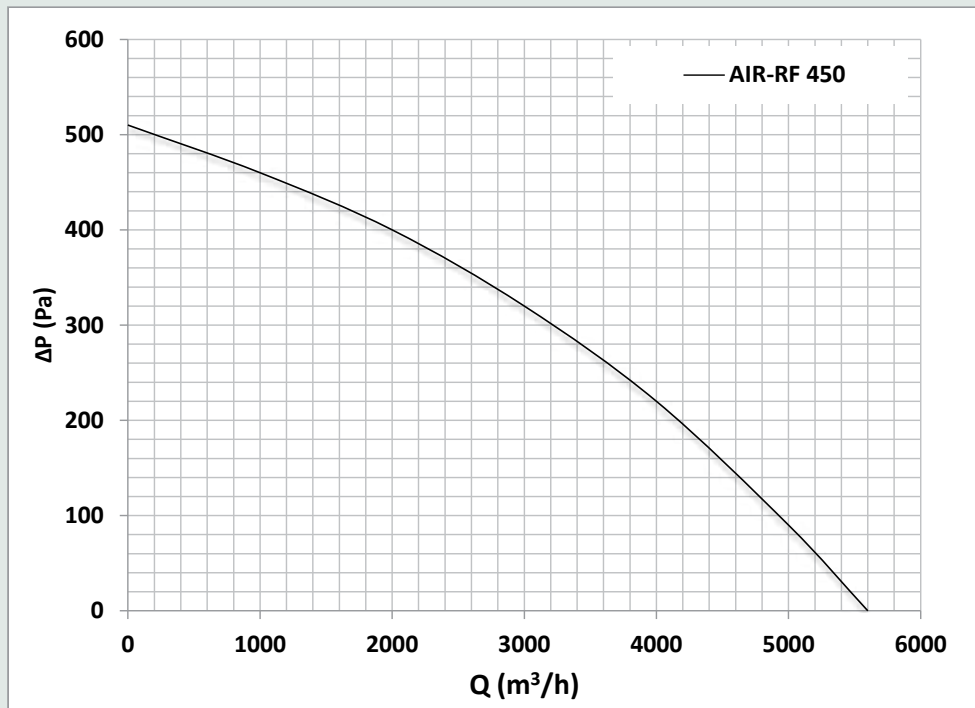
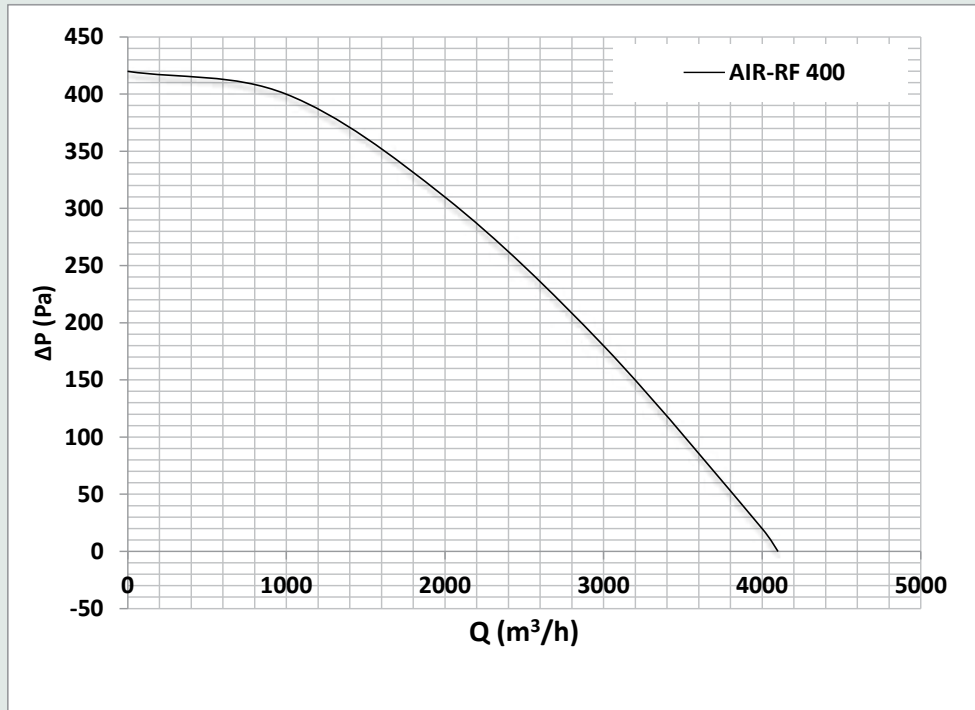


## Radial Type Horizontal Stream Fan Series for Roofs

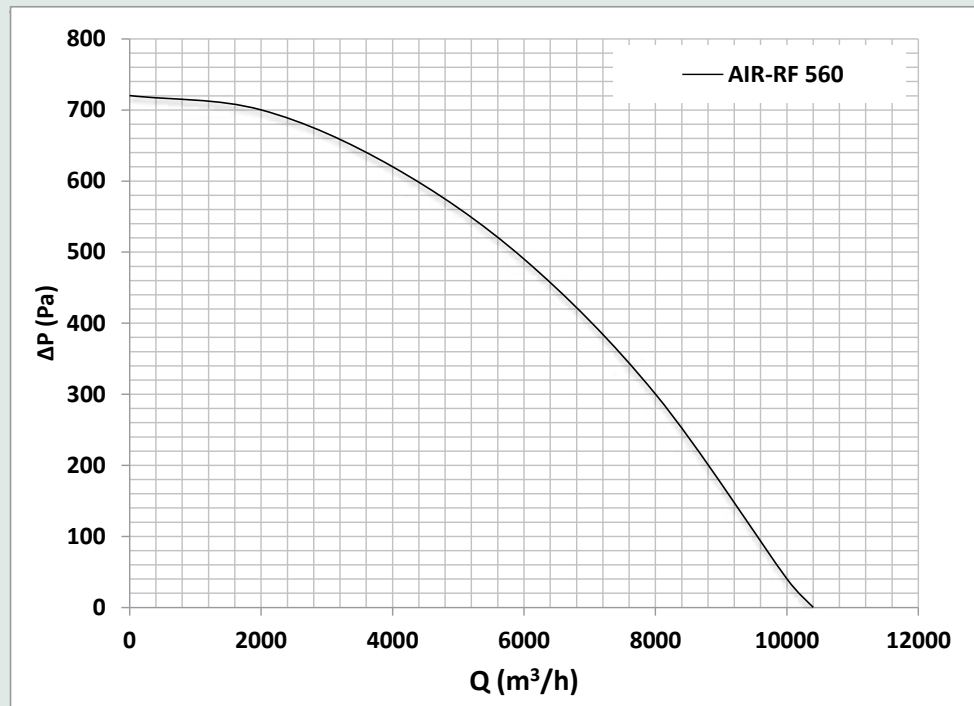
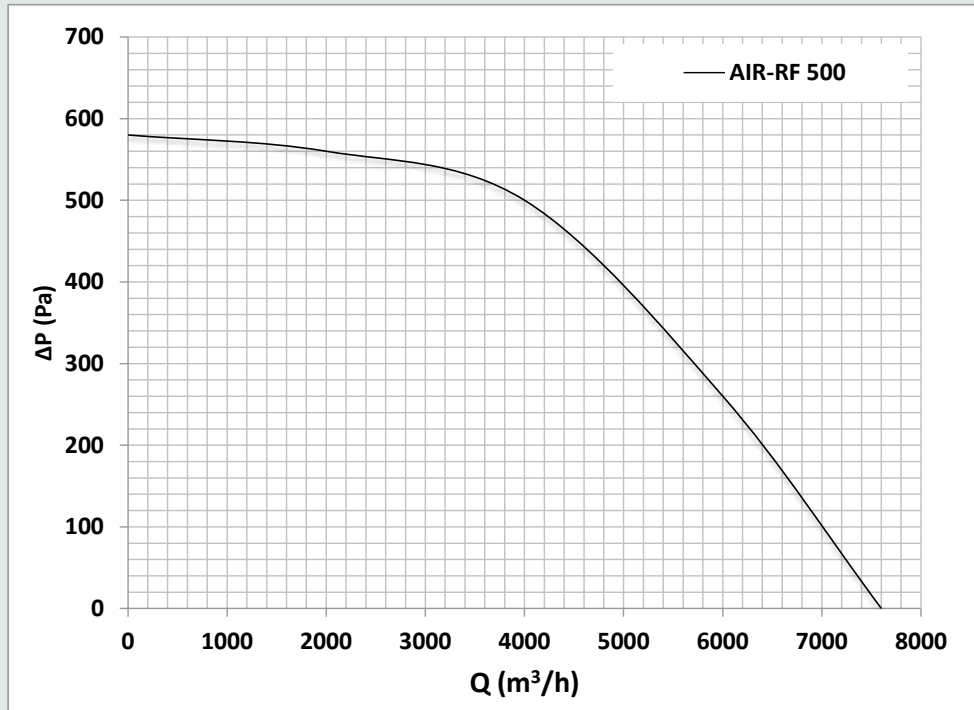




## Radial Type Horizontal Stream Fan Series for Roofs



## Radial Type Horizontal Stream Fan Series for Roofs





# Radial Type Horizontal Stream Fan for Roofs Driven by External Motor Series

Aironn AIR-RF-HBR Series fans are suitable to operate at maximum 120 °C. In order for you to make a selection to meet your need, 10 different models are available. It has high performance due to the backward inclined wheel with sparse fan blades. It provides easy access to the motor due to its easily mounted and unmounted roof design.

## Fan Body

Fan body is made of high quality galvanized steel. It can be optionally produced as electrostatic powder coated.

## Fan Blades

Backward inclined wheels with sparse fan blades used in AIR-RF-HBR series are made of galvanized steel. The wheels are statically and dynamically balanced in compliance with ISO 1940/1-2003.

## Motor

F insulation class motor is outside the air flow. Motors are suitable to use with inverters when required.

## Electricity

IP 55 electric terminal box made of plastic is standard.

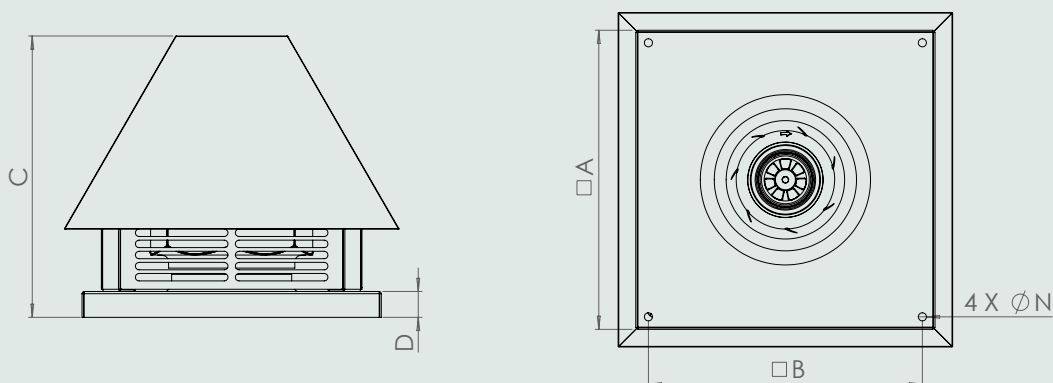
## Accessories

Inverter, Damper



# Radial Type Horizontal Stream Fan for Roofs Driven by External Motor Series

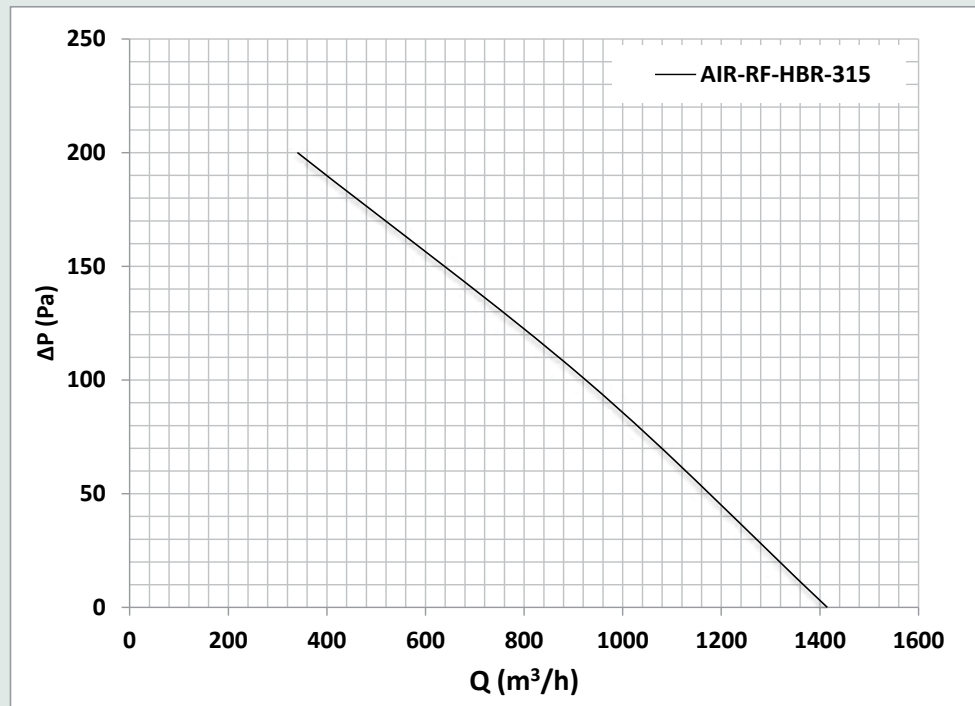
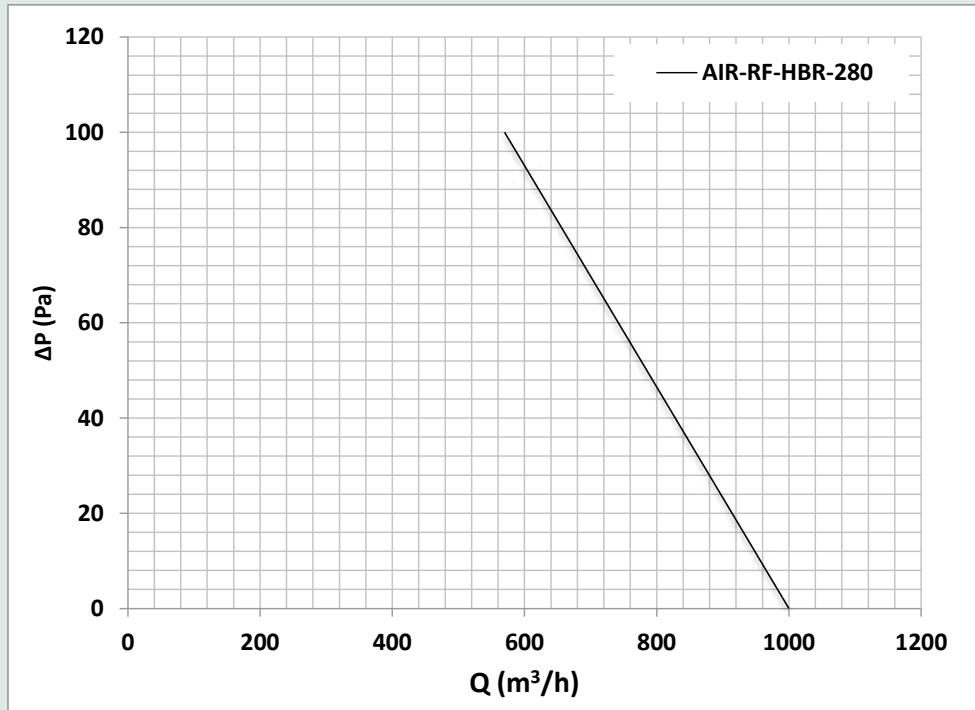
## Dimensions



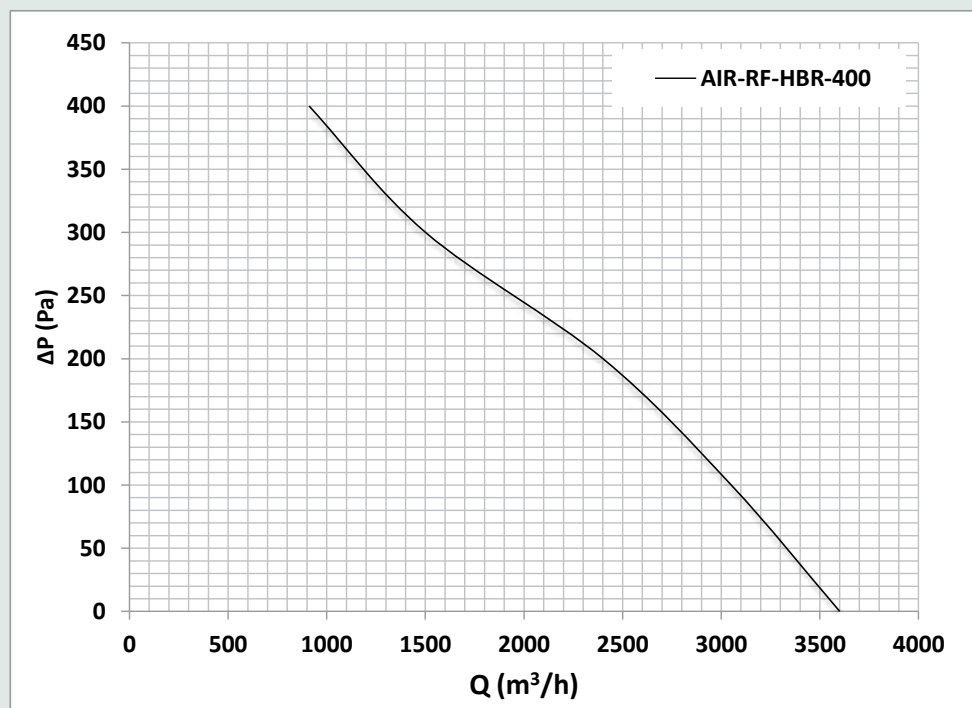
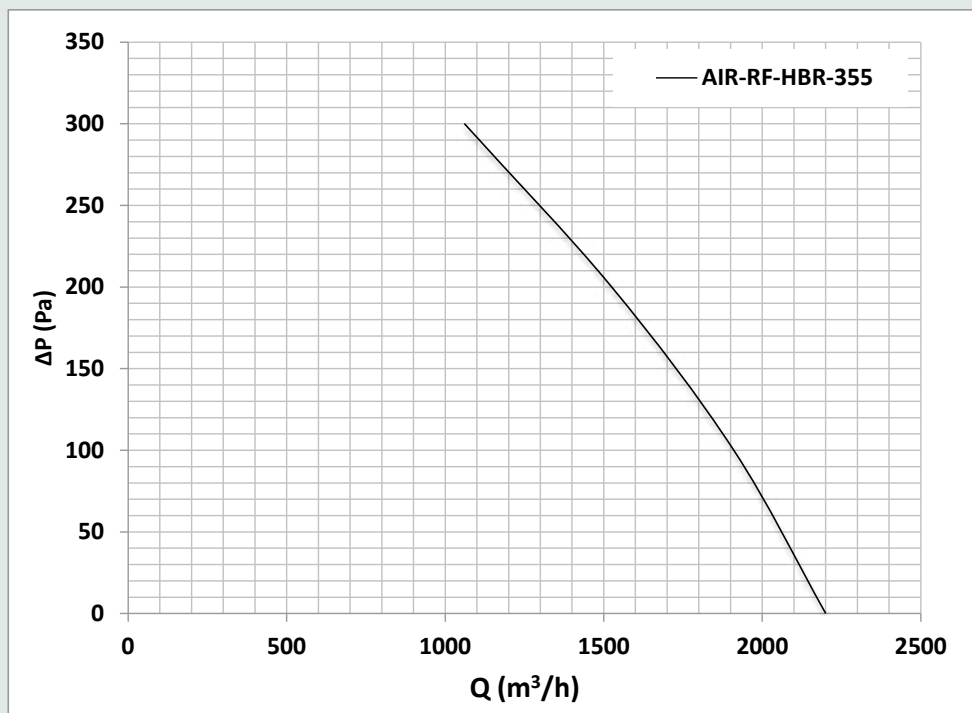
	A	B	C	D	Ø N
AIR-RF-HBR 280	404	354	505	44	10
AIR-RF-HBR 315	454	404	546	44	10
AIR-RF-HBR 355	500	450	543	44	10
AIR-RF-HBR 400	500	450	574	44	12
AIR-RF-HBR 450	580	530	568	44	12
AIR-RF-HBR 500	640	590	665	44	12
AIR-RF-HBR 560	700	650	723	44	12
AIR-RF-HBR 630	730	660	888	54	12
AIR-RF-HBR 710	780	710	958	54	12
AIR-RF-HBR 800	900	850	1130	54	12

Type	Voltage V	Frequency Hz	Motor Power W	Current A	Motor Speed rpm	Noise dBA	Weight kg
AIR-RF-HBR 280	230/380	50	370	2.6 / 1.15	1480	42	35
AIR-RF-HBR 315	230/380	50	370	2.6 / 1.15	1480	44	42
AIR-RF-HBR 355	230/380	50	370	2.6 / 1.15	1480	45	50
AIR-RF-HBR 400	230/380	50	550	3.3 / 1.5	1430	48	55
AIR-RF-HBR 450	230/380	50	750	6/4/02	1430	55	62
AIR-RF-HBR 500	230/380	50	1100	7.1 / 2.6	1460	60	68
AIR-RF-HBR 560	230/380	50	1500	9.3 / 3.5	1450	65	75
AIR-RF-HBR 630	380	50	3000	6,45	1000	80	127
AIR-RF-HBR 710	380	50	4000	8,2	1000	83	150
AIR-RF-HBR 800	380	50	7500	15,3	1000	85	216

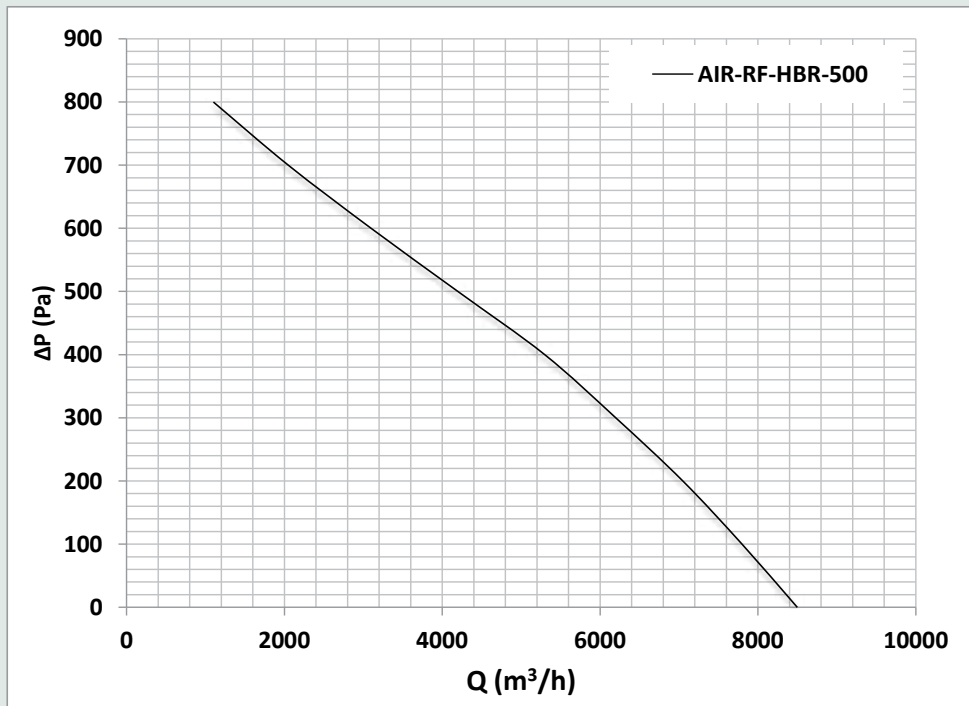
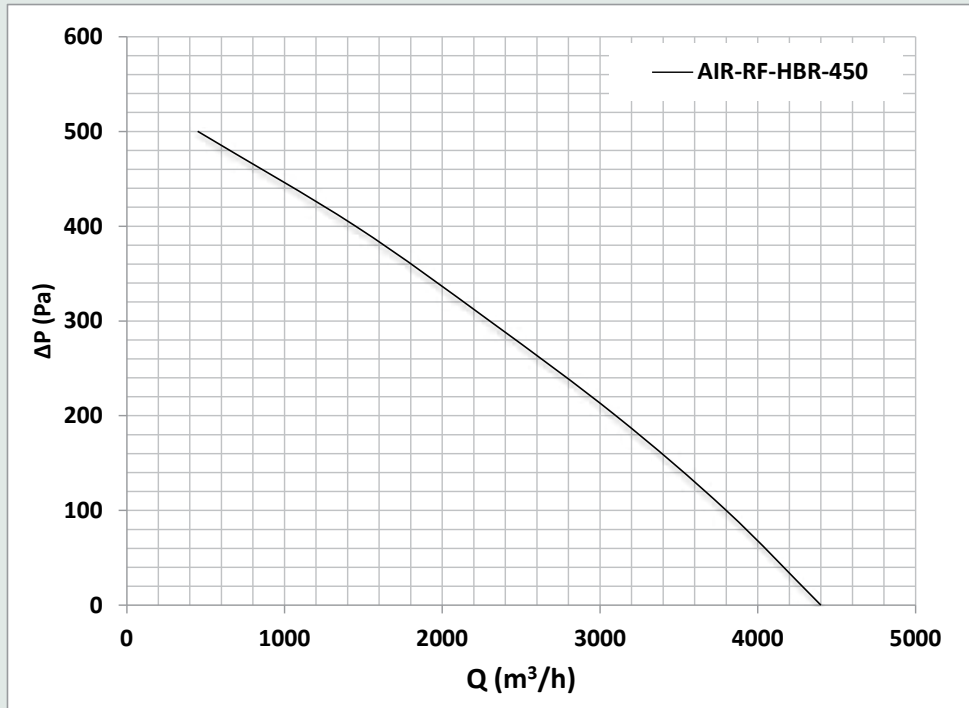
## Radial Type Horizontal Stream Fan for Roofs Driven by External Motor Series



## Radial Type Horizontal Stream Fan for Roofs Driven by External Motor Series

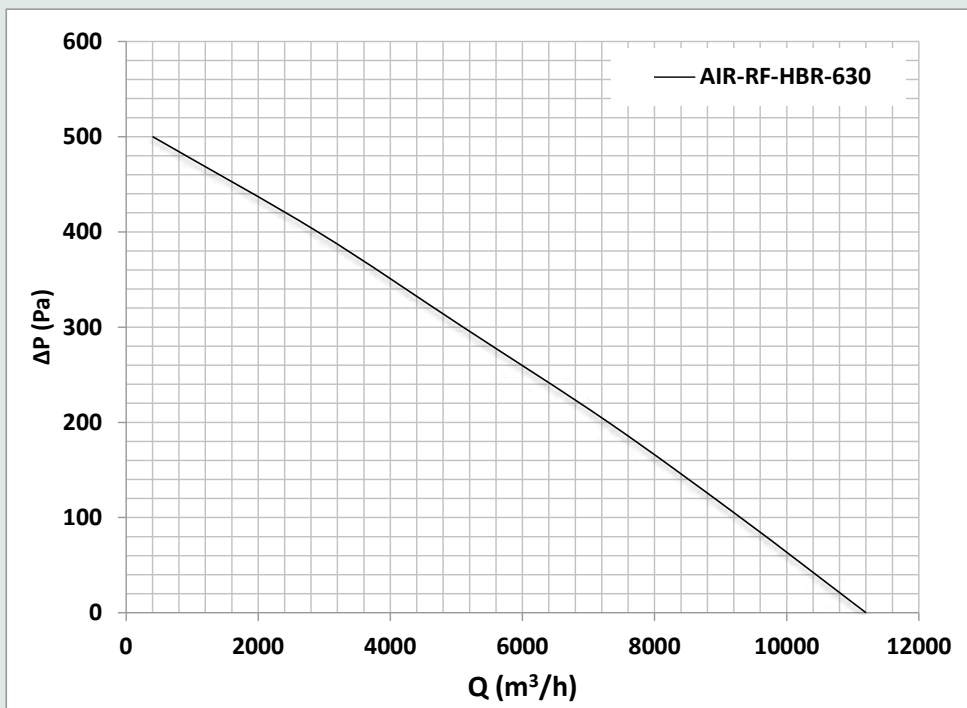
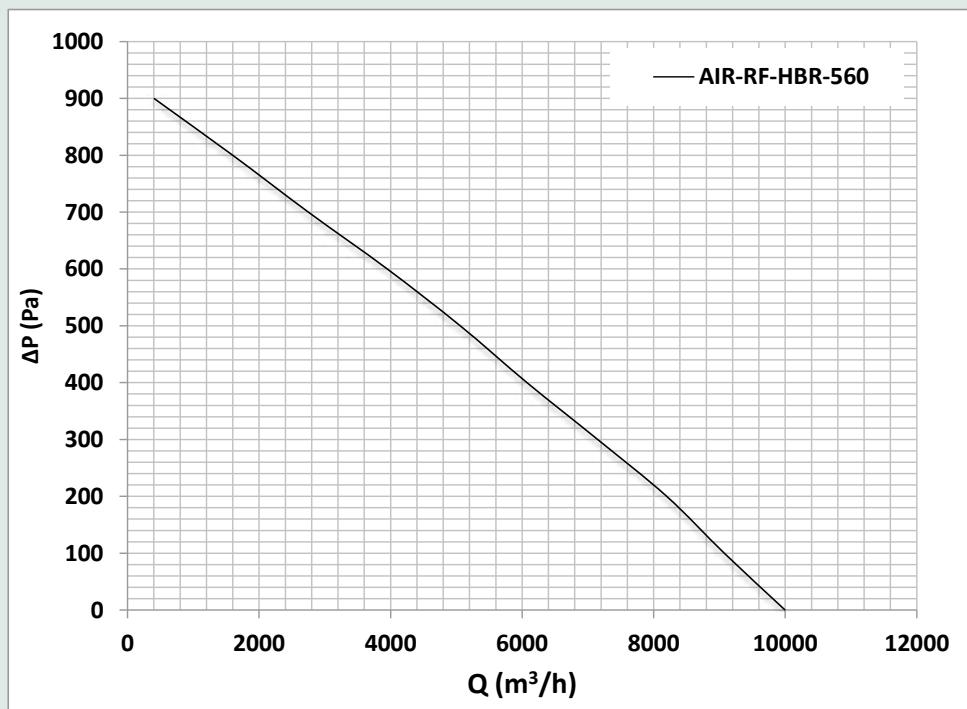


## Radial Type Horizontal Stream Fan for Roofs Driven by External Motor Series

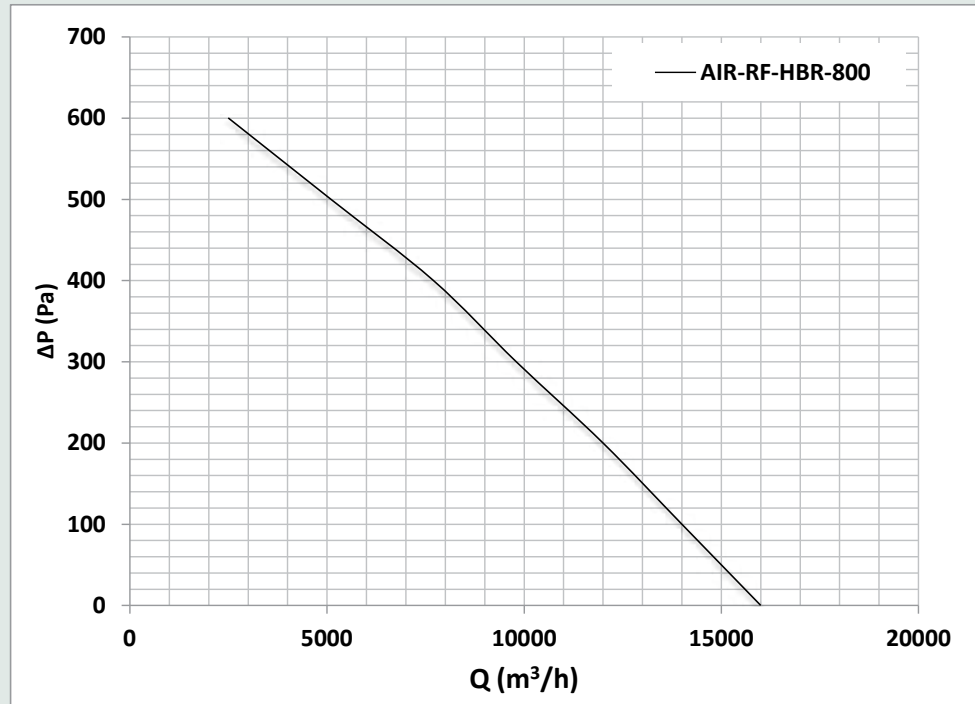
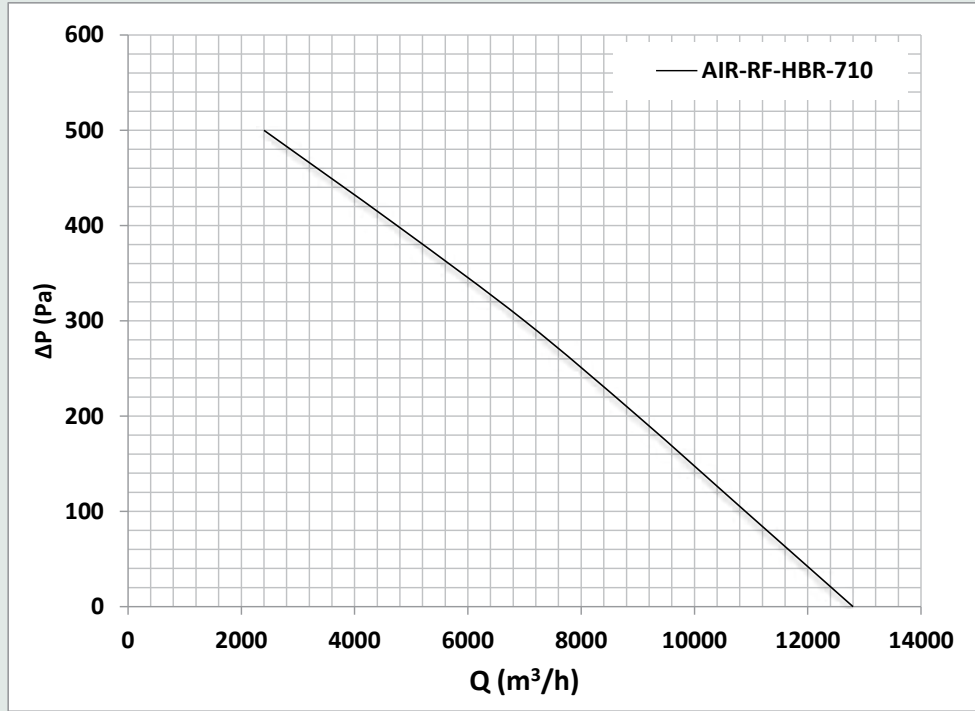




# Radial Type Horizontal Stream Fan for Roofs Driven by External Motor Series



## Radial Type Horizontal Stream Fan for Roofs Driven by External Motor Series





## EC Radial Type Horizontal Stream Fan for Roofs

Aironn AIR-RF-... EC Series fans are suitable to operate at maximum 55 °C. In order for you to make a selection to meet your need, 8 different models are available. EC motor fans adjust motor speed by way of their smart speed units and provide high productivity and comfort. While productivity of AC motor fans is around 15-70% depending on the operating point, this value reaches up to 90% for EC motor fans. It provides easy access to the motor due to its easily mounted and unmounted roof design.

### Fan Body

Fan body is made of high quality galvanized steel. It can be optionally produced as electrostatic powder coated.

### Fan Blades

Fan blades used in AIR-RF-... EC Series are made of PP plastic. The wheels are statically and dynamically balanced in compliance with ISO 1940/1-2003.

### Motor

B-F insulation class motor is inside the air flow.

### Electricity

IP 55 electric terminal box made of plastic is standard.

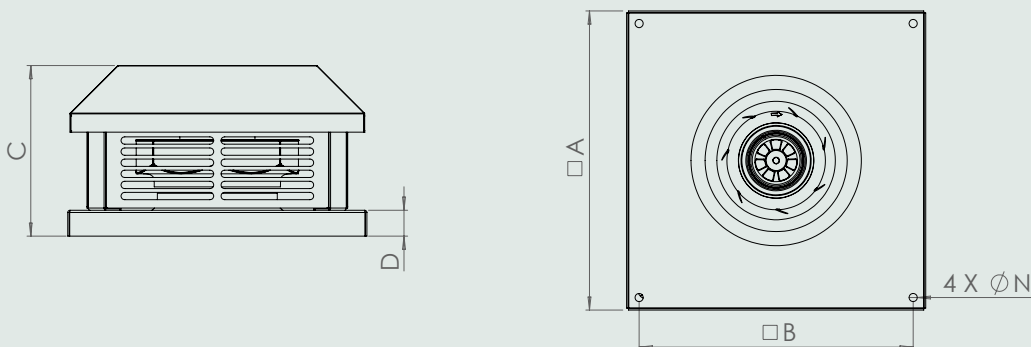
### Accessories

Smart Control Unit, Damper



# EC Radial Type Horizontal Stream Fan for Roofs

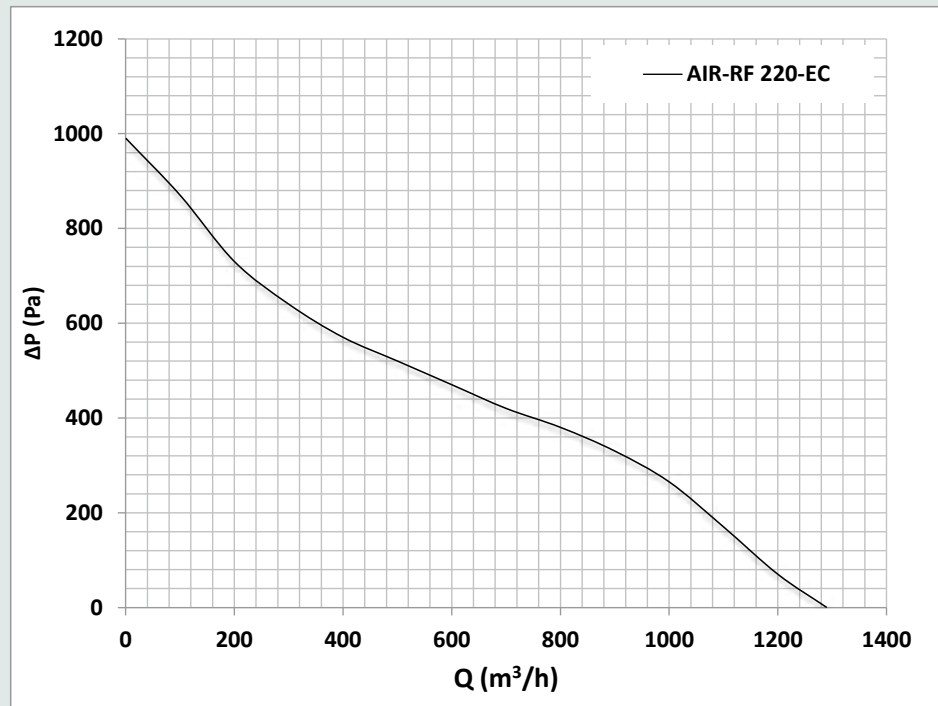
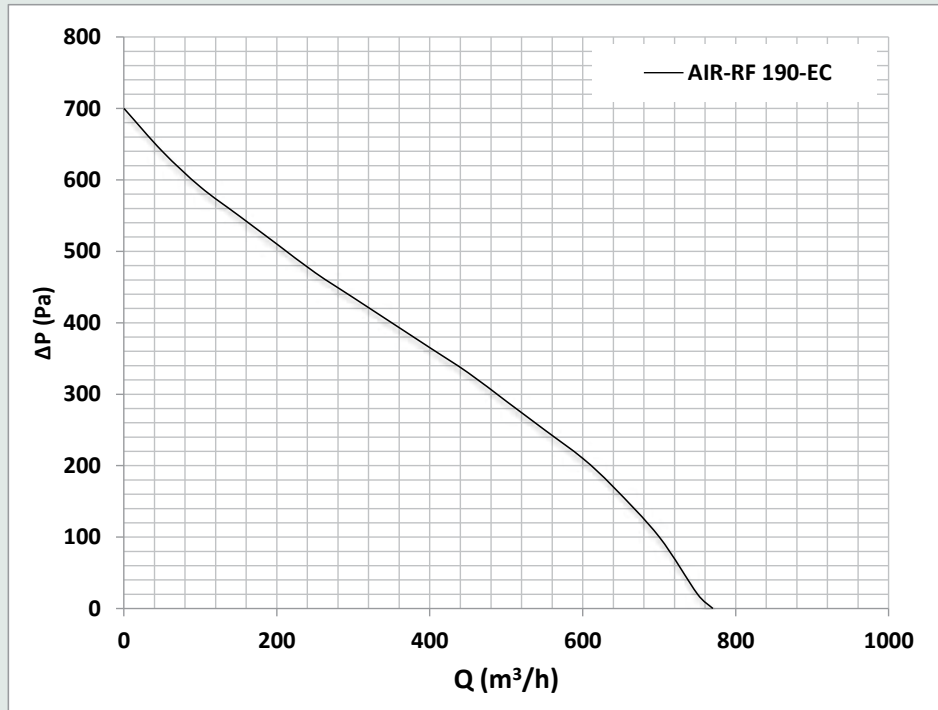
## Dimensions



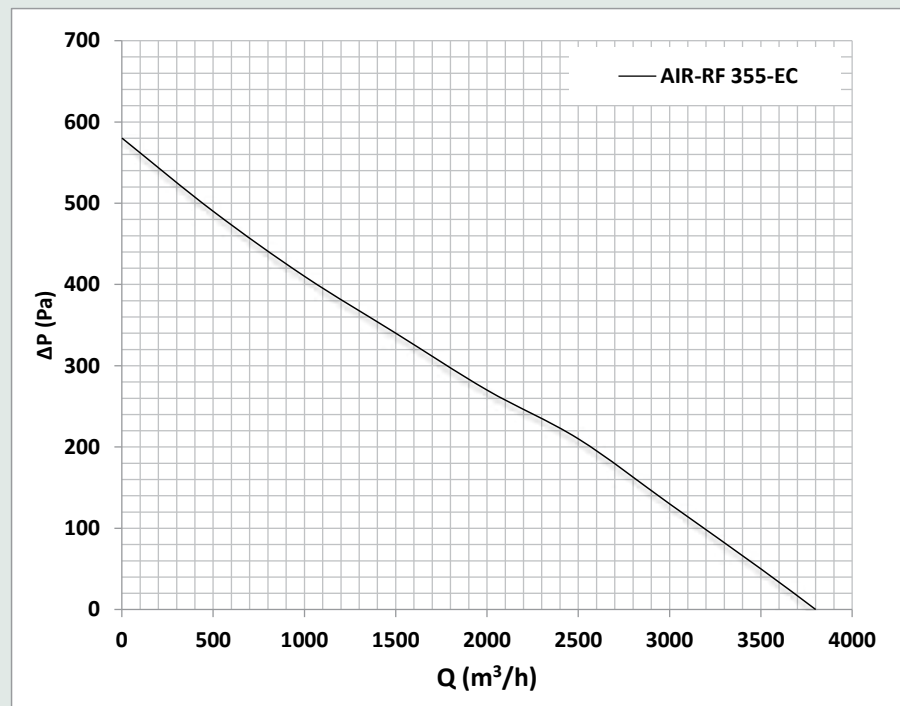
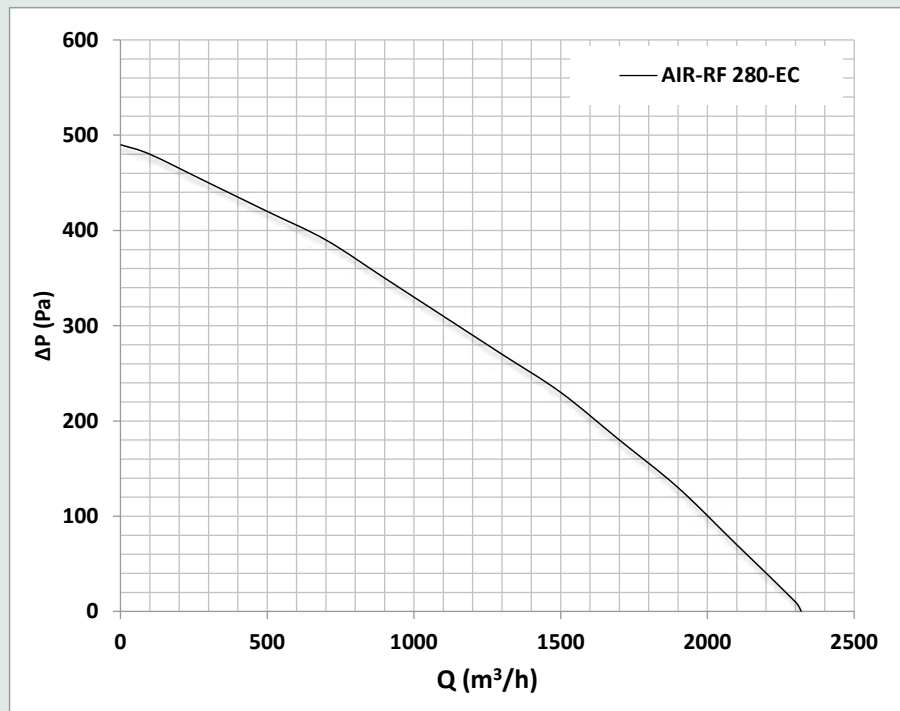
	A	B	C	D	Ø N
AIR-RF 190 EC	325	295	225	35	7
AIR-RF 220 EC	400	370	230	35	7
AIR-RF 280 EC	430	400	260	35	7
AIR-RF 355 EC	555	525	335	35	7
AIR-RF 400 EC	600	570	380	35	7
AIR-RF 450 EC	650	620	430	35	9
AIR-RF 500 EC	750	720	480	35	9
AIR-RF 560 EC	810	780	540	35	9

Type	Voltage V	Frequency Hz	Motor Power W	Current A	Motor Speed rpm	Noise dBA	Weight kg
AIR-RF 190 EC	200-240	50	83	0,75	3200	72	8,5
AIR-RF 220 EC	200-240	50	168	1,4	3230	77	11
AIR-RF 280 EC	200-240	50	168	1,4	1910	74	13,3
AIR-RF 355 EC	200-277	50	250	1,1	1450	76	23,3
AIR-RF 400 EC	200-277	50	500	2,2	1500	80	30,35
AIR-RF 450 EC	380-480	50	950	1,5	1550	80	40,6
AIR-RF 500 EC	200-277	50	750	3,3	1100	77	49
AIR-RF 560 EC	380-480	50	2360	3,65	1540	86	68

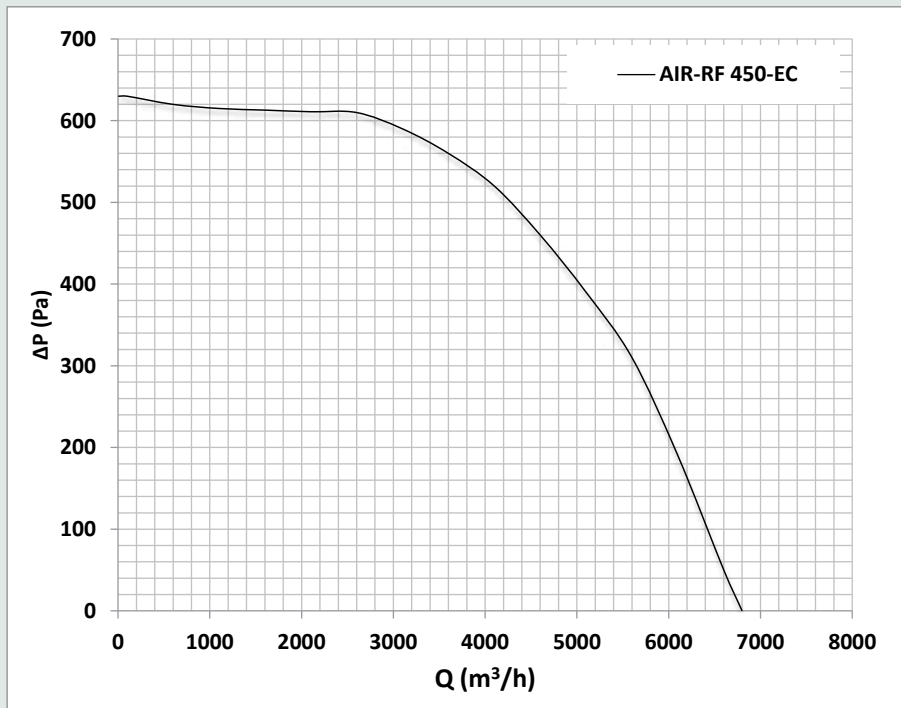
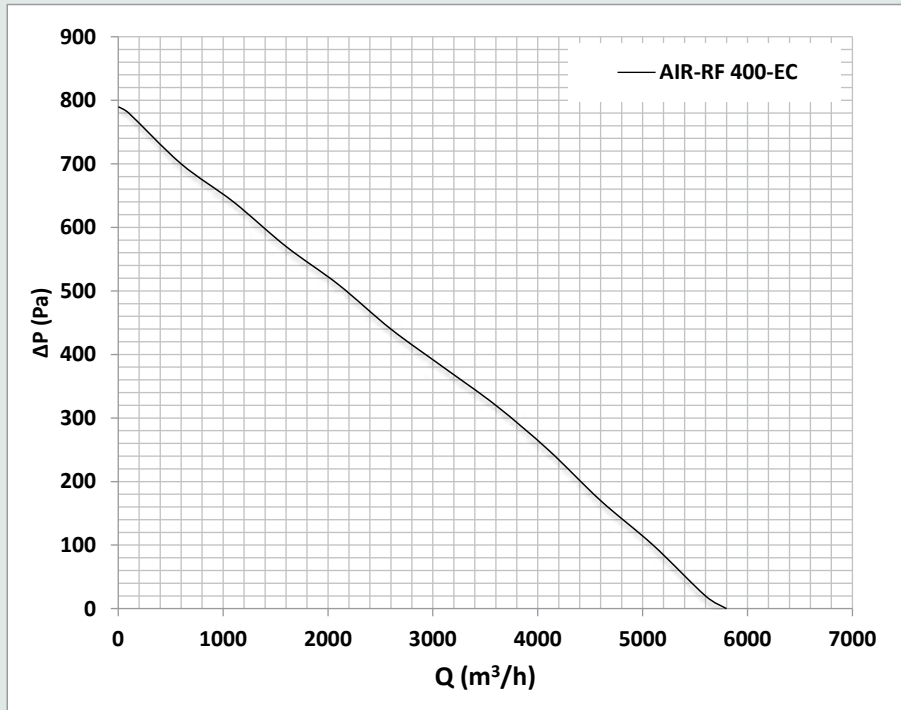
## EC Radial Type Horizontal Stream Fan for Roofs



## EC Radial Type Horizontal Stream Fan for Roofs

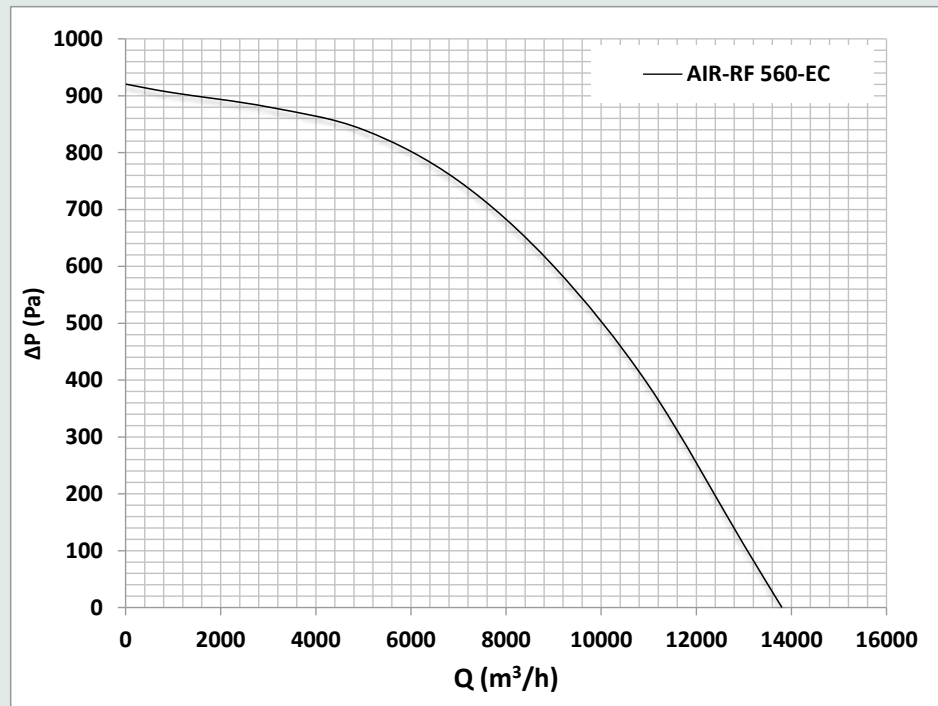
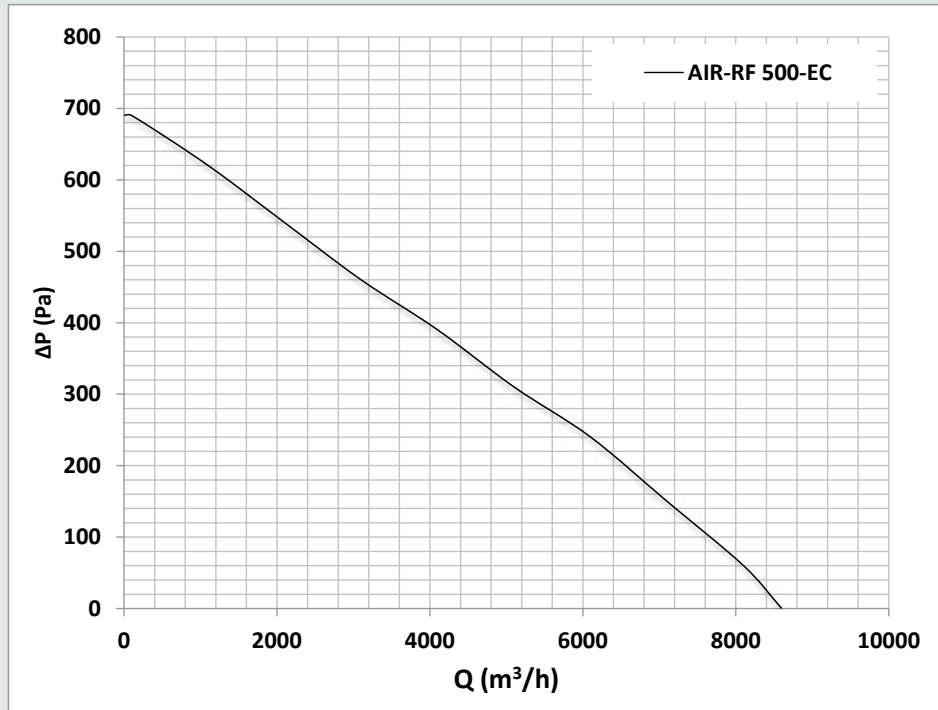


## EC Radial Type Horizontal Stream Fan for Roofs

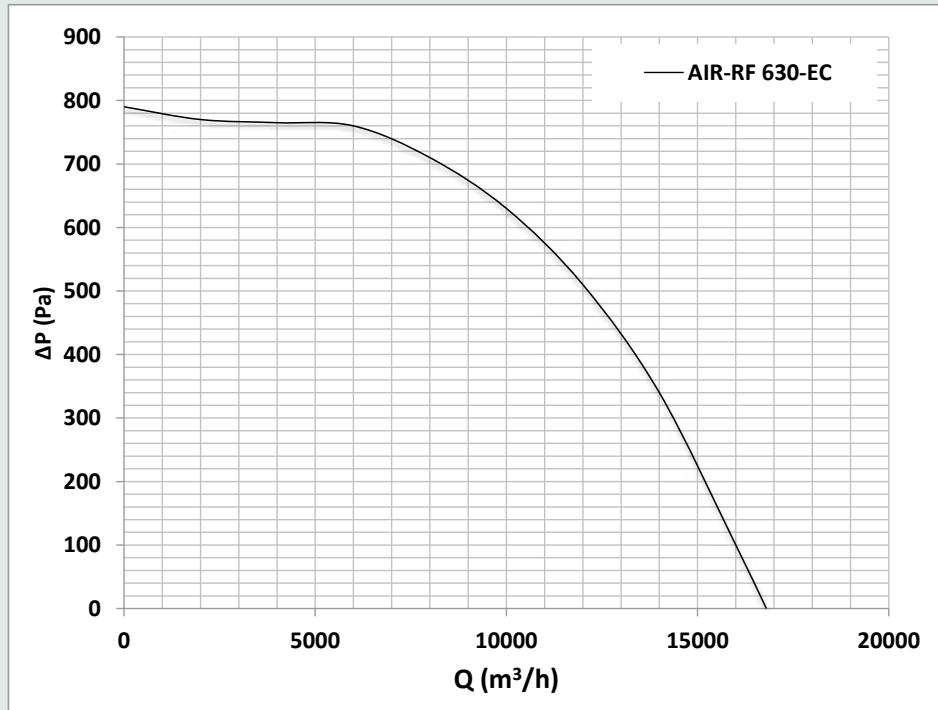




## EC Radial Type Horizontal Stream Fan for Roofs



## EC Radial Type Horizontal Stream Fan for Roofs





# Radial Type Vertical Stream Fan Series for Roofs

Aironn AIR-RF-V Series fans are suitable to operate at maximum 55 °C. In order for you to make a selection to meet your need, 7 different models are available. It has high performance due to the backward inclined wheel with sparse fan blades. It provides easy access to the motor due to its easily mounted and unmounted roof design.

### Fan Body

Fan body is made of high quality galvanized steel. It can be optionally produced as electrostatic powder coated.

### Fan Blades

Backward inclined wheels with sparse fan blades used in AIR-RF-V series are made of galvanized steel. The wheels

are statically and dynamically balanced in compliance with ISO 1940/1-2003.

### Motor

B-F insulation class motor is inside the air flow. Micro thermostat protection against high temperature is optional.

### Electricity

IP 55 electric terminal box made of plastic is standard.

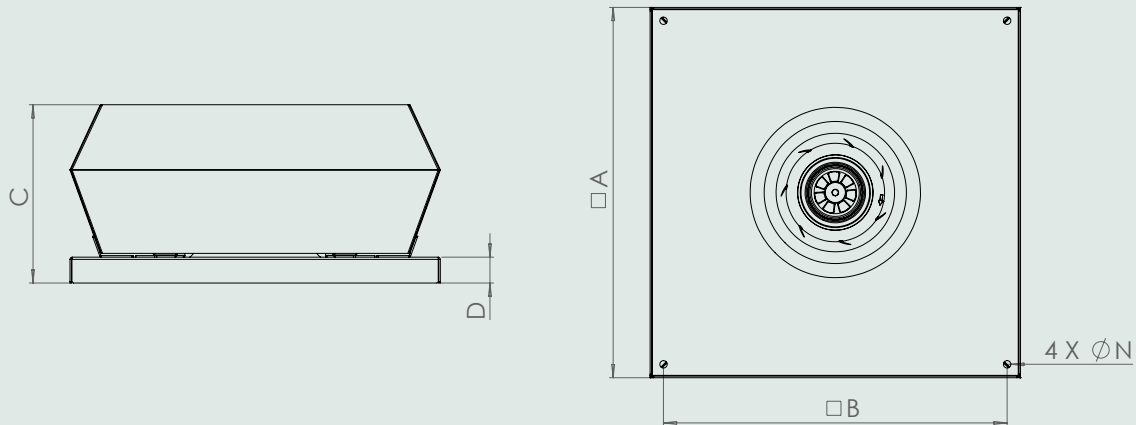
### Accessories

Speed Control Switch, Damper



# Radial Type Vertical Stream Fan Series for Roofs

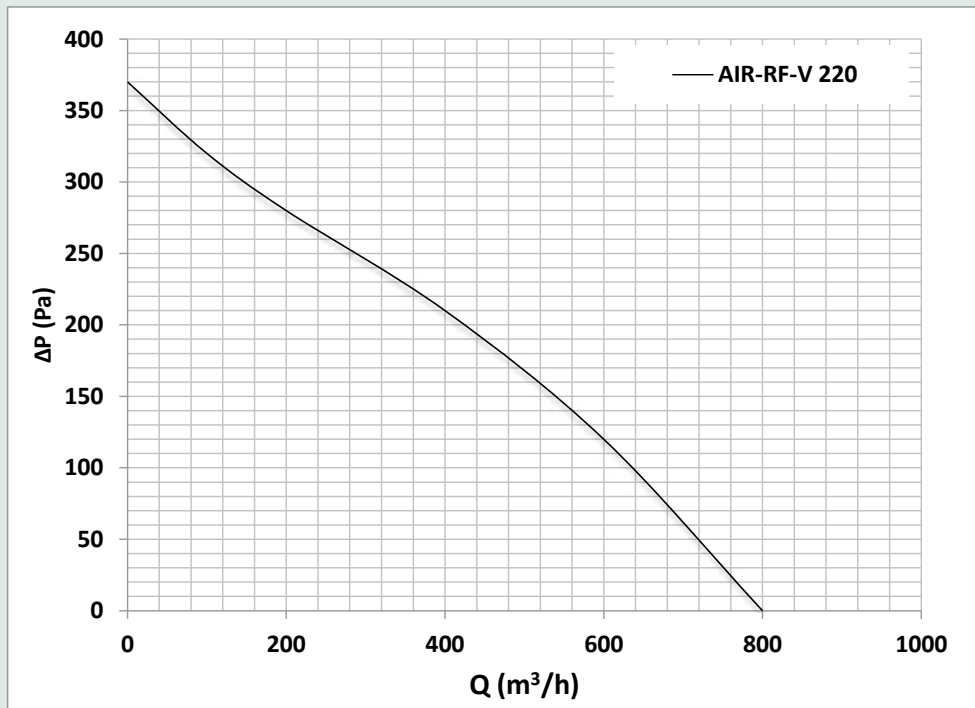
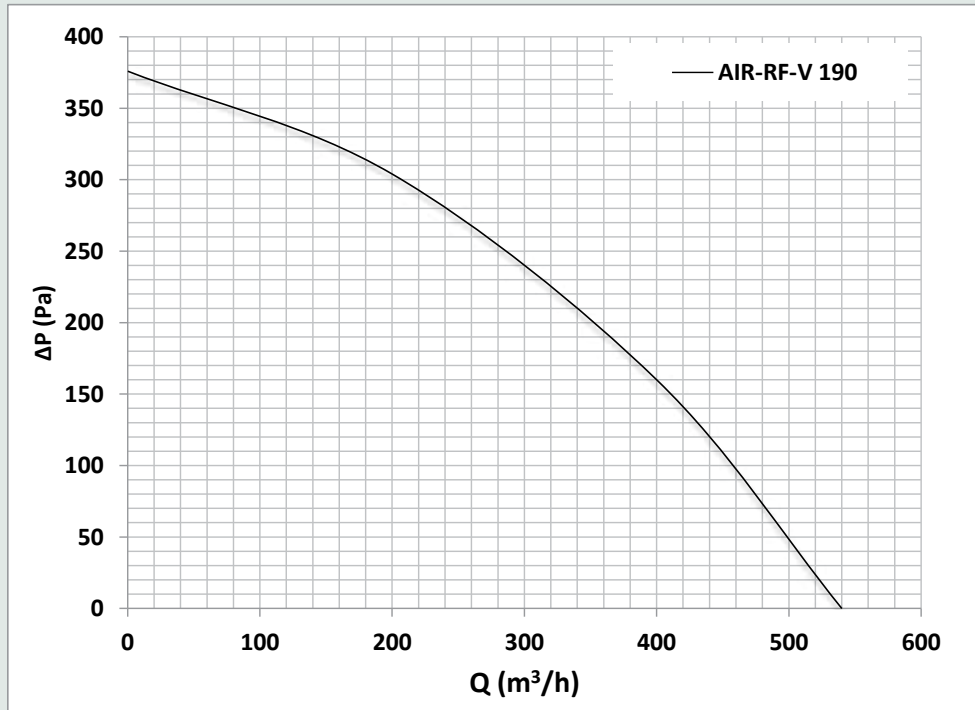
## Dimensions



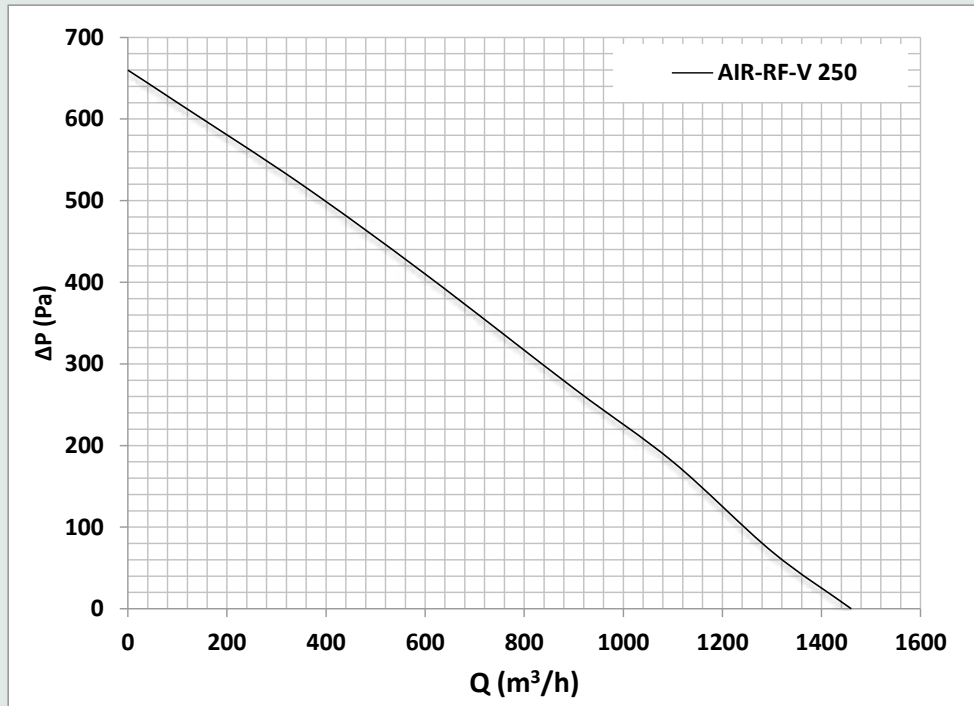
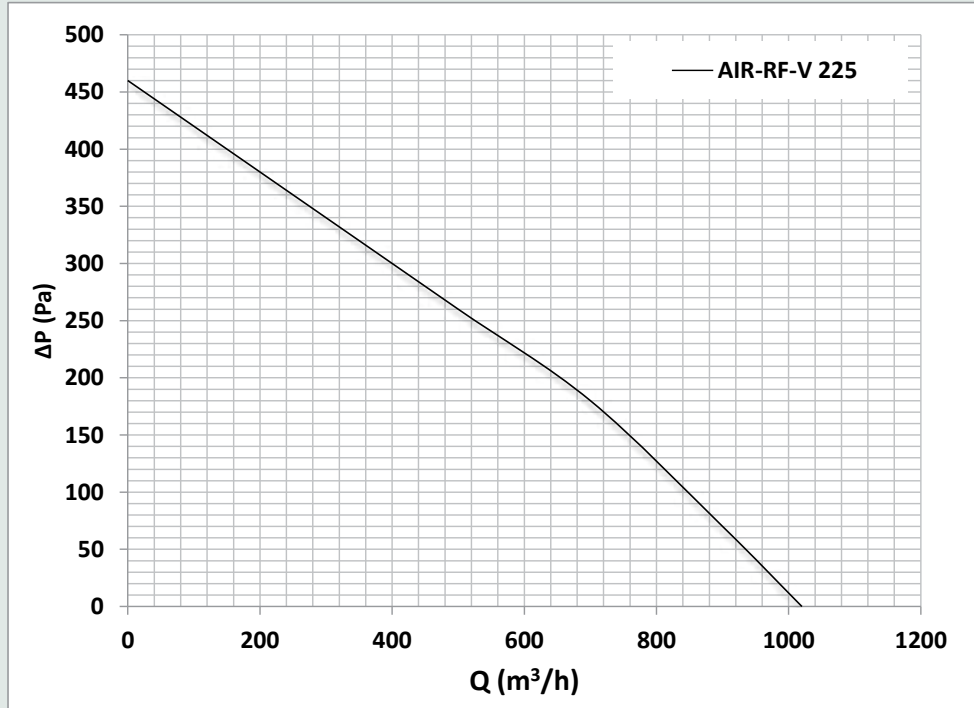
	A	B	C	D	Ø N
AIR-RF-V 225	465	420	240	35	7
AIR-RF-V 250	495	450	240	35	7
AIR-RF-V 355	655	610	340	35	7
AIR-RF-V 400	715	670	410	35	7
AIR-RF-V 450	850	800	440	35	9
AIR-RF-V 500	895	845	490	35	9
AIR-RF-V 560	925	875	520	35	9

Type	Voltage V	Frequency Hz	Motor Power W	Current A	Motor Speed rpm	Condenser µF	Noise dBA	Weight kg
AIR-RF-V 225	230	50	150	0,7	2600	4	57	12,2
AIR-RF-V 250	230	50	200	0,9	2600	6	58	14,3
AIR-RF-V 355	220	50	210	1	1400	8	60	25,5
AIR-RF-V 400	220	50	500	1,8	1380	12	66	33
AIR-RF-V 450	220	50	500	2,2	1300	12	66	43
AIR-RF-V 500	380	50	360	1,27	920	-	62	47
AIR-RF-V 560	230/400	50	2200	6.5/3.7	1250	-	79	62

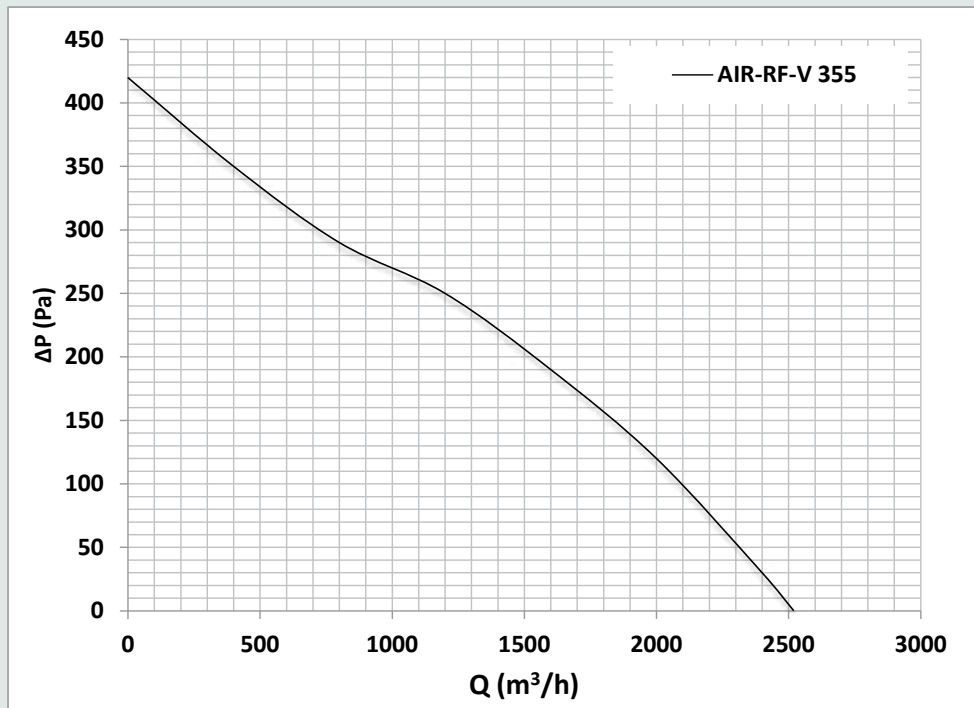
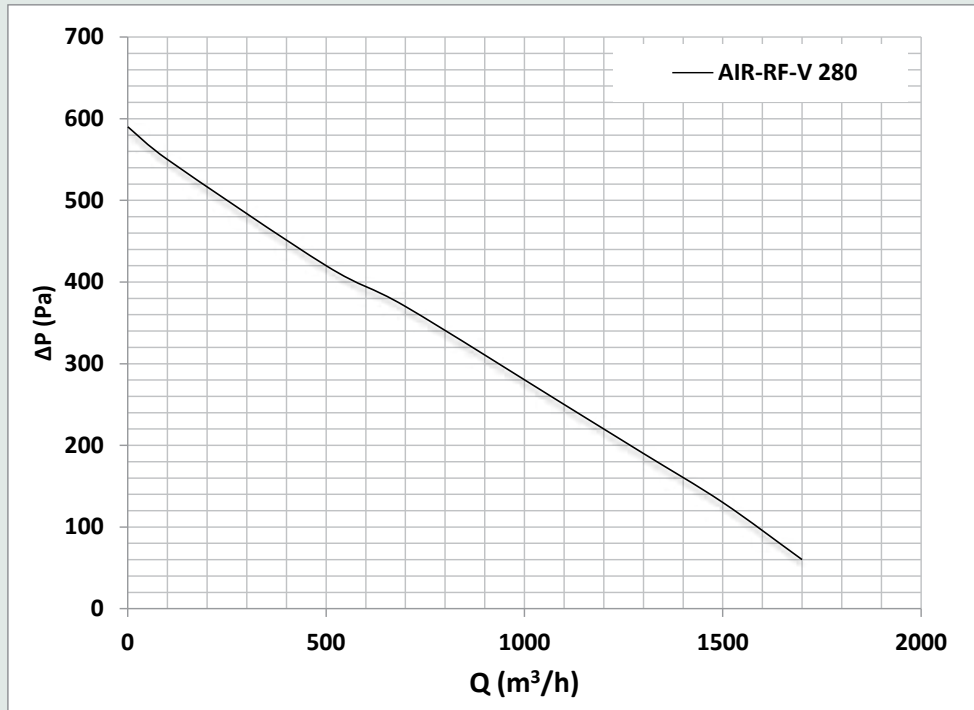
## Radial Type Vertical Stream Fan Series for Roofs



## Radial Type Vertical Stream Fan Series for Roofs

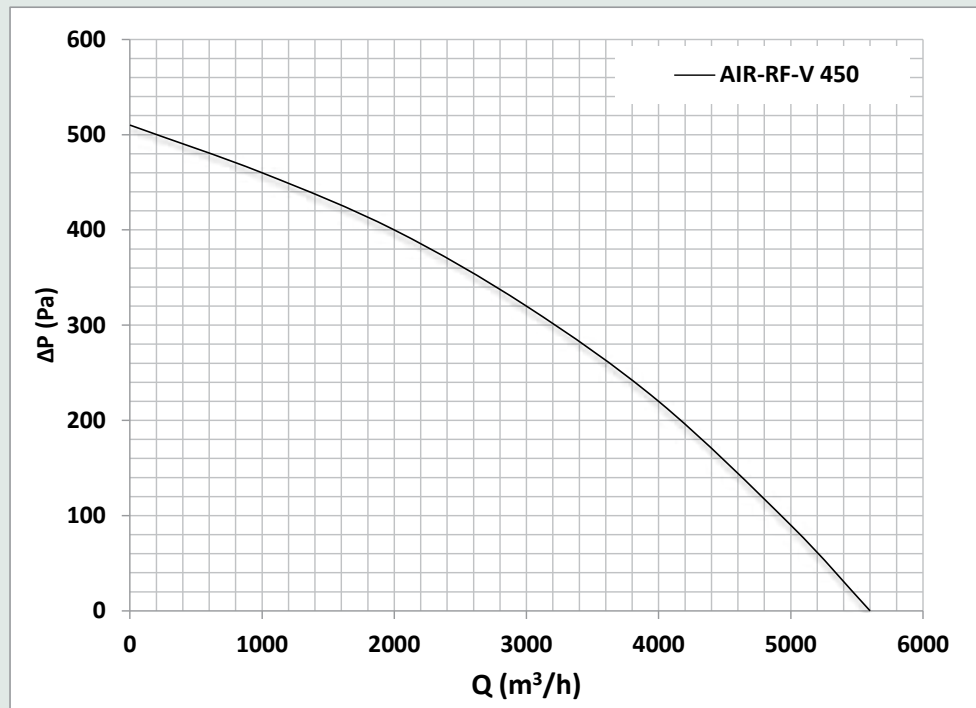
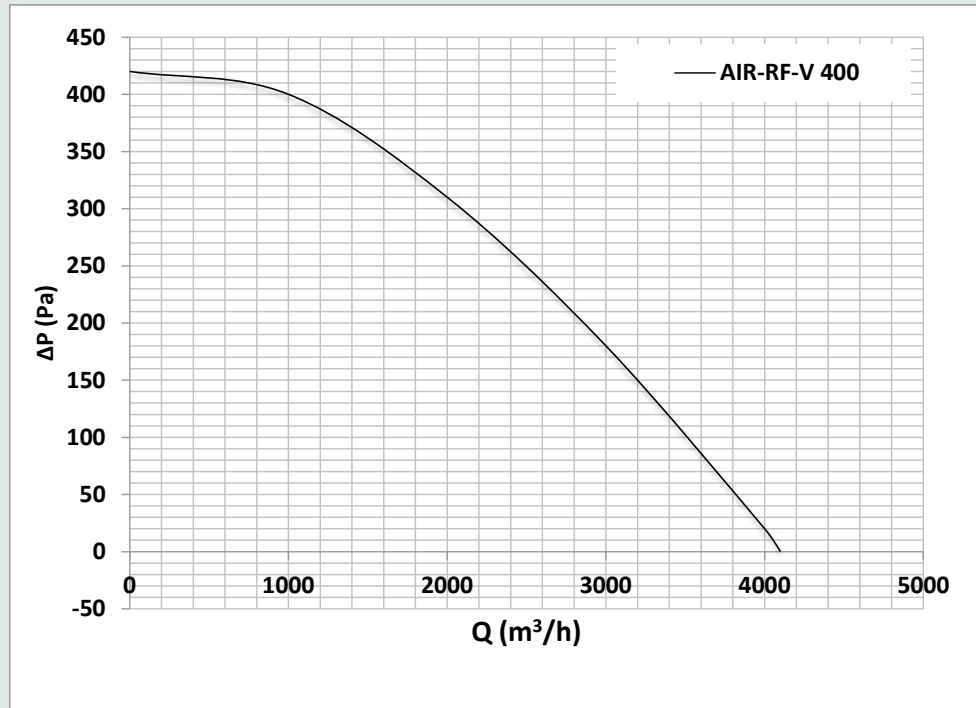


## Radial Type Vertical Stream Fan Series for Roofs

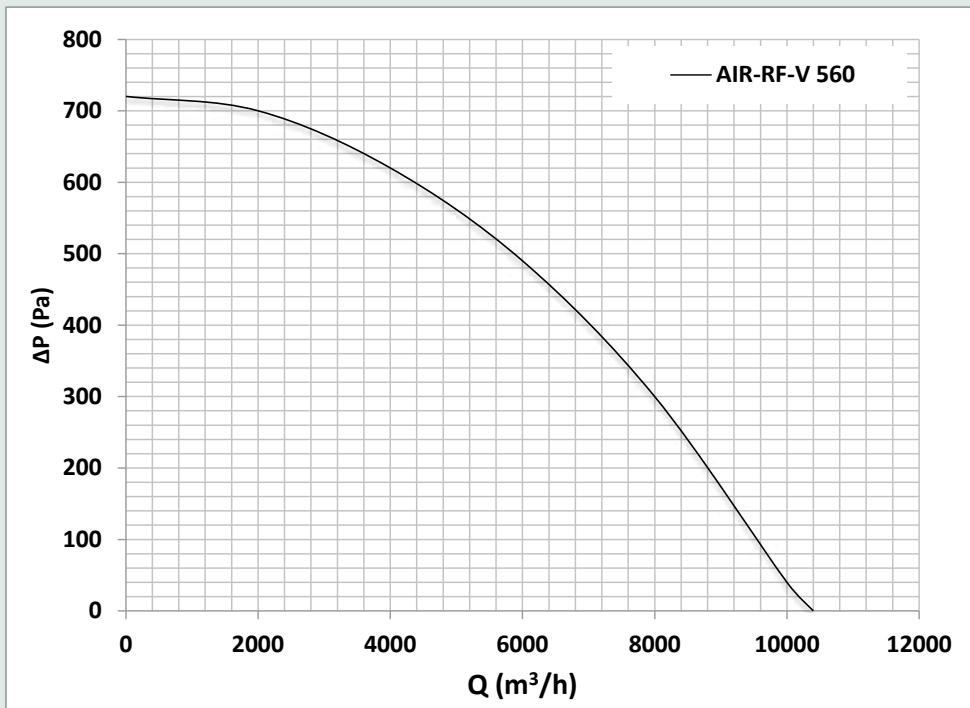
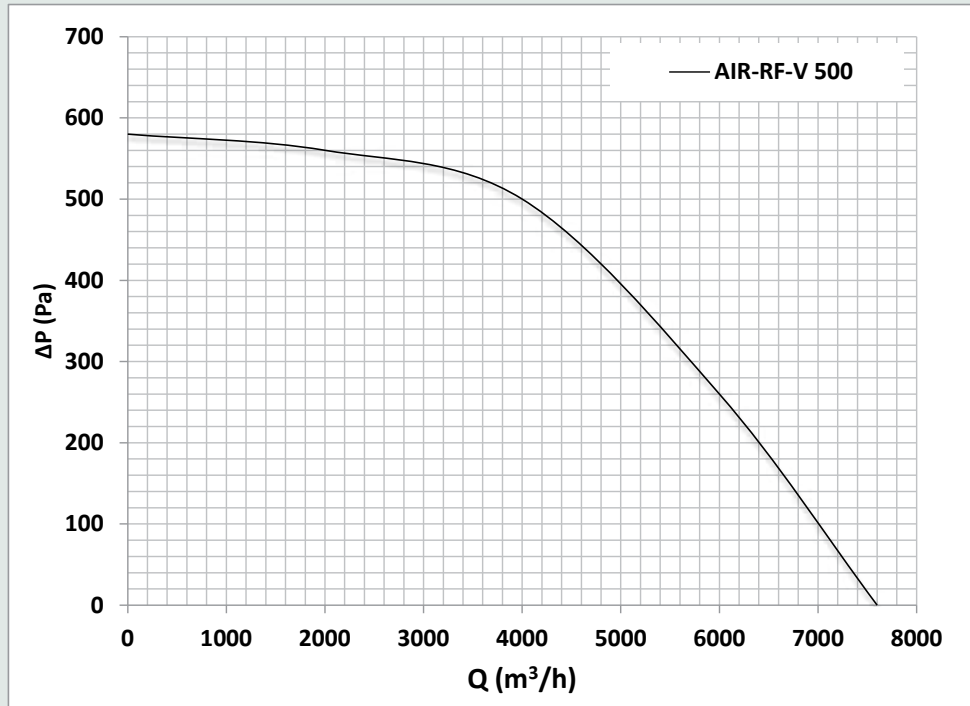




## Radial Type Vertical Stream Fan Series for Roofs



## Radial Type Vertical Stream Fan Series for Roofs





## Radial Type Vertical Stream Fans Driven by External Motor for Roofs Series

Aironn AIR-RF-VH Series fans are suitable to operate at maximum 120 °C. In order for you to make a selection to meet your need, 6 different models are available. It has high performance due to the backward inclined wheel with sparse fan blades. It provides easy access to the motor due to its easily mounted and unmounted roof design.

### Fan Body

Fan body is made of high quality galvanized steel. It can be optionally produced as electrostatic powder coated.

### Fan Blades

Backward inclined wheels with sparse fan blades used in AIR-RF-VH series are made of galvanized steel.

The wheels are statically and dynamically balanced in compliance with ISO 1940/1-2003.

### Motor

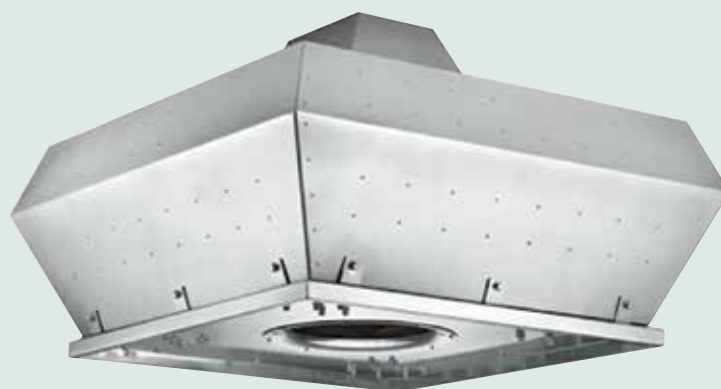
F insulation class motor is outside the air flow. Motors are suitable to use with inverters when required.

### Electricity

IP 55 electric terminal box made of plastic is standard.

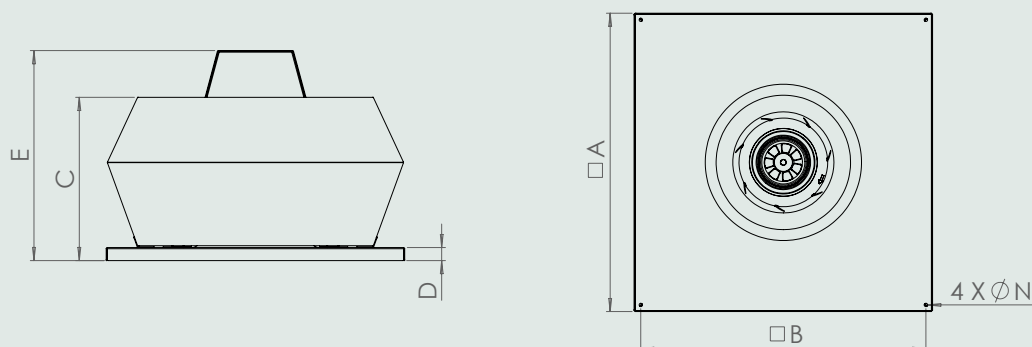
### Accessories

Inverter, Damper



## Radial Type Vertical Stream Fans Driven by External Motor for Roofs Series

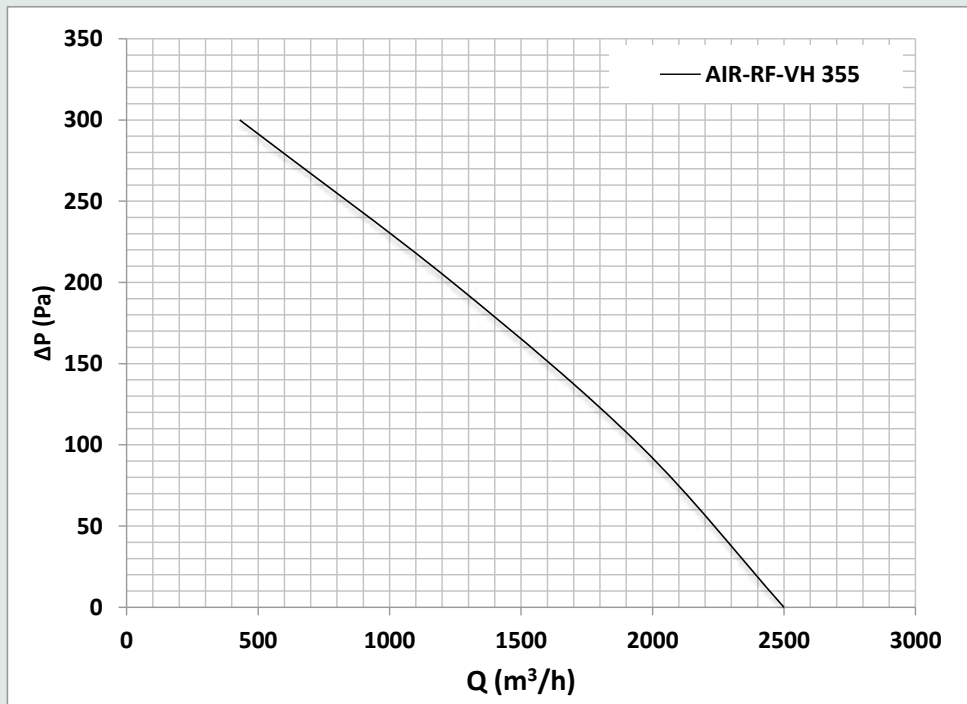
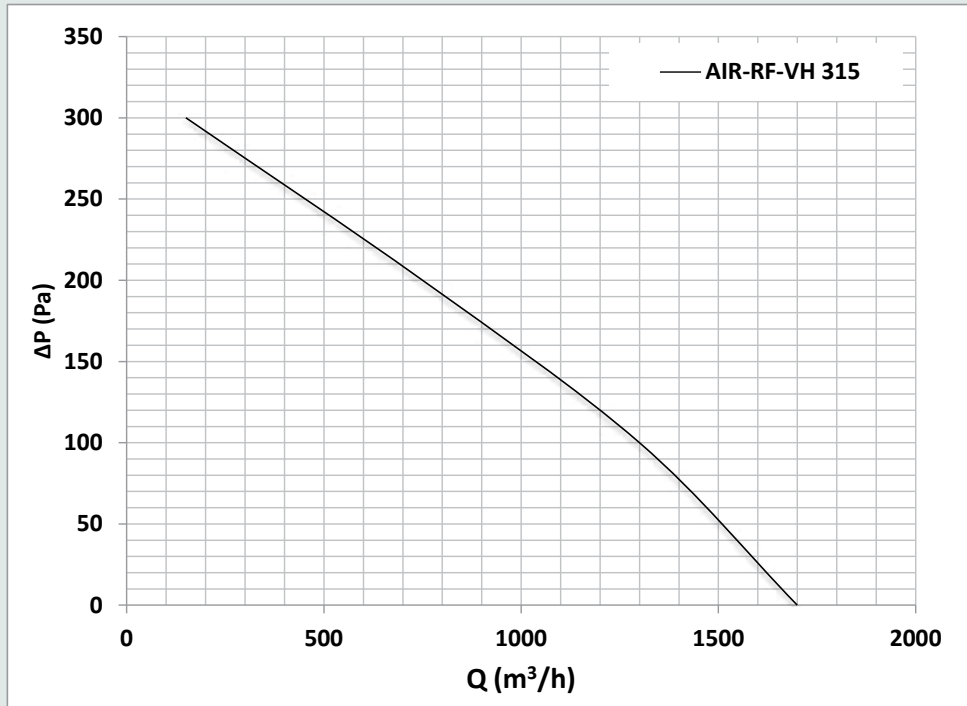
### Dimensions



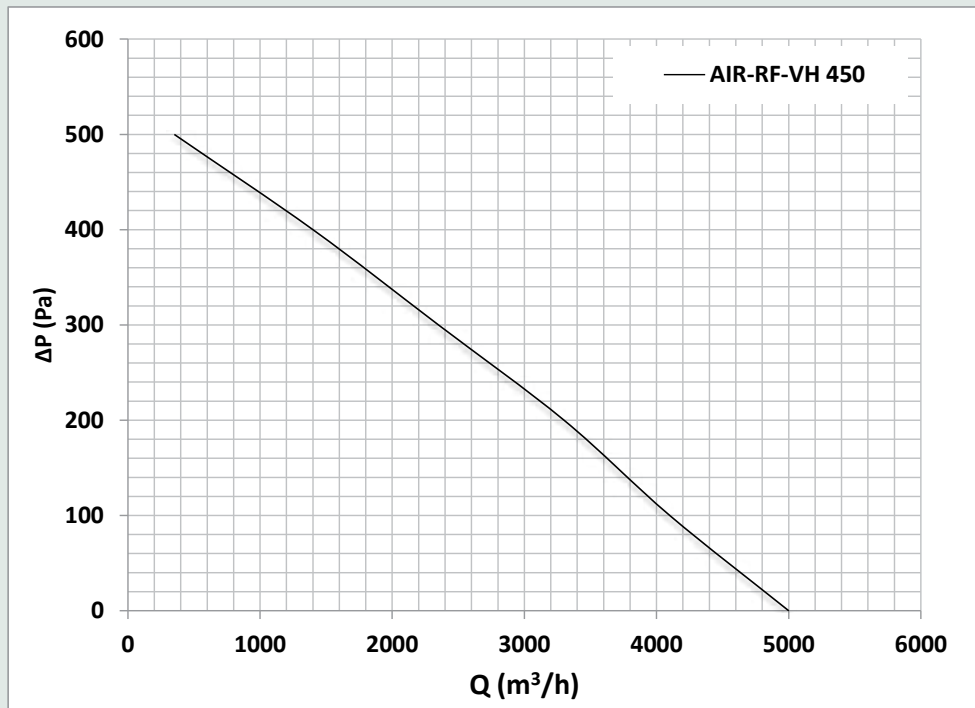
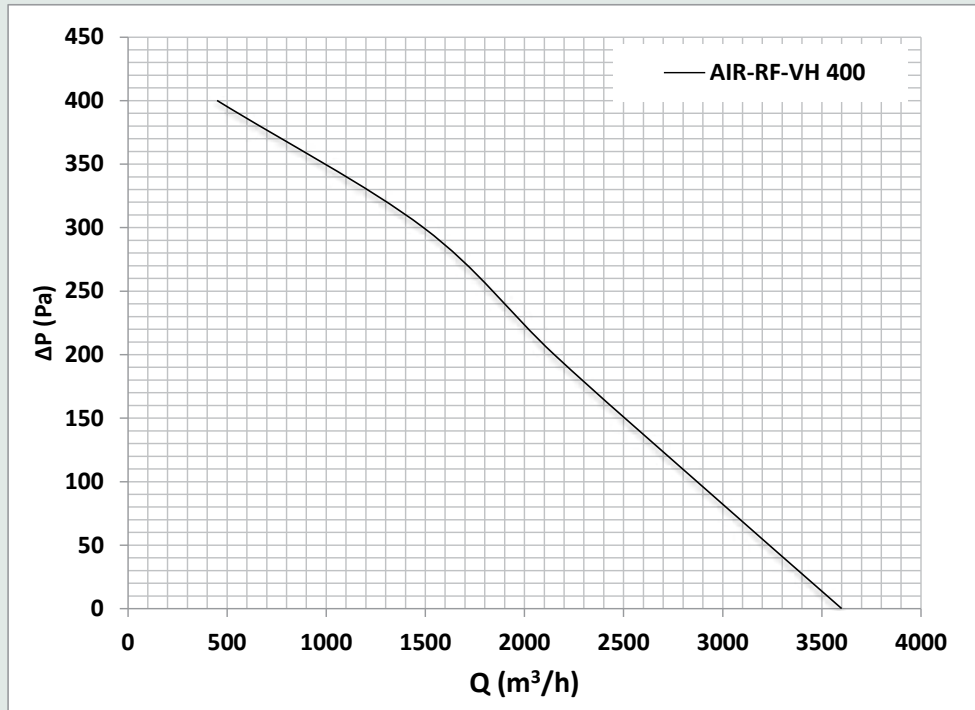
	A	B	C	D	E	Ø N
AIR-RF-VH 315	700	576	390	35	575	14
AIR-RF-VH 355	700	576	390	35	575	14
AIR-RF-VH 400	750	576	425	35	596	14
AIR-RF-VH 450	800	626	445	35	655	14
AIR-RF-VH 500	850	676	490	35	720	14
AIR-RF-VH 560	950	740	600	35	850	14

Type	Voltage V	Frequency Hz	Motor Power W	Current A	Motor Speed rpm	Noise dBA	Weight kg
AIR-RF-VH 315	230/380	50	250	1.8/0.81	1420	47	22
AIR-RF-VH 355	230/380	50	370	2.6/1.15	1410	49	27
AIR-RF-VH 400	230/380	50	370	2.6/1.15	1400	52	33
AIR-RF-VH 450	380	50	750	2	1370	54	38
AIR-RF-VH 500	380	50	1500	3,5	1350	57	49
AIR-RF-VH 560	380	50	2200	5,1	1350	65	58S

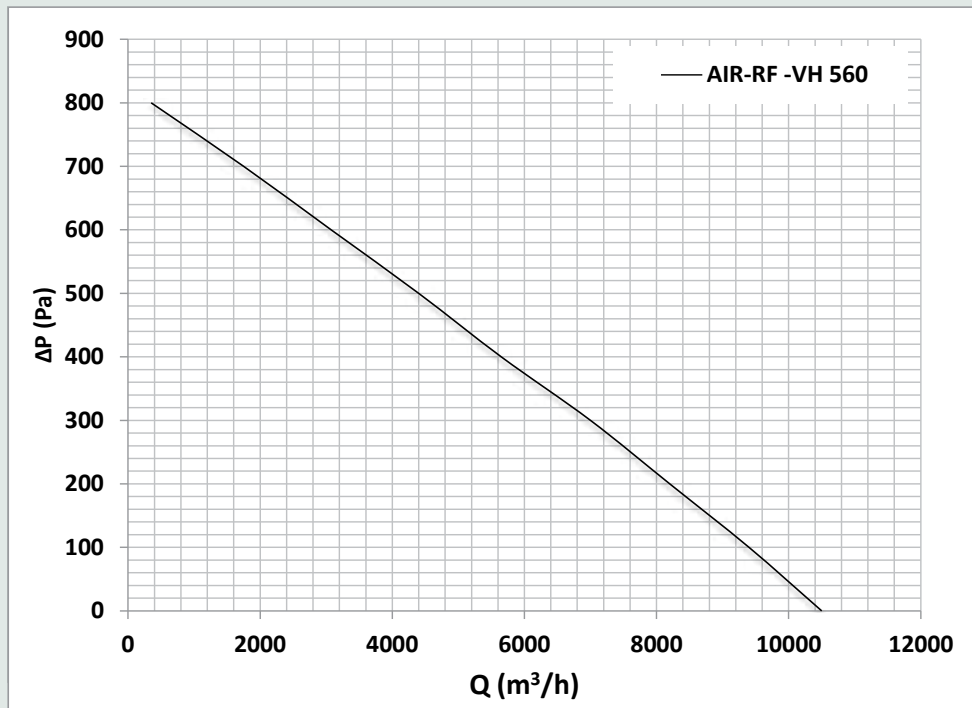
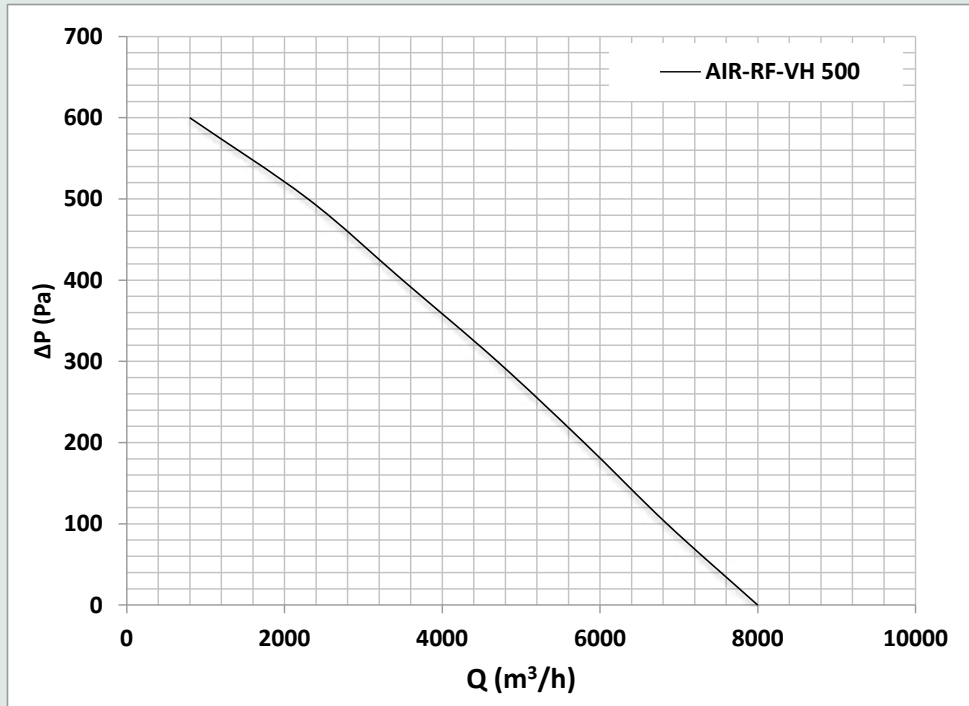
## Radial Type Vertical Stream Fans Driven by External Motor for Roofs Series



## Radial Type Vertical Stream Fans Driven by External Motor for Roofs Series



## Radial Type Vertical Stream Fans Driven by External Motor for Roofs Series







## Radial Type EC Vertical Stream Fan Series for Roofs

Aironn AIR-RF-V-... EC Series fans are suitable to operate at maximum 55 °C. In order for you to make a selection to meet your need, 8 different models are available. EC motor fans adjust motor speed by way of their smart speed units and provide high productivity and comfort. While productivity of AC motor fans is around 15-70% depending on the operating point, this value reaches up to 90% for EC motor fans. It provides easy access to the motor due to its easily mounted and unmounted roof design.

### Fan Body

Fan body is made of high quality galvanized steel. It can be optionally produced as electrostatic powder coated.

### Fan Blades

Wheels used in AIR-RF-V.. EC Series are made of PP plastic. The wheels are statically and dynamically balanced in compliance with ISO 1940/1-2003.

### Motor

B-F insulation class motor is inside the air flow.

### Electricity

IP 55 electric terminal box made of plastic is standard.

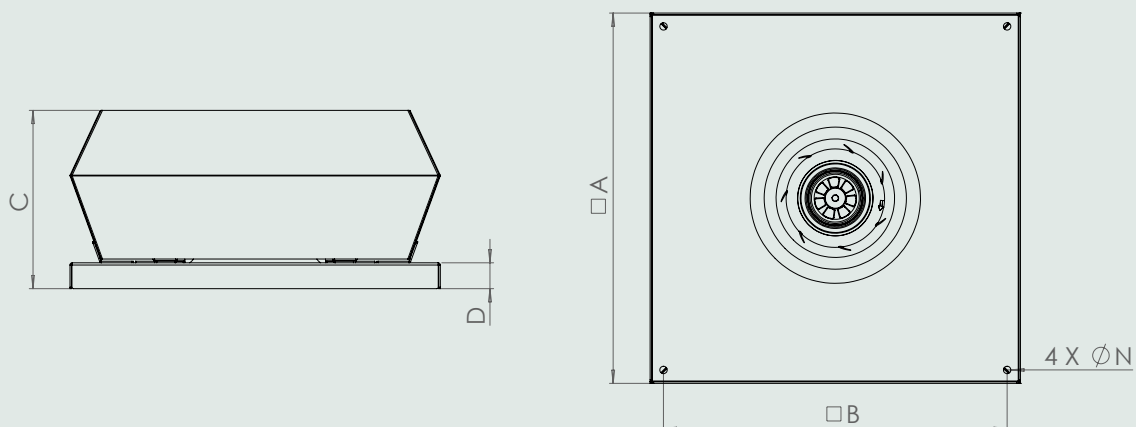
### Accessories

Smart Control Unit, Damper



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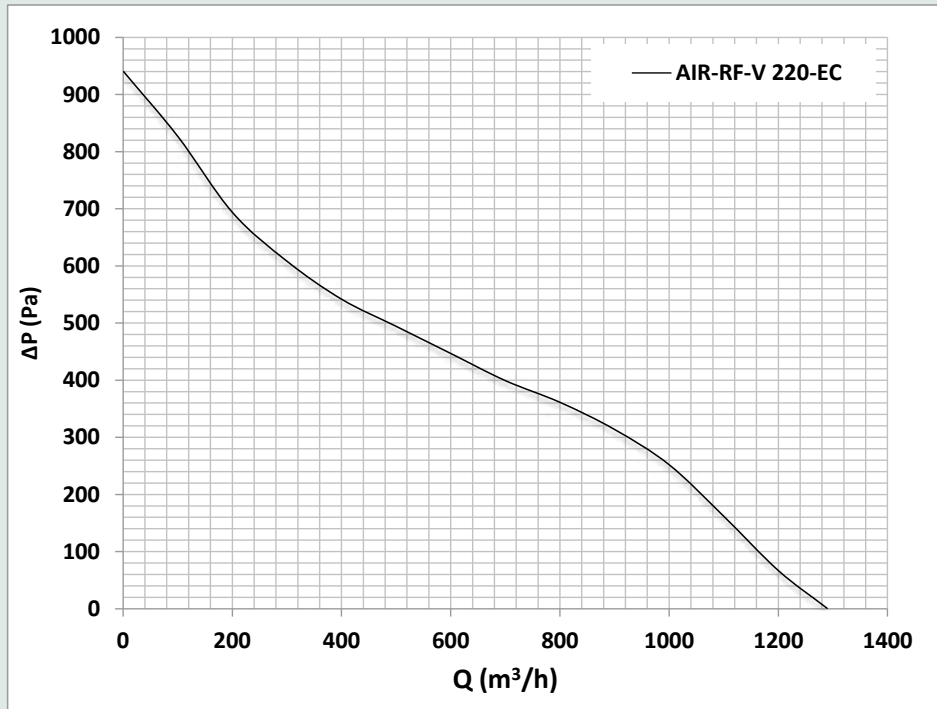
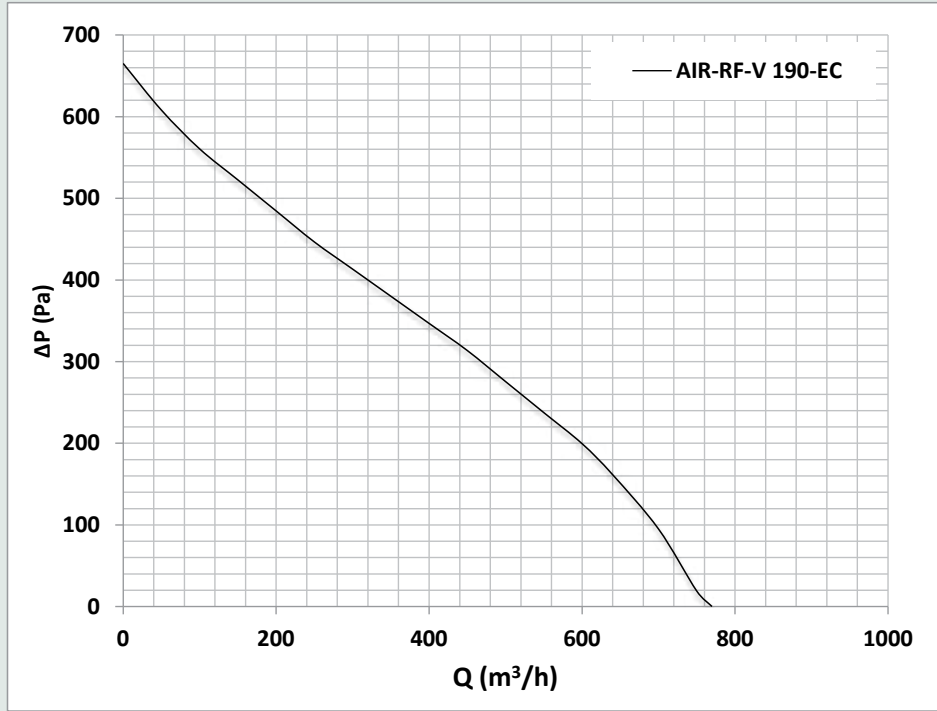
## Dimensions



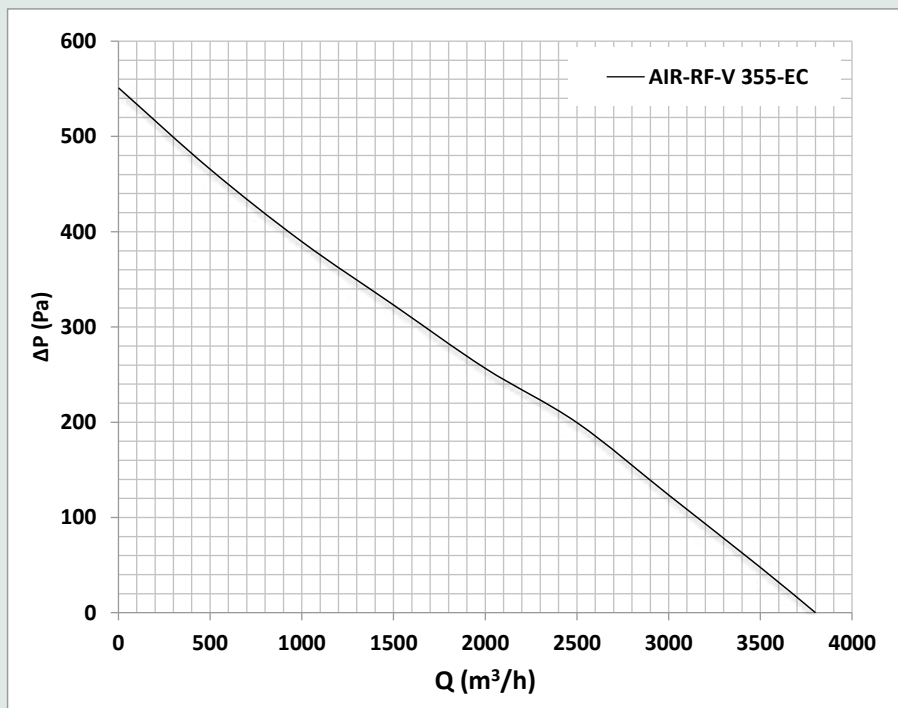
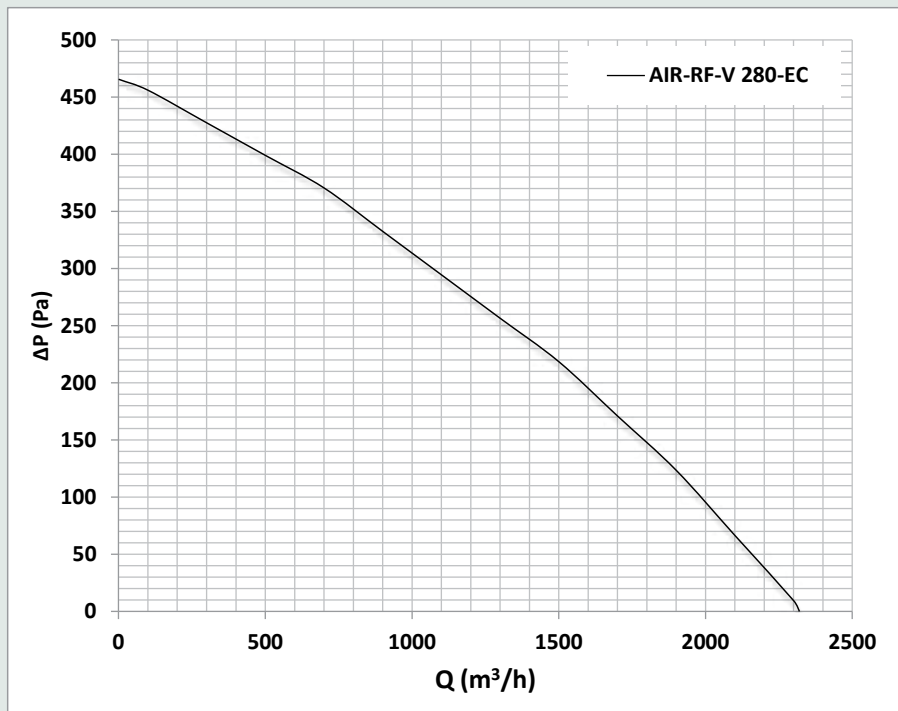
	A	B	C	D	Ø N
AIR-RF-V 220 EC	465	415	225	35	7
AIR-RF-V 280 EC	560	510	310	35	7
AIR-RF-V 355 EC	695	645	375	35	7
AIR-RF-V 400 EC	715	665	375	35	7
AIR-RF-V 450 EC	895	845	440	35	9
AIR-RF-V 500 EC	895	845	440	35	9
AIR-RF-V 560 EC	1145	1095	530	35	9
AIR-RF-V 630 EC	1145	1095	600	35	11

Type	Voltage V	Frequency Hz	Motor Power W	Current A	Motor Speed rpm	Noise dBA	Weight kg
AIR-RF-V 220 EC	200-240	50	168	1,4	3230	77	10,8
AIR-RF-V 280 EC	200-240	50	168	1,4	1910	74	14,4
AIR-RF-V 355 EC	200-277	50	250	1,1	1450	76	25,9
AIR-RF-V 400 EC	200-277	50	500	2,2	1500	80	29,35
AIR-RF-V 450 EC	380-480	50	950	1,5	1550	80	43,6
AIR-RF-V 500 EC	200-277	50	750	3,3	1100	77	49
AIR-RF-V 560 EC	380-480	50	2360	3,65	1540	86	65
AIR-RF-V 630 EC	380-480	50	2800	4,2	1300	89	73

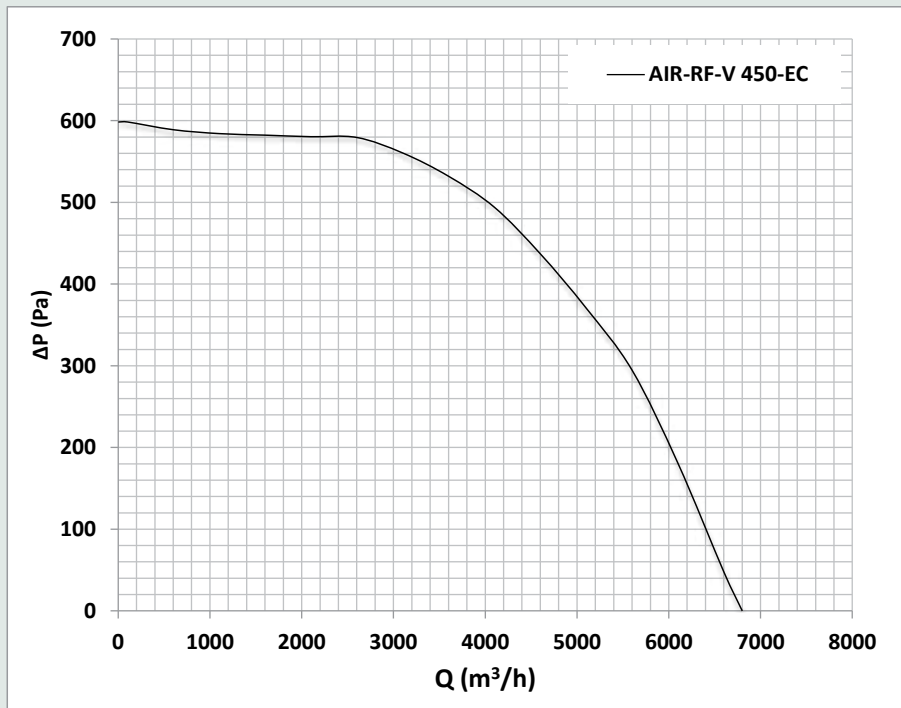
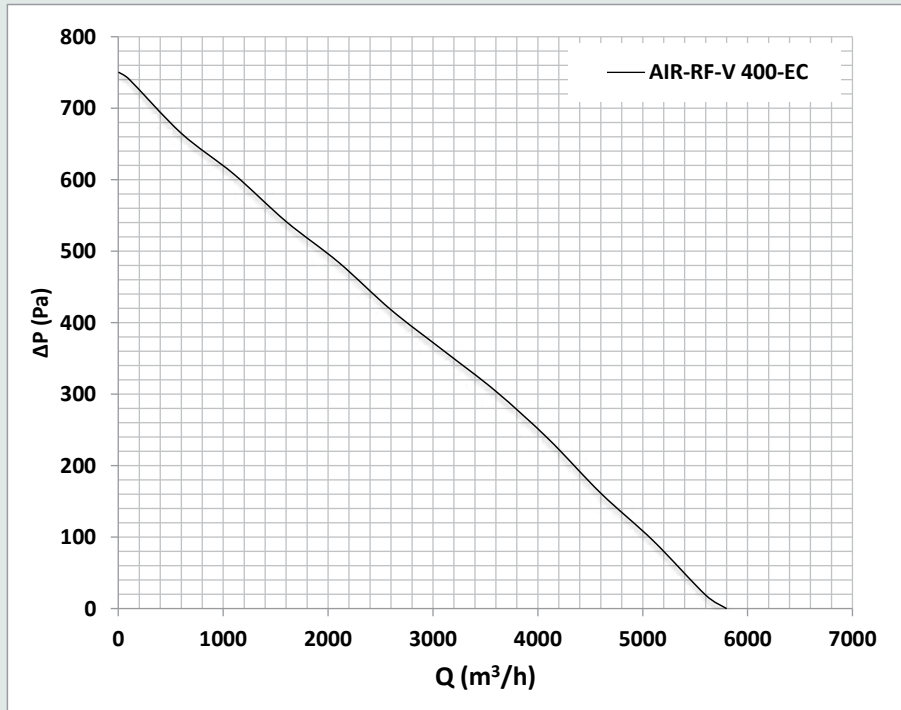
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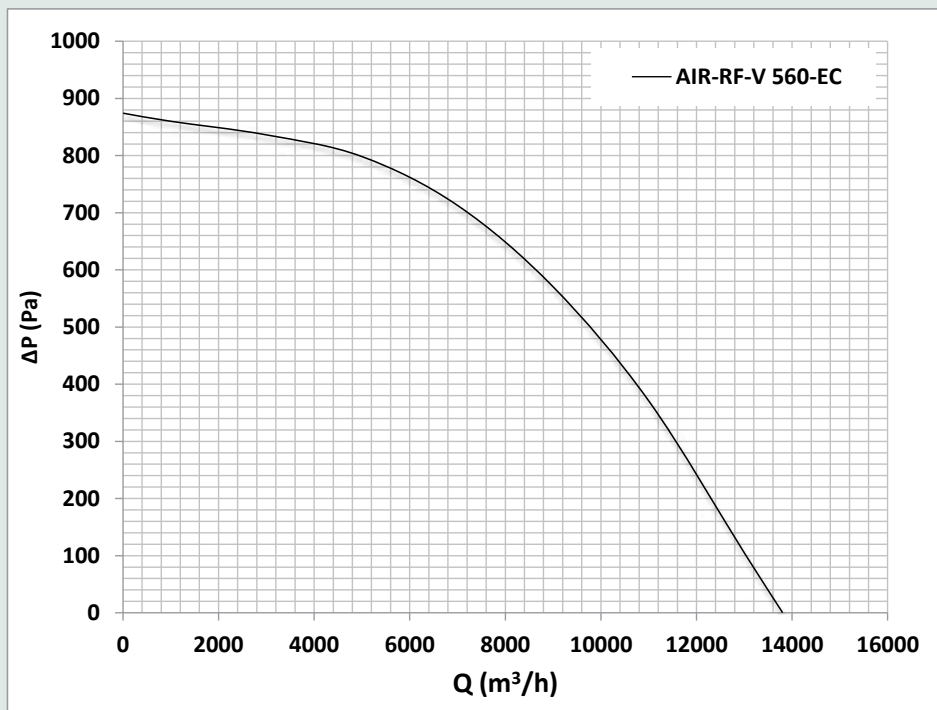
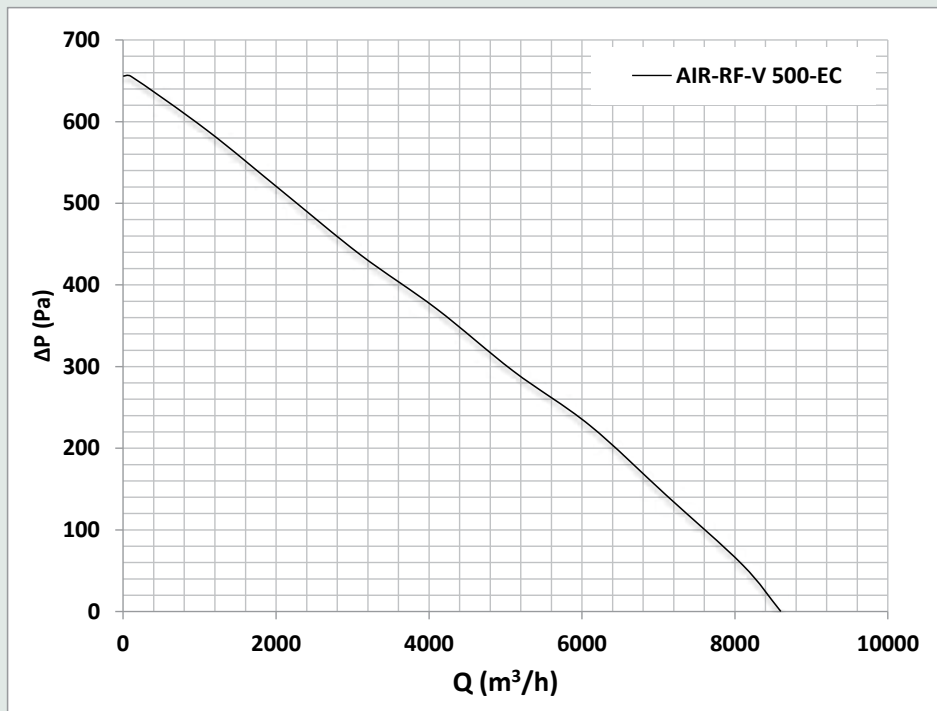
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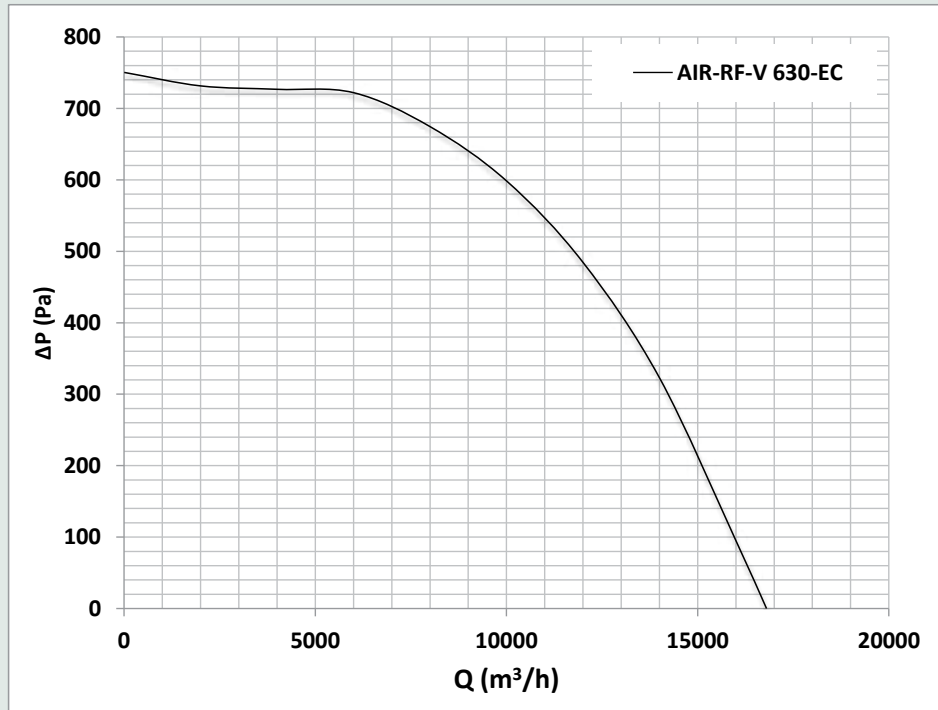
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“FAN ENGINEERING”

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