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ENERGY EFFICIENT VENTILATION

Östberg is one of the leading producers of radial fans in the world. In the early 1970s, the founder and owner of the company designed the first circular and rectangular in-line radial duct fans in history with external rotor motors and straight-through airflow (180°). We have continued to develop new products and today offer a wide product range of centrifugal in-line duct fans, roof fans, wall fans and energy recovery units. Our goal is to always offer the highest-quality products at competitive prices. The company is certified according to the quality and environment standards ISO 9001 and ISO 14001. These high demands guarantee an efficient and rational production of high-standard fans. All our fans are tested before delivery, which gives us 100% control of production. Air quality directly affects the way we feel, not only physically but also mentally. Therefore use high-quality products from Östberg in order to achieve a healthy indoor climate with energy-efficient ventilation.

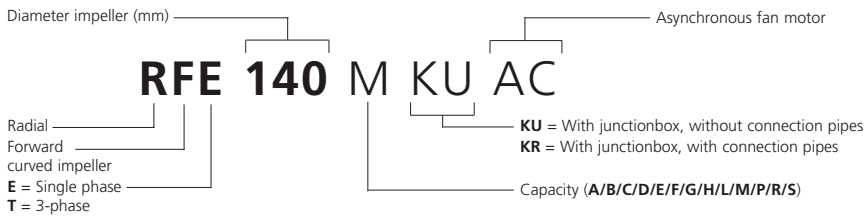


The following two symbols are used in this catalogue:



Products marked with the AC and EC symbols are approved for use in the EU, EFTA & EEA countries.

SINGLE INLET



RF..... 326
 The RF single inlet radial fan is intended for the OEM market. It is compact and has high capacity and low sound levels. Ideal for use in, for example, dehumidifiers and air cleaners.
 RF is available with AC motor.
 Airflows up to 8.200 m³/h (2.28 m³/s).

DOUBLE INLET



DF..... 352
 The DF double inlet radial fan has an external rotor motor placed in the middle of the impeller, which makes a very compact design. DF fans are ideal to use in different applications where high pressure, large air volumes and low sound levels are demanded but with only a minimum amount of space available.
 DF is available with AC motor.
 Airflows up to 940 m³/h (0.26 m³/s).

RADIAL FAN

RFE 120 M AC



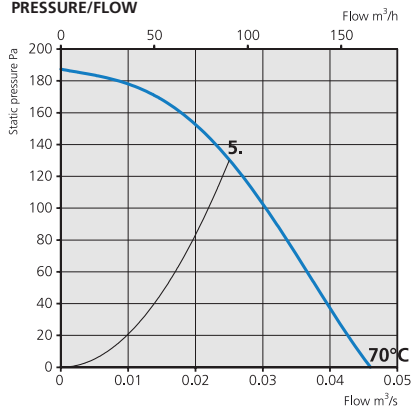
- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

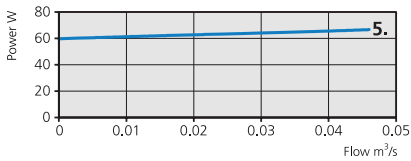
ACCESSORIES

- Outlet flange to RFE 120 M KU
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

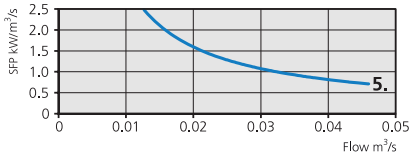
PRESSURE/FLOW



POWER/FLOW



SFP



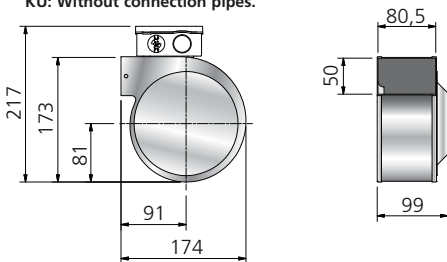
TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

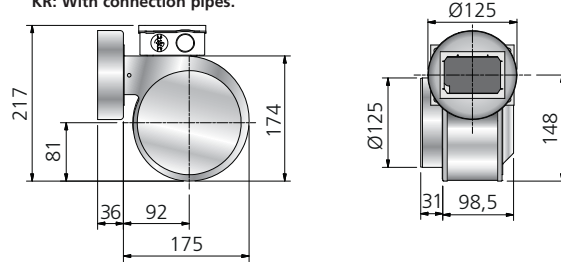
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



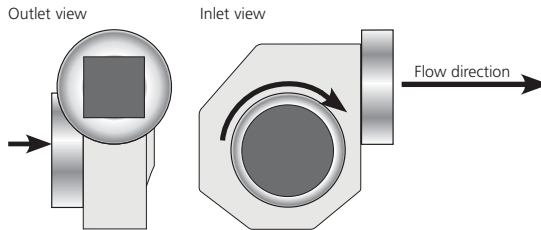
TECHNICAL DATA

RFE 120 M AC	Art.no. KU 7700123 / KR 7700295
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.29 A
Power	67 W
Speed (Pole no. 2)	1510 rpm
Capacitor	2 µF
Max. temperature of transported air	75 C°
Max. temperature of transported air when speed controlled	75 C°
Sound pressure level at 3 m	53 dB(A)
Weight	2.0 kg
Wiring diagram	4040001

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	53	60	33	38	48	57	54	51	51	45
5. Outlet 230V		67	58	56	60	64	59	52	50	45
5. Inlet 230V		65	55	56	62	61	53	48	48	40

CLOCKWISE ROTATION





ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

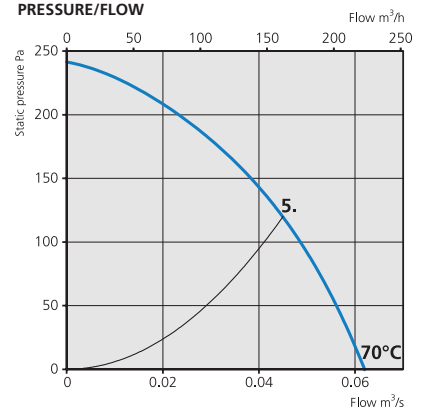
TECHNICAL DATA

RFE 140 A AC	Art.no. KU 7720210 / KR 7720229
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.28 A
Power	62 W
Speed (Pole no. 2)	830 rpm
Capacitor	4 µF
Max. temperature of transported air	70 C°
Max. temperature of transported air when speed controlled	70 C°
Sound pressure level at 3 m	48 dB(A)
Weight	2.9 kg
Wiring diagram	4040002

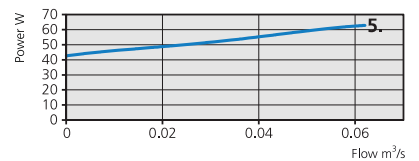
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	48	55	31	33	44	49	51	50	47	40
5. Outlet 230V		65	50	58	58	58	59	54	52	47
5. Inlet 230V		63	49	57	58	57	53	51	50	43

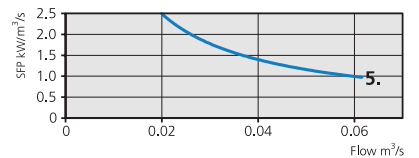
PRESSURE/FLOW



POWER/FLOW



SFP

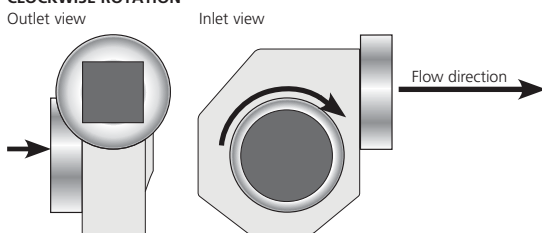


TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

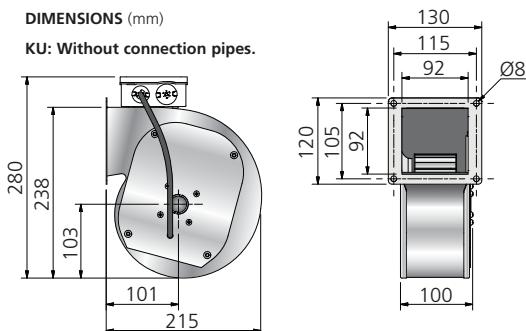
Measured when connected to duct on the inlet.

CLOCKWISE ROTATION

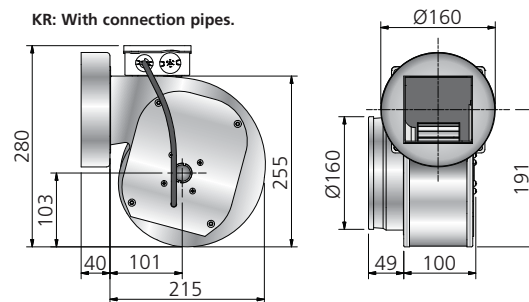


DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFE 140 B AC



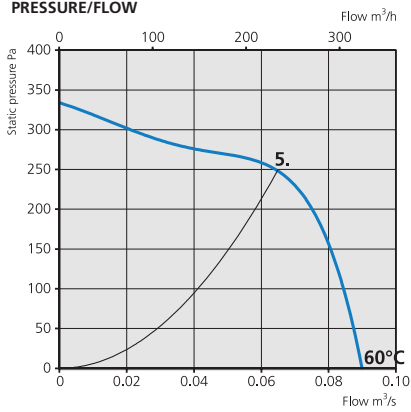
- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

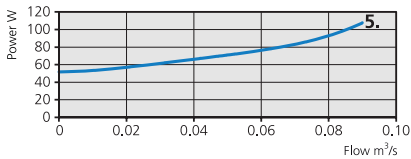
ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

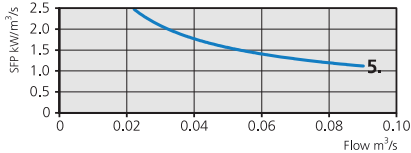
PRESSURE/FLOW



POWER/FLOW



SFP



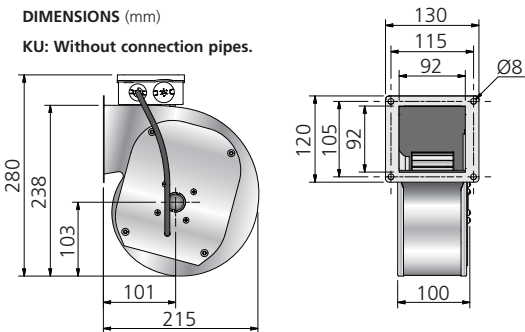
TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

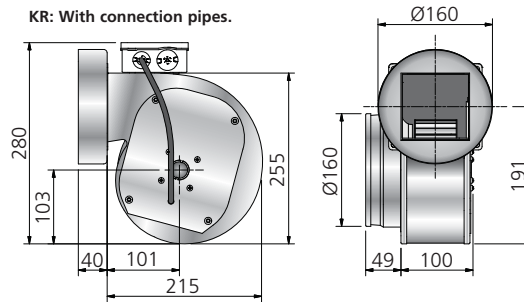
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



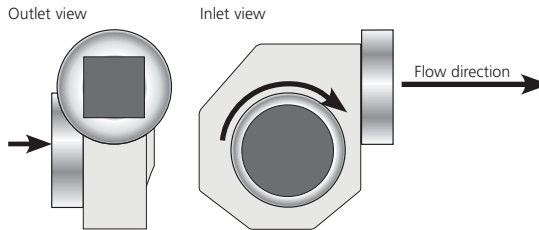
TECHNICAL DATA

RFE 140 B AC	Art.no. KU 7720211 / KR 7720230
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.46 A
Power	105 W
Speed (Pole no. 2)	1190 rpm
Capacitor	2 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	58 dB(A)
Weight	2.9 kg
Wiring diagram	4040001

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	58	65	41	43	54	58	58	60	59	52
5. Outlet 230V		72	56	63	65	66	65	63	65	60
5. Inlet 230V		70	56	64	65	65	60	60	59	56

CLOCKWISE ROTATION





ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

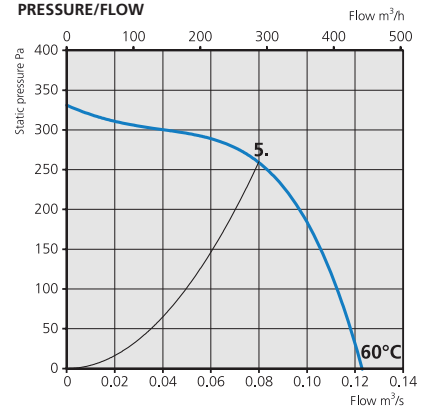
- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

TECHNICAL DATA

RFE 140 C AC	Art.no. KU 7720212 / KR 7720231
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.56 A
Power	129 W
Speed (Pole no. 2)	1700 rpm
Capacitor	4 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	59 dB(A)
Weight	2.9 kg
Wiring diagram	4040001

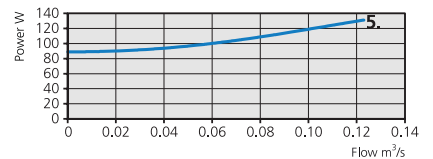
PRESSURE/FLOW



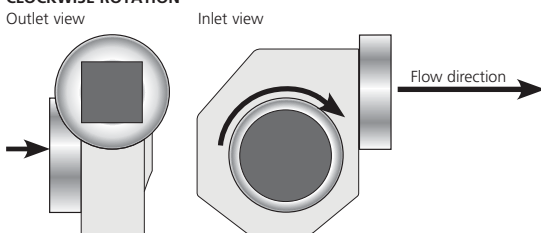
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	59	66	40	43	55	60	59	62	60	53
5. Outlet 230V		74	56	63	66	67	66	66	64	64
5. Inlet 230V		71	53	60	67	67	59	60	60	57

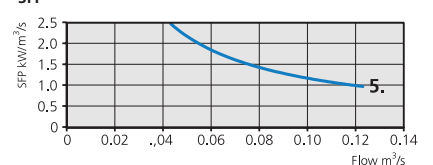
POWER/FLOW



CLOCKWISE ROTATION



SFP



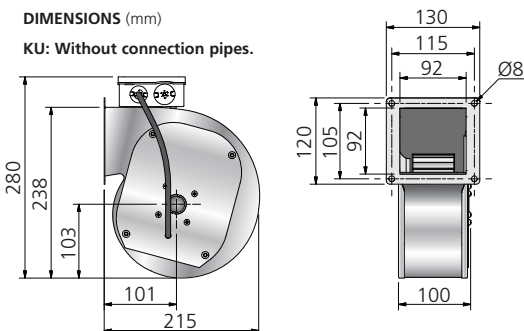
TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

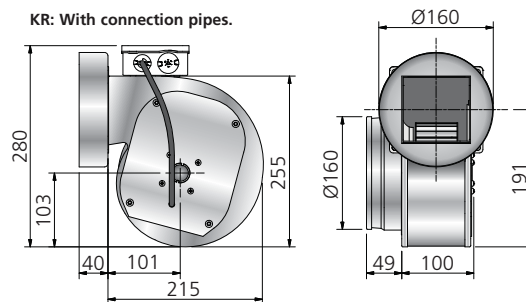
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFE 140 D AC



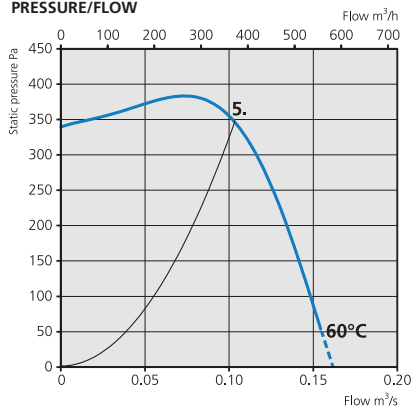
- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

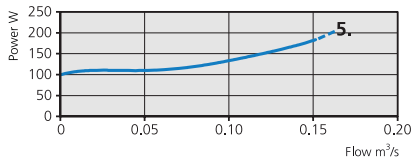
ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

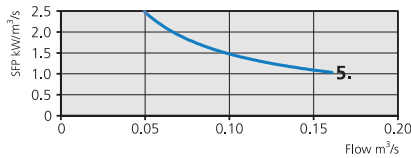
PRESSURE/FLOW



POWER/FLOW



SFP



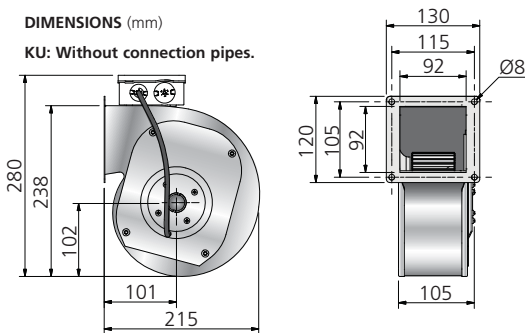
TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

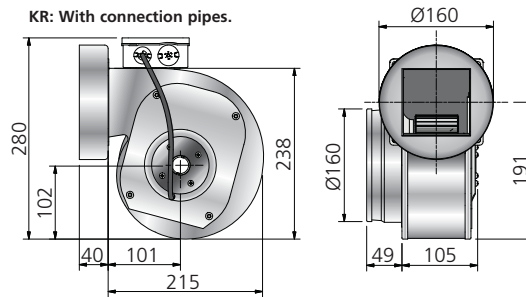
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



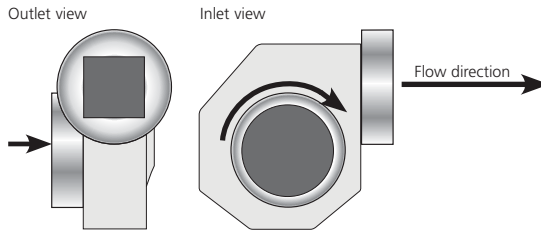
TECHNICAL DATA

RFE 140 D AC	Art.no. KU 7720254 / KR 7720256
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.86 A
Power	198 W
Speed (Pole no. 2)	1800 rpm
Capacitor	4 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	45 dB(A)
Weight	3.8 kg
Wiring diagram	4040001

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	21	35	45	43	46	46	44	40
5. Outlet 230V		78	62	68	73	71	69	68	68	69
5. Inlet 230V		75	55	68	70	69	63	66	65	63

CLOCKWISE ROTATION





ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

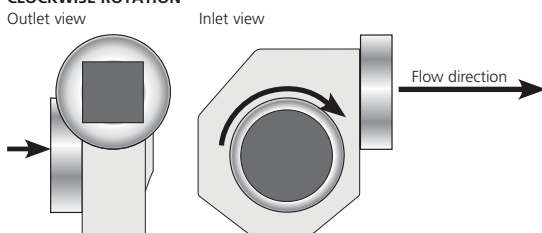
TECHNICAL DATA

RFE 140 L AC	Art.no. KU 7700002 / KR 7700003
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.27 A
Power	62 W
Speed (Pole no. 2)	1240 rpm
Capacitor	4 µF
Max. temperature of transported air	80 C°
Max. temperature of transported air when speed controlled	80 C°
Sound pressure level at 3 m	52 dB(A)
Weight	2.7 kg
Wiring diagram	4040002

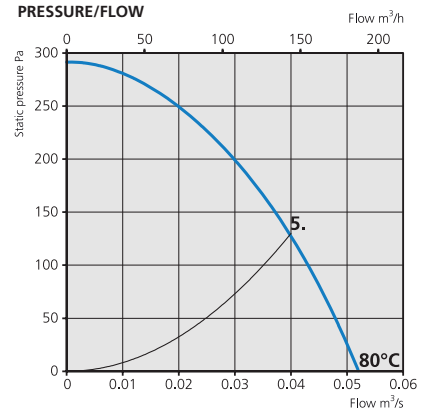
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	52	59	34	42	48	53	54	54	51	44
5. Outlet 230V		68	54	61	64	62	60	56	57	53
5. Inlet 230V		66	50	59	63	60	55	52	53	48

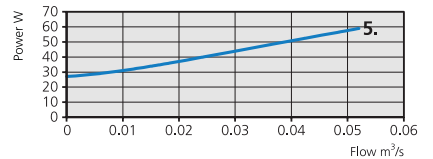
CLOCKWISE ROTATION



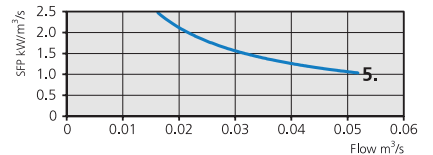
PRESSURE/FLOW



POWER/FLOW



SFP



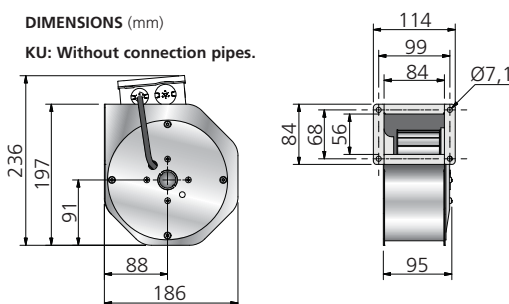
TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

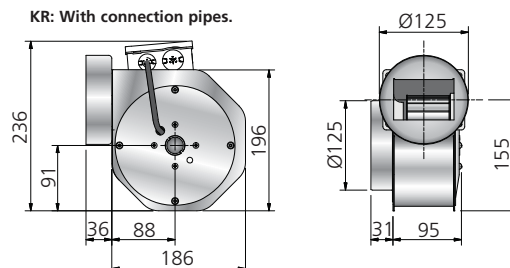
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFE 140 M AC



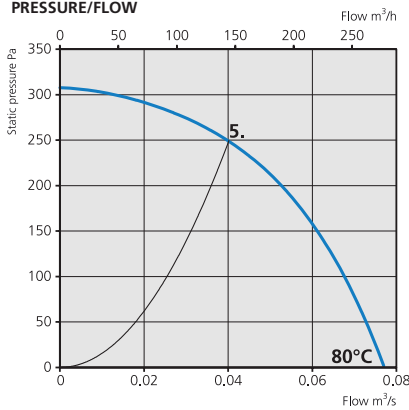
- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

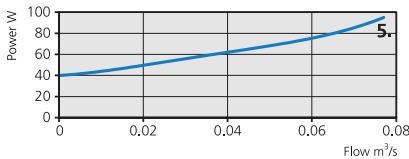
ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

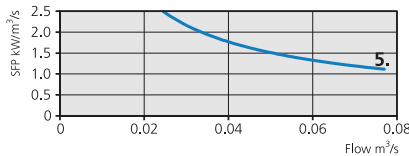
PRESSURE/FLOW



POWER/FLOW



SFP



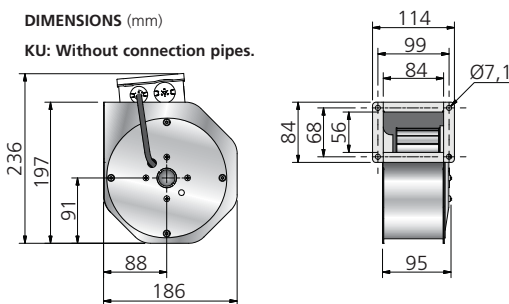
TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

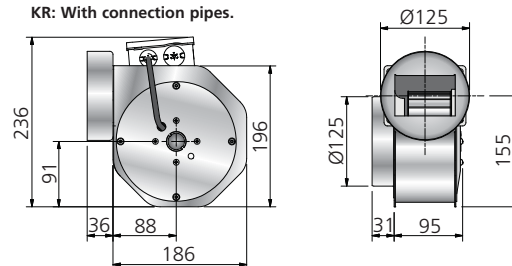
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



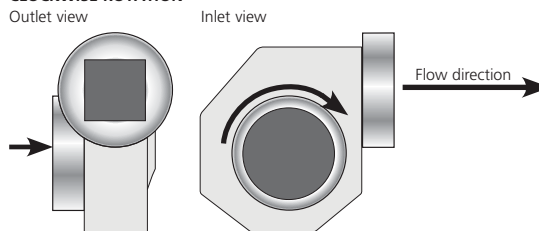
TECHNICAL DATA

RFE 140 M AC	Art.no. KU 7700005 / KR 7700006
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.41 A
Power	94 W
Speed (Pole no. 2)	1940 rpm
Capacitor	2 µF
Max. temperature of transported air	80 C°
Max. temperature of transported air when speed controlled	80 C°
Sound pressure level at 3 m	63 dB(A)
Weight	2.7 kg
Wiring diagram	4040001

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	63	70	49	49	58	63	64	65	62	60
5. Outlet 230V		76	67	67	68	69	67	69	65	62
5. Inlet 230V		74	67	69	68	67	63	62	61	58

CLOCKWISE ROTATION





- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

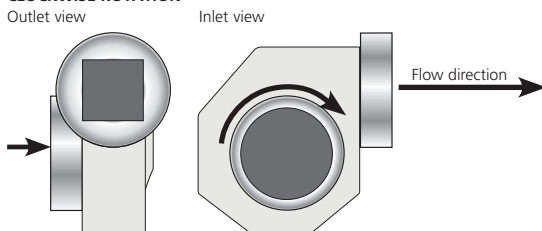
TECHNICAL DATA

RFE 200 C AC	Art.no. KU 7710016 / KR 7710017
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.83 A
Power	190 W
Speed (Pole no. 4)	1200 rpm
Capacitor	6 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	56 dB(A)
Weight	6.0 kg
Wiring diagram	4040001

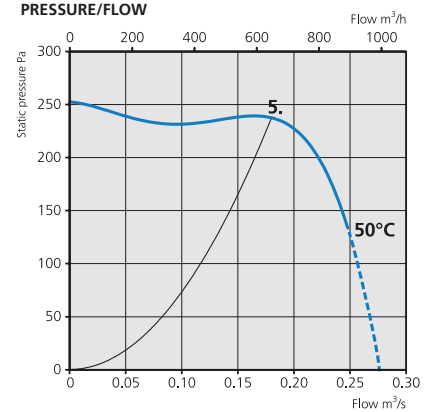
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	56	63	43	47	57	54	58	57	54	46
5. Outlet 230V		72	57	58	66	64	67	62	63	57
5. Inlet 230V		68	57	60	64	58	61	58	58	50

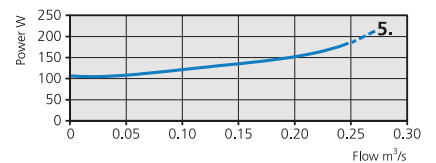
CLOCKWISE ROTATION



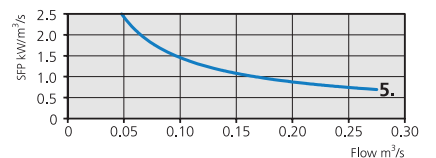
PRESSURE/FLOW



POWER/FLOW



SFP



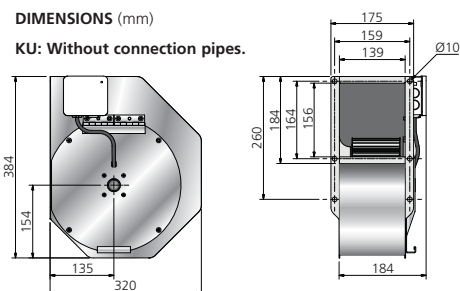
TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

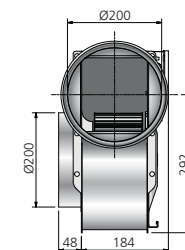
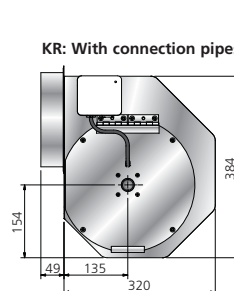
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFE 225 D AC

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

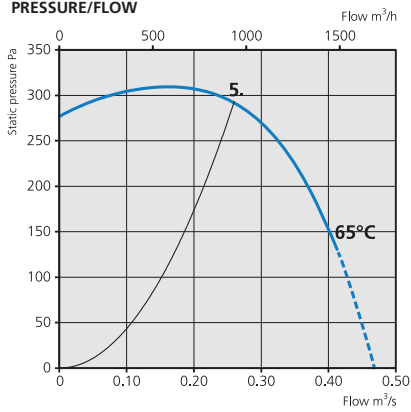
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- This product is not approved for use in the EU, EFTA or EEA countries.



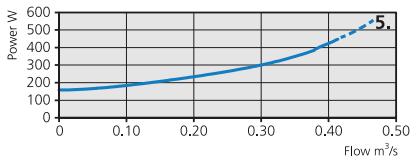
ACCESSORIES

- Transformer VRDE 3, VRTE 3
- Electronic speed controller, VRS 4.0

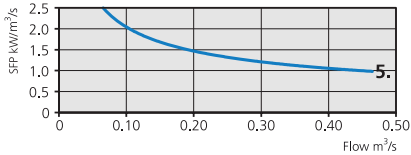
PRESSURE/FLOW



POWER/FLOW



SFP



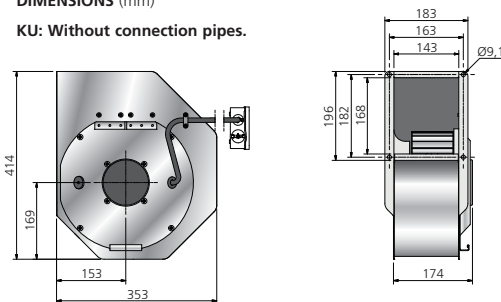
TRANSFORMER STEPS

1. 80W
2. 110V
3. 135V
4. 165V
5. 230V

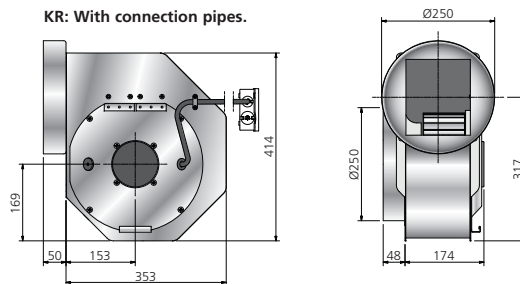
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



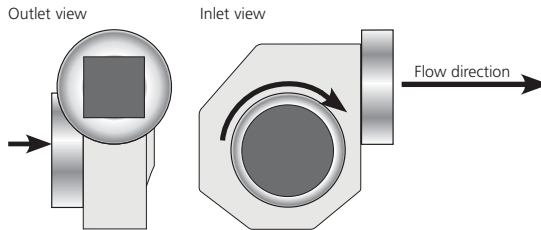
TECHNICAL DATA

RFE 225 D AC	Art.no. KU 7720011 / KR 7720012
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	1.91 A
Power	425 W
Speed (Pole no. 6)	1287 rpm
Capacitor	8 µF
Max. temperature of transported air	65 °C
Max. temperature of transported air when speed controlled	65 °C
Sound pressure level at 3 m	66 dB(A)
Weight	9.6 kg
Wiring diagram	4040001

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	66	73	42	47	61	63	69	68	65	60
5. Outlet 230V		78	57	62	68	69	74	71	70	65
5. Inlet 230V		75	56	61	65	63	72	70	68	63

CLOCKWISE ROTATION



RFT 225 D ErP AC



ACCESSORIES

- Transformer VRDT 2, VRTT 2

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

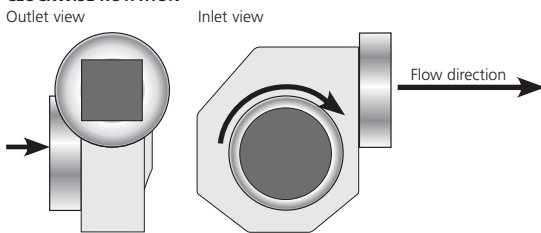
TECHNICAL DATA

RFT 225 D ErP AC	Art.no. KU 7720097 / KR 7720098
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	0.82 / 1.43 A
Power	445 W
Speed (Pole no. 6)	1328 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	66 dB(A)
Weight	9.8 kg
Wiring diagram	Y 4040004 / Δ 4040003

SOUND DATA

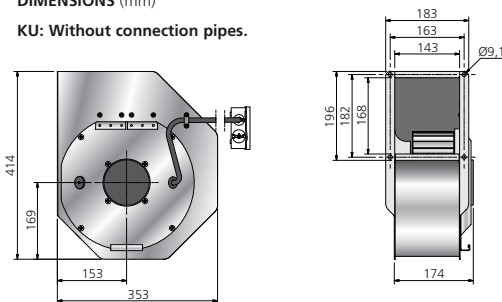
	L _{pA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	66	73	50	48	61	63	69	68	65	60
5. Outlet 400V		76	57	60	68	67	71	70	69	63
5. Inlet 400V		75	55	59	65	63	72	70	68	63

CLOCKWISE ROTATION

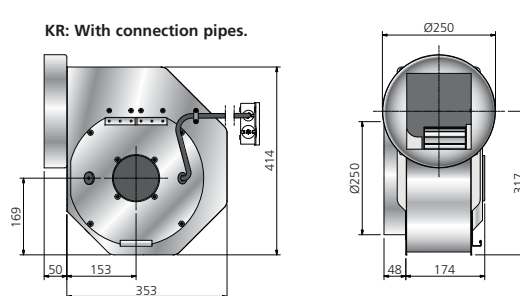


DIMENSIONS (mm)

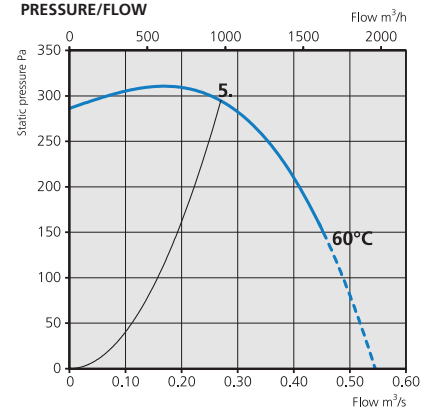
KU: Without connection pipes.



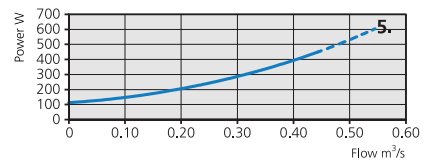
KR: With connection pipes.



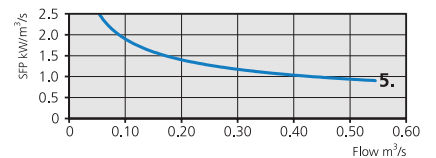
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

Measured when connected to duct on the inlet.

RADIAL FAN

RFE 250 B AC

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

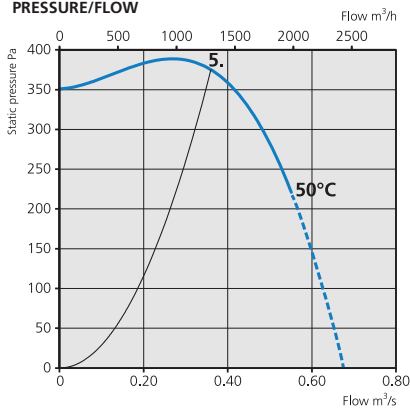
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- This product is not approved for use in the EU, EFTA or EEA countries.



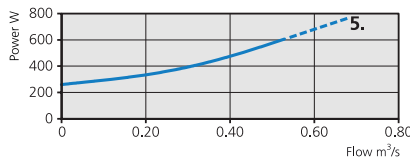
ACCESSORIES

- Transformer VRDE 3, VRTE 3
- Electronic speed controller, VRS 4.0

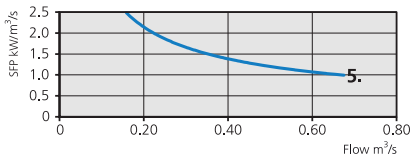
PRESSURE/FLOW



POWER/FLOW



SFP



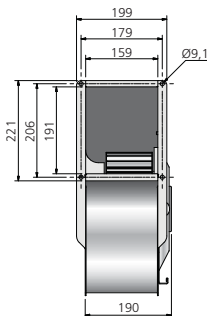
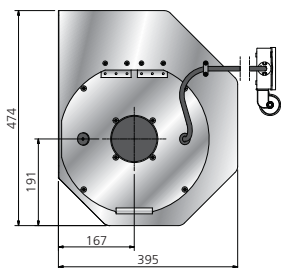
TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

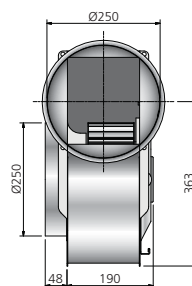
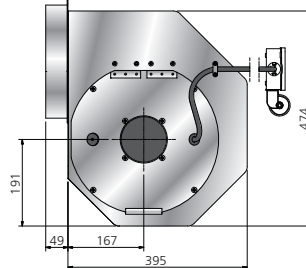
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



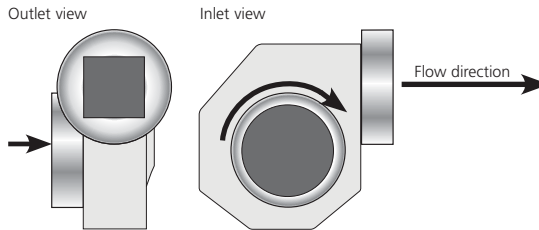
TECHNICAL DATA

RFE 250 B AC	Art.no. KU 7720023 / KR 7720024
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	2.92 A
Power	635 W
Speed (Pole no. 6)	1315 rpm
Capacitor	12 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	67 dB(A)
Weight	12.5 kg
Wiring diagram	4040005

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	67	74	45	52	65	65	70	69	67	59
5. Outlet 230V		80	63	68	71	73	74	74	74	67
5. Inlet 230V		78	61	65	73	67	73	71	70	64

CLOCKWISE ROTATION



RFT 250 B ErP AC



ACCESSORIES

- Transformer VRDT 2, VRT 2

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

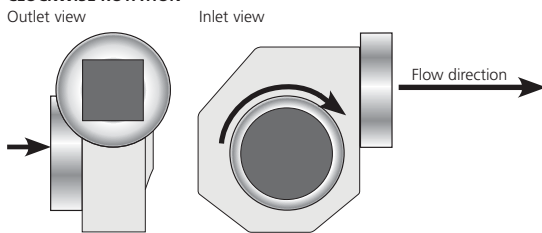
TECHNICAL DATA

RFT 250 B ErP AC	Art.no. KU 7720099 / KR 7720100
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	1.40 / 2.43 A
Power	690 W
Speed (Pole no. 6)	1285 rpm
Capacitor	- μF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	66 dB(A)
Weight	12.6 kg
Wiring diagram	Y 4040004 / Δ 4040003

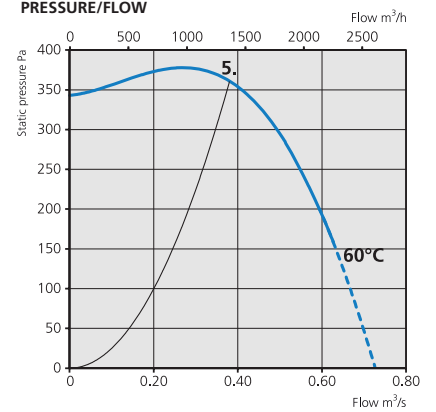
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	66	73	44	50	62	65	69	68	66	59
5. Outlet 400V		80	63	64	70	72	74	74	74	67
5. Inlet 400V		77	61	66	68	67	73	70	69	64

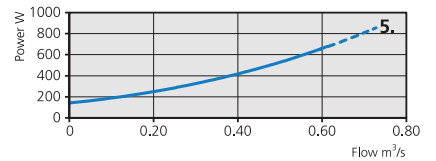
CLOCKWISE ROTATION



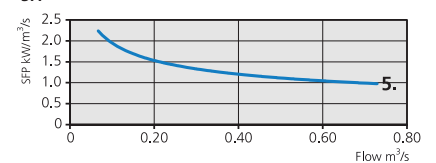
PRESSURE/FLOW



POWER/FLOW



SFP



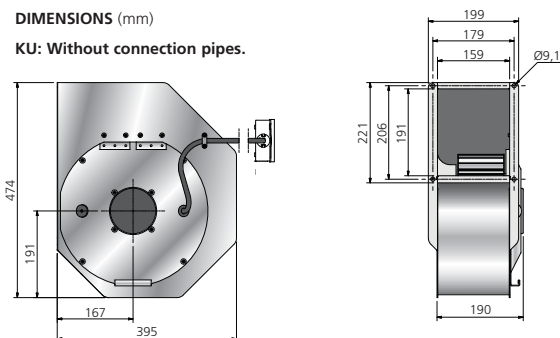
TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

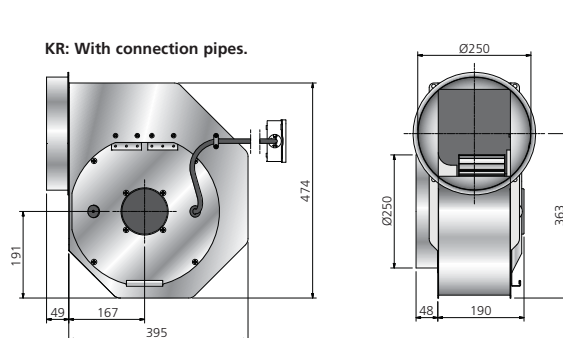
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFE 280 F AC

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

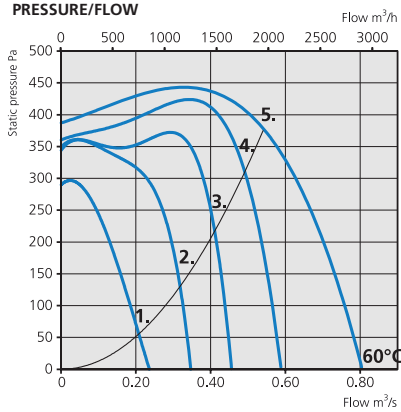
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- This product is not approved for use in the EU, EFTA or EEA countries.



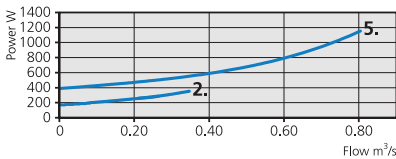
ACCESSORIES

- Transformer VRDE 7, VRTE 7

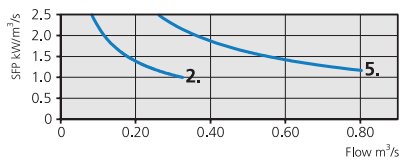
PRESSURE/FLOW



POWER/FLOW



SFP



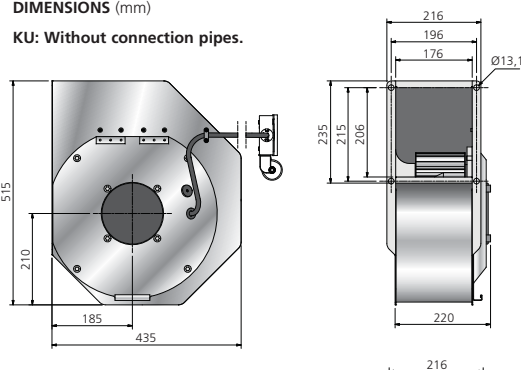
TRANSFORMER STEPS

1. 80V 2. 110V 3. 130V 4. 165V 5. 230V

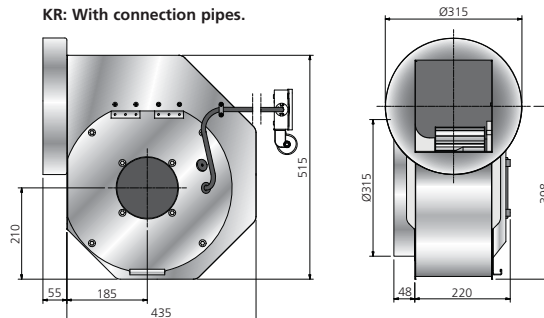
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



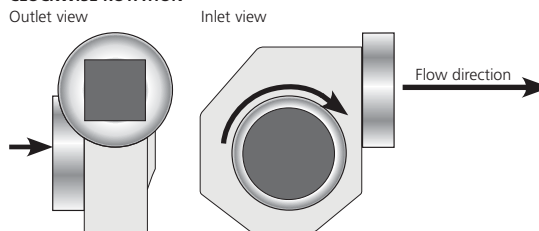
TECHNICAL DATA

RFE 280 F AC	Art.no. KU 7720035 / KR 7720036
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	5.48 A
Power	1196 W
Speed (Pole no. 4)	1400 rpm
Capacitor	20 µF
Max. temperature of transported air	60 C°
Max. temperature of transported air when speed controlled	60 C°
Sound pressure level at 3 m	72 dB(A)
Weight	22.0 kg
Wiring diagram	4040005

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	72	79	49	56	64	68	75	74	69	65
5. Outlet 230V		84	68	69	74	76	79	79	78	72
5. Inlet 230V		81	63	67	71	68	77	76	74	70

CLOCKWISE ROTATION



RFT 280 F ErP AC



- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

ACCESSORIES

- Transformer VRDT 4, VRTT 4

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

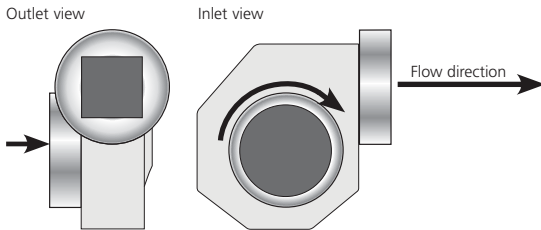
TECHNICAL DATA

RFT 280 F ErP AC	Art.no. KU 7720041 / KR 7720042
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.81 / 4.89 A
Power	1496 W
Speed (Pole no. 4)	1400 rpm
Capacitor	- μF
Max. temperature of transported air	55 C°
Max. temperature of transported air when speed controlled	45 C°
Sound pressure level at 3 m	72 dB(A)
Weight	21.4 kg
Wiring diagram	Y 4040004 / Δ 4040003

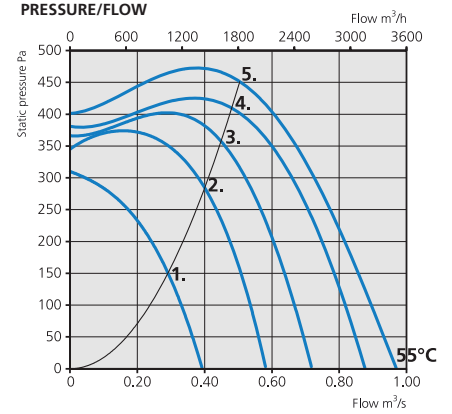
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	72	79	48	57	65	68	76	74	70	65
5. Outlet 400V		83	66	68	74	75	78	77	77	71
5. Inlet 400V		80	64	67	69	66	76	74	73	68

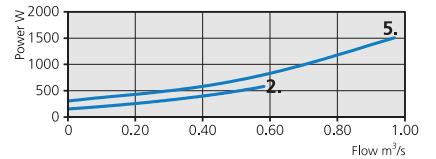
CLOCKWISE ROTATION



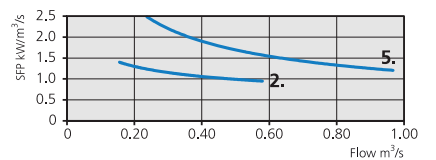
PRESSURE/FLOW



POWER/FLOW



SFP



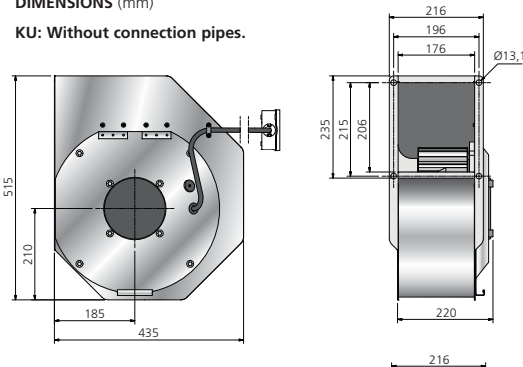
TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

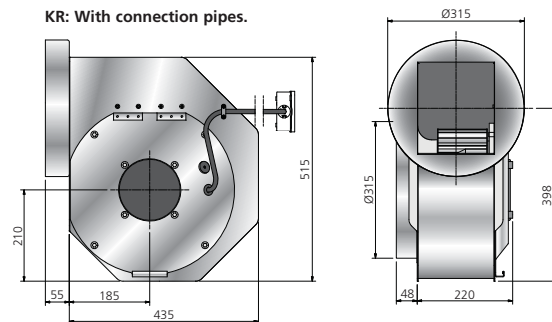
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFE 315 E AC

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.
- Motor has insulation class F.

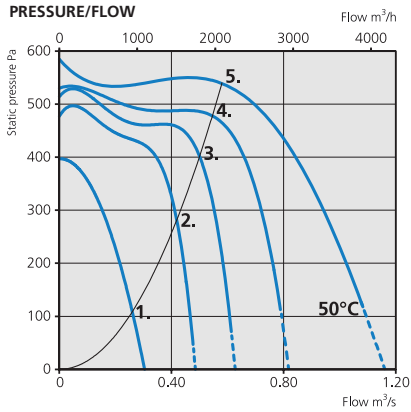
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- This product is not approved for use in the EU, EFTA or EEA countries.



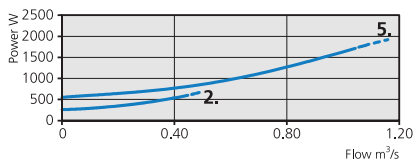
ACCESSORIES

- Transformer VRDE 13, VRTE 13

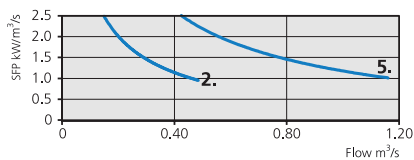
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V
2. 110V
3. 130V
4. 165V
5. 230V

Measured when connected to duct on the outlet.

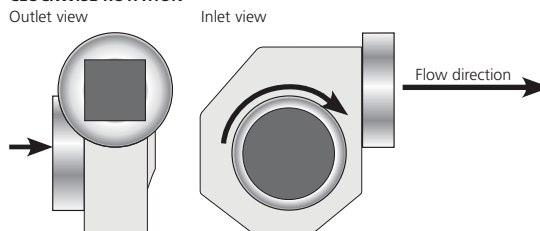
TECHNICAL DATA

RFE 315 E AC	Art.no. KU 7720053 / KR 7720054
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	8.51 A
Power	1830 W
Speed (Pole no. 4)	1200 rpm
Capacitor	30 µF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	50 C°
Sound pressure level at 3 m	73 dB(A)
Weight	28.2 kg
Wiring diagram	4040005

SOUND DATA

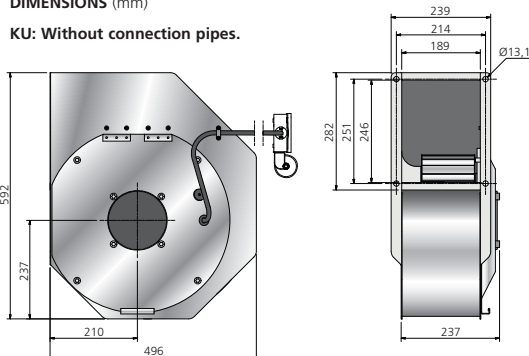
	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	73	80	52	61	66	71	77	74	70	63
5. Outlet 230V		87	70	71	76	79	83	80	78	72
5. Inlet 230V		82	68	72	74	70	78	76	75	69

CLOCKWISE ROTATION

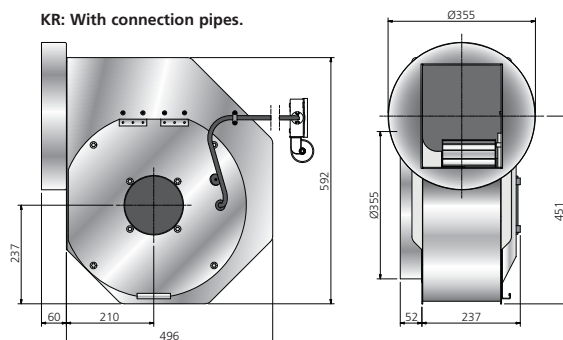


DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RFT 315 E ErP AC



ACCESSORIES

- Transformer VRDT 7, VRTT 7

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

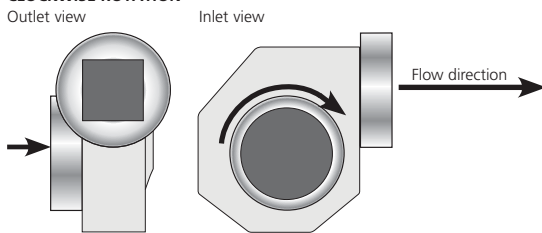
TECHNICAL DATA

RFT 315 E ErP AC	Art.no. KU 7720059 / KR 7720060
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	4.10 / 7.13 A
Power	2026 W
Speed (Pole no. 4)	1400 rpm
Capacitor	- μF
Max. temperature of transported air	50 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	74 dB(A)
Weight	27.0 kg
Wiring diagram	Y 4040004 / Δ 4040003

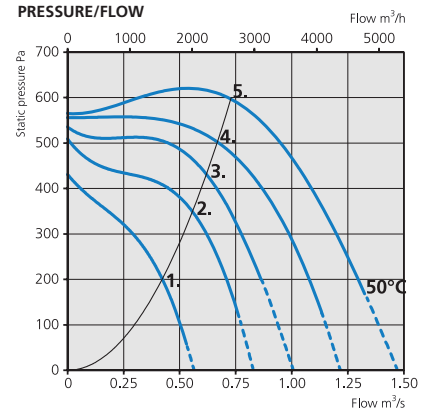
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	74	81	53	61	66	72	79	75	73	66
5. Outlet 400V		89	74	74	79	81	85	83	81	76
5. Inlet 400V		85	68	72	73	71	81	79	78	72

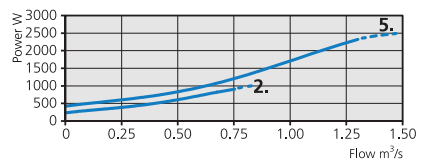
CLOCKWISE ROTATION



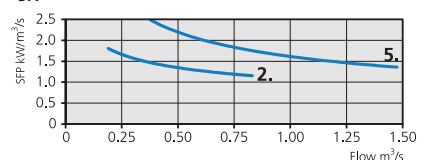
PRESSURE/FLOW



POWER/FLOW



SFP



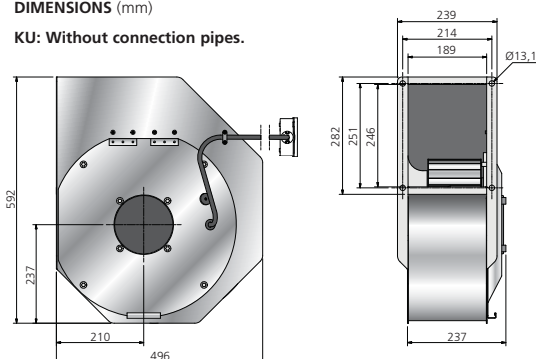
TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

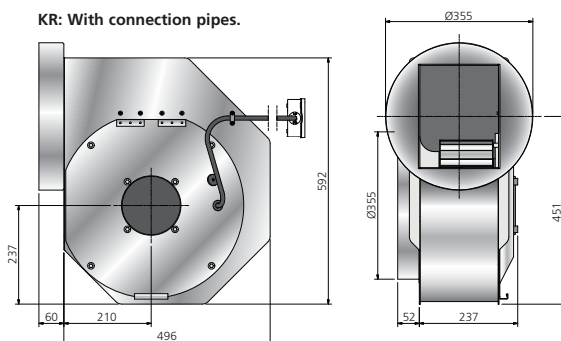
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFT 355 A ErP AC



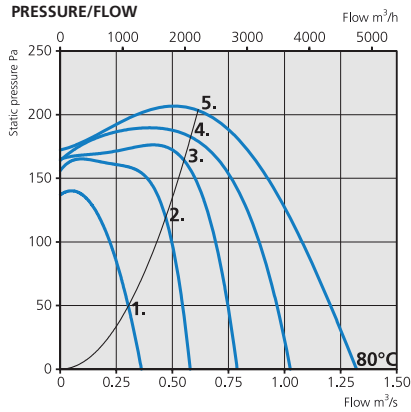
- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

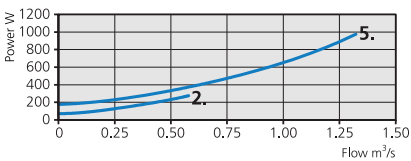
ACCESSORIES

- Transformer VRDT 4, VRTT 4

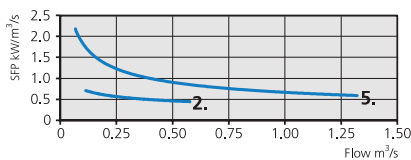
PRESSURE/FLOW



POWER/FLOW



SFP



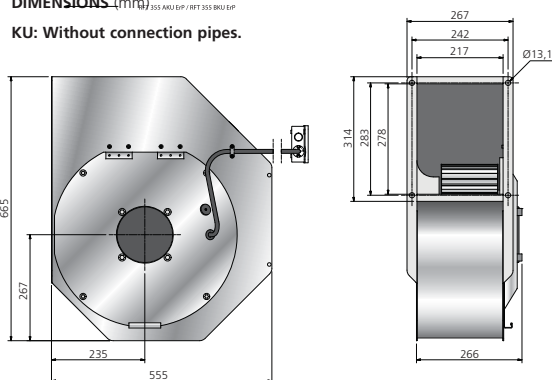
TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

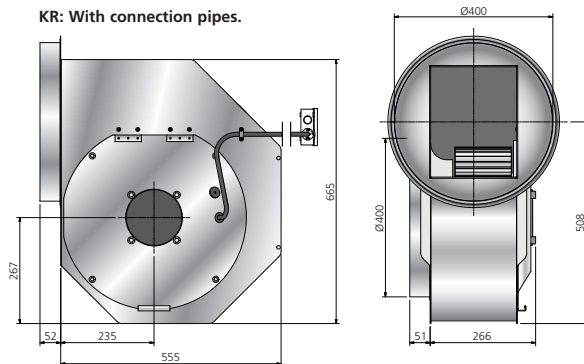
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



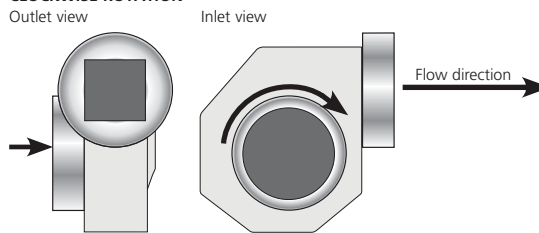
TECHNICAL DATA

RFT 355 A ErP AC	Art.no. KU 7720062 / KR 7720063
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.14 / 3.72 A
Power	954 W
Speed (Pole no. 8)	680 rpm
Capacitor	- μF
Max. temperature of transported air	80 C°
Max. temperature of transported air when speed controlled	75 C°
Sound pressure level at 3 m	62 dB(A)
Weight	30.5 kg
Wiring diagram	Y 4040004 / Δ 4040003

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	62	69	43	52	58	63	64	63	61	51
5. Outlet 400V		75	55	63	64	67	69	70	68	58
5. Inlet 400V		71	54	60	58	63	66	65	64	54

CLOCKWISE ROTATION



RFT 355 B ErP AC



ACCESSORIES

- Transformer VRDT 4, VRTT 4

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

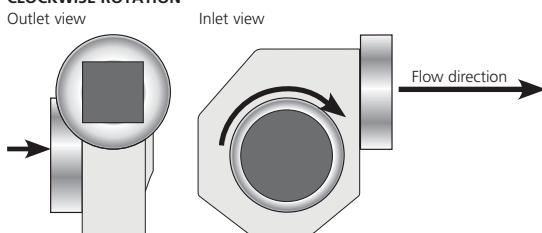
TECHNICAL DATA

RFT 355 B ErP AC	Art.no. KU 7720065 / KR 7720066
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.80 / 4.87 A
Power	1455 W
Speed (Pole no. 6)	764 rpm
Capacitor	- μF
Max. temperature of transported air	45 C°
Max. temperature of transported air when speed controlled	45 C°
Sound pressure level at 3 m	66 dB(A)
Weight	30.7 kg
Wiring diagram	Y 4040004 / Δ 4040003

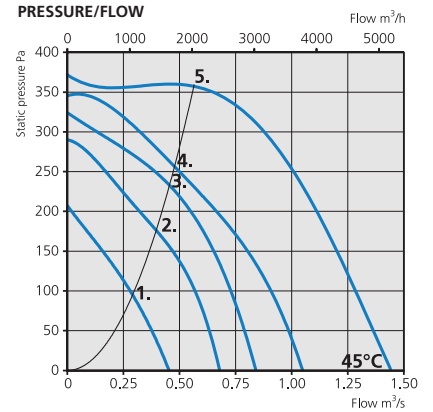
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	66	73	49	57	63	67	69	66	66	57
5. Outlet 400V		79	58	64	65	69	73	73	73	64
5. Inlet 400V		76	60	65	62	67	70	70	70	62

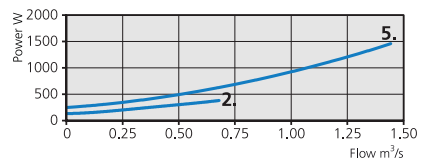
CLOCKWISE ROTATION



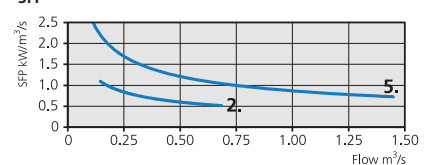
PRESSURE/FLOW



POWER/FLOW



SFP



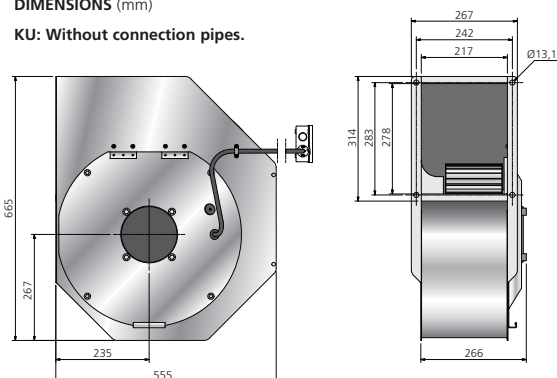
TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

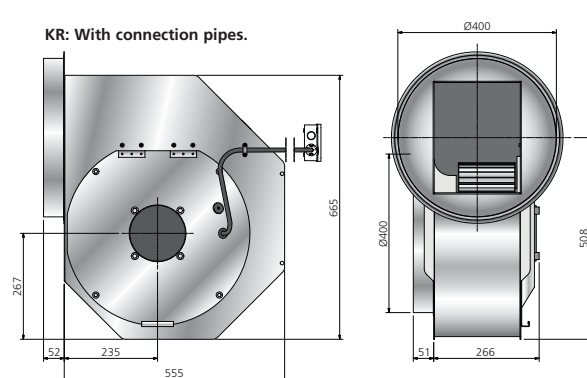
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFT 355 D ErP AC



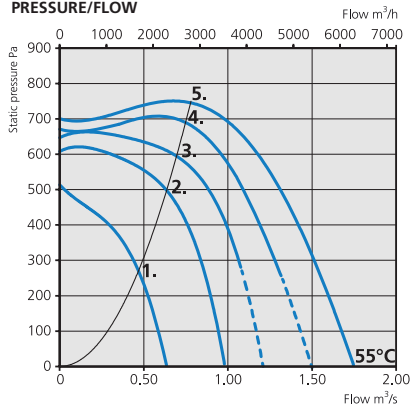
- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

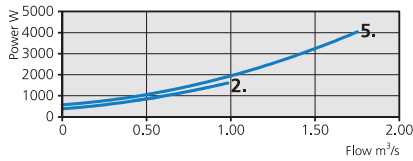
ACCESSORIES

- Transformer VRDT 11, VRTT 11

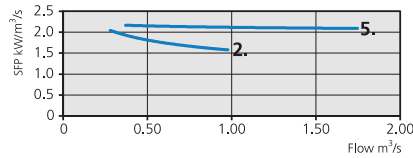
PRESSURE/FLOW



POWER/FLOW



SFP



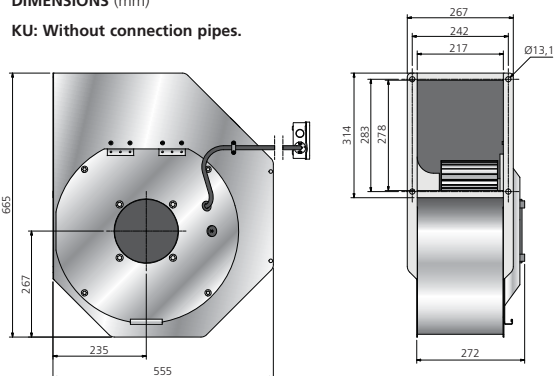
TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

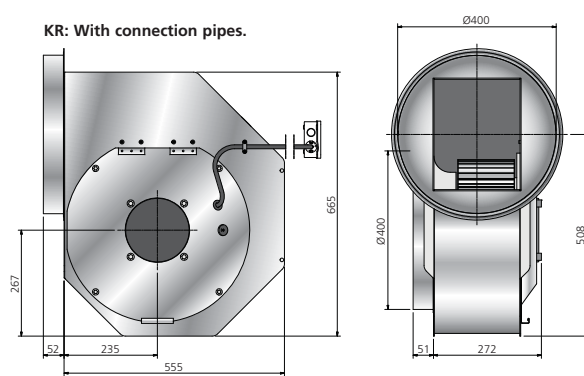
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



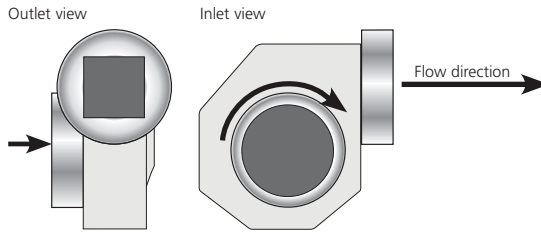
TECHNICAL DATA

RFT 355 D ErP AC	Art.no. KU 7720068 / KR 7720069
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	6.77 / 11.77 A
Power	4048 W
Speed (Pole no. 4)	1371 rpm
Capacitor	- μF
Max. temperature of transported air	55 C°
Max. temperature of transported air when speed controlled	55 C°
Sound pressure level at 3 m	77 dB(A)
Weight	40.3 kg
Wiring diagram	Y 4040004 / Δ 4040003

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	77	84	56	66	70	75	80	79	76	72
5. Outlet 400V		90	63	74	75	79	86	85	84	78
5. Inlet 400V		86	67	76	73	75	81	82	79	75

CLOCKWISE ROTATION



RFT 400 C ErP AC



ACCESSORIES

- Transformer VRDT 4, VRTT 4

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

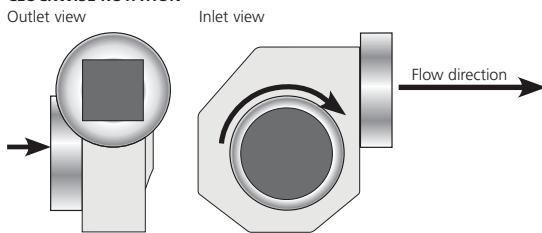
TECHNICAL DATA

RFT 400 C ErP AC	Art.no. KU 7720071 / KR 7720072
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	2.91 / 5.06 A
Power	1300 W
Speed (Pole no. 8)	645 rpm
Capacitor	- μF
Max. temperature of transported air	55 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	68 dB(A)
Weight	41.6 kg
Wiring diagram	Y 4040004 / Δ 4040003

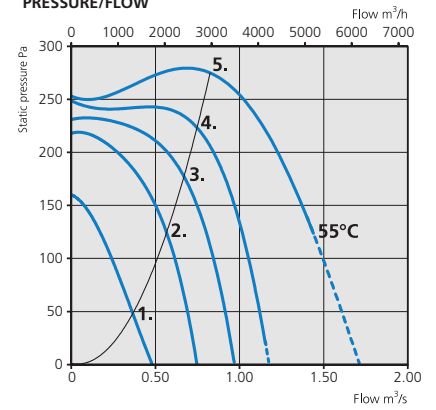
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	68	75	46	56	62	70	72	68	67	60
5. Outlet 400V		80	59	64	66	74	74	75	73	64
5. Inlet 400V		76	56	61	60	70	70	71	67	59

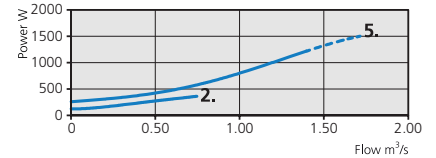
CLOCKWISE ROTATION



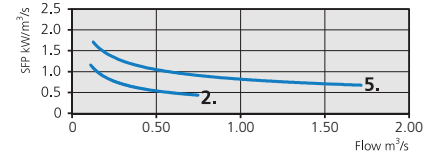
PRESSURE/FLOW



POWER/FLOW



SFP



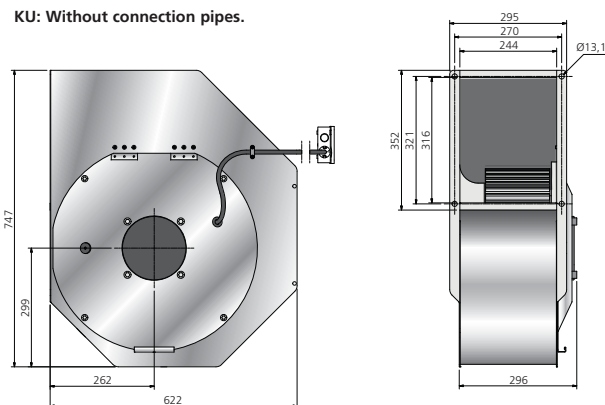
TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

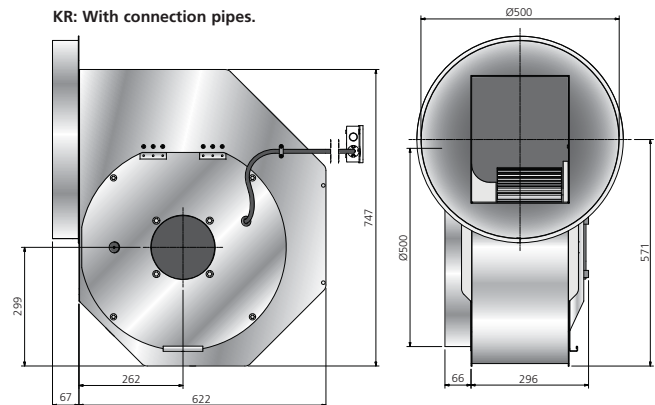
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFT 400 E ErP AC



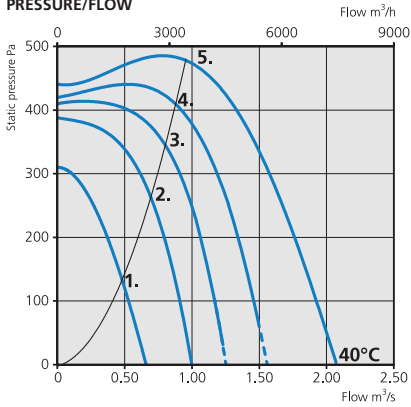
- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

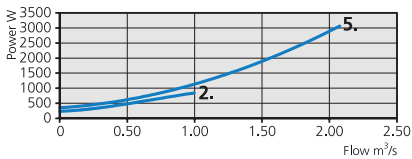
ACCESSORIES

- Transformer VRDT 7, VRTT 7

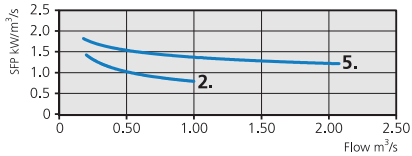
PRESSURE/FLOW



POWER/FLOW



SFP



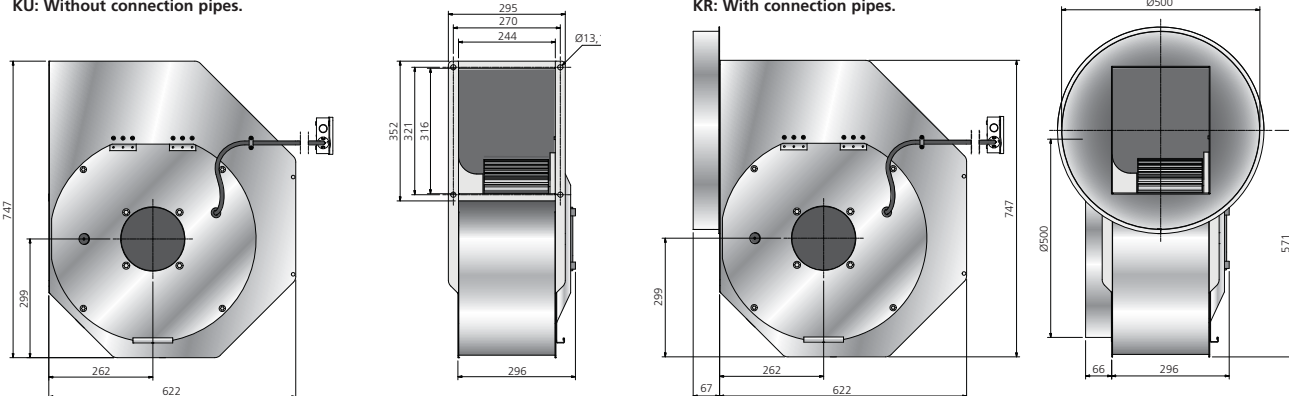
TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



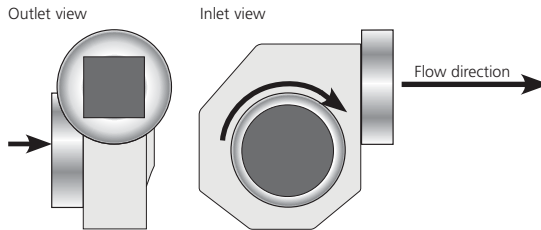
TECHNICAL DATA

RFT 400 E ErP AC	Art.no. KU 7720074 / KR 7720075
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	5.74 / 9.98 A
Power	3129 W
Speed (Pole no. 6)	851 rpm
Capacitor	- µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	73 dB(A)
Weight	46.1 kg
Wiring diagram	Y 4040004 / Δ 4040003

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	73	80	54	62	66	73	76	75	72	67
5. Outlet 400V		86	64	69	70	79	81	81	79	72
5. Inlet 400V		81	62	68	64	73	76	76	74	68

CLOCKWISE ROTATION



RFT 400 F ErP AC



- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

ACCESSORIES

- Transformer VRDT 11, VRTT 11

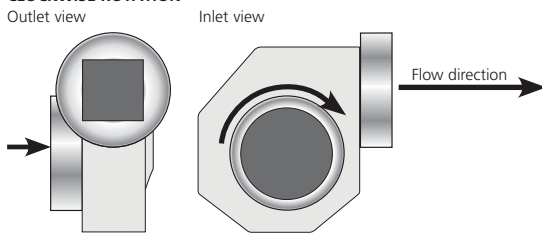
TECHNICAL DATA

RFT 400 F ErP AC	Art.no. KU 7720077 / KR 7720078
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	9.69 / 16.85 A
Power	5843 W
Speed (Pole no. 4)	1374 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	80 dB(A)
Weight	55.2 kg
Wiring diagram	Y 4040004 / Δ 4040003

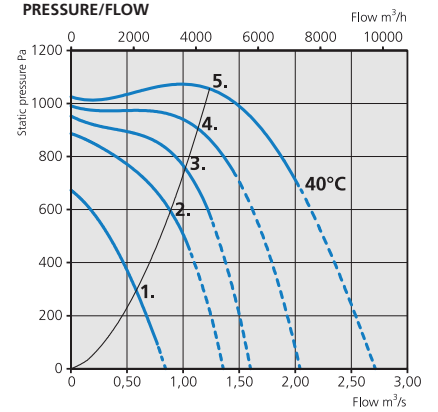
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	80	87	64	70	71	78	83	81	78	73
5. Outlet 400V		94	67	76	77	84	90	90	86	80
5. Inlet 400V		90	71	73	73	80	85	86	83	79

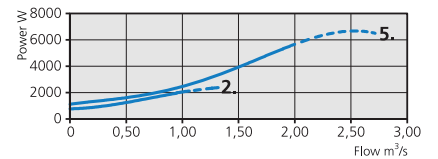
CLOCKWISE ROTATION



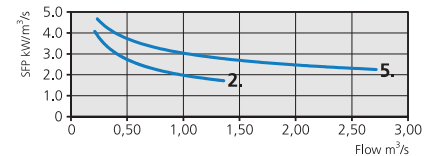
PRESSURE/FLOW



POWER/FLOW



SFP



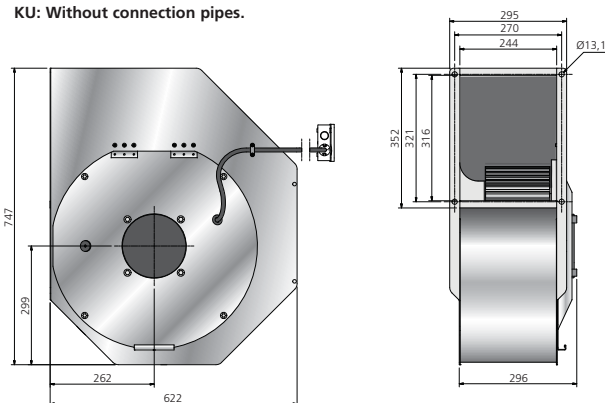
TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

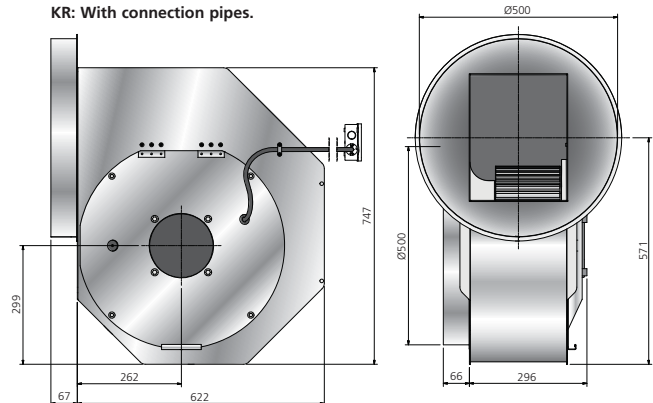
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFT 450 G ErP AC



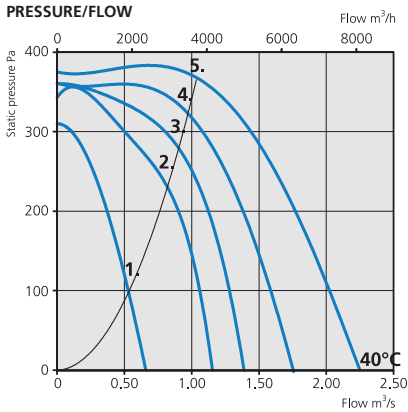
- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

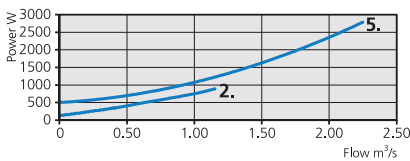
ACCESSORIES

- Transformer VRDT 7, VRTT 7

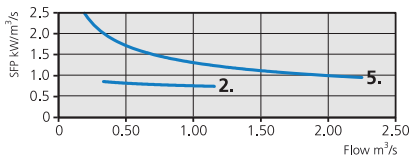
PRESSURE/FLOW



POWER/FLOW



SFP



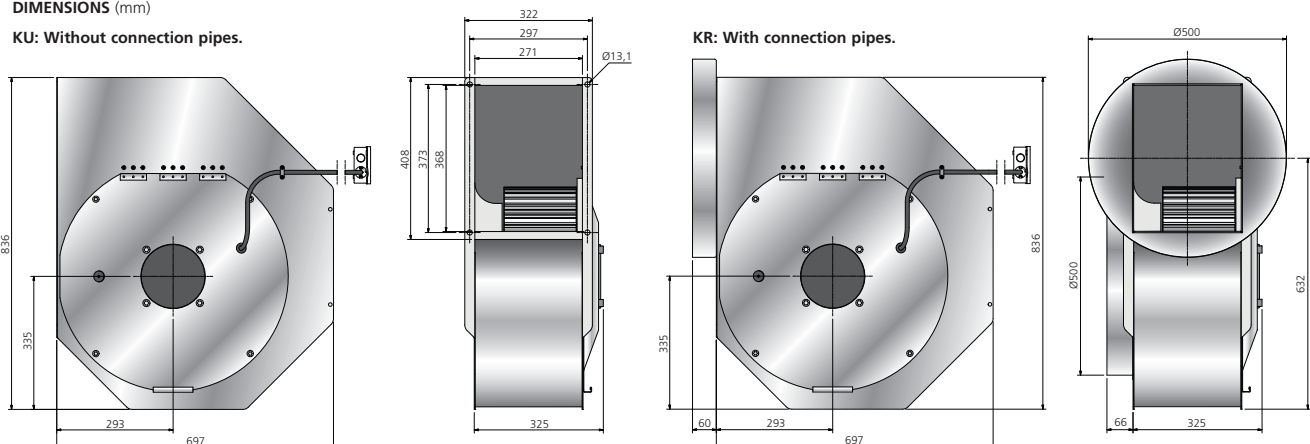
TRANSFORMER STEPS

1. 95V 2. 145V 3. 185V 4. 240V 5. 400V

Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



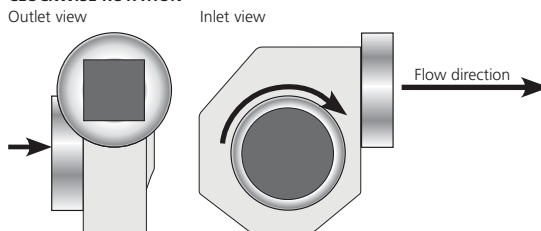
TECHNICAL DATA

RFT 450 G ErP AC	Art.no. KU 7720080 / KR 7720081
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	5.42 / 9.43 A
Power	2829 W
Speed (Pole no. 8)	665 rpm
Capacitor	- μF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	71 dB(A)
Weight	57.2 kg
Wiring diagram	Y 4040004 / Δ 4040003

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	71	78	49	57	63	75	72	70	68	60
5. Outlet 400V		85	65	69	72	78	79	80	76	68
5. Inlet 400V		79	61	64	62	71	72	75	71	64

CLOCKWISE ROTATION



RFT 450 H ErP AC



ACCESSORIES

- Transformer VRDT 11, VRTT 11

- Single inlet radial fan.
- Compact with high capacity and efficiency.
- Low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.

- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

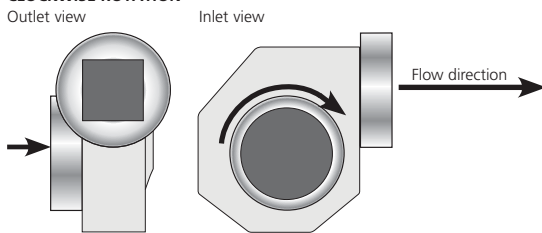
TECHNICAL DATA

RFT 450 H ErP AC	Art.no. KU 7720083 / KR 7720084
Voltage	Y 400/Δ 230 / 50 V/Hz
Voltage range	380-415/50 V/Hz
Phase	3 ~
Current	7.04 / 12.24 A
Power	3795 W
Speed (Pole no. 6)	865 rpm
Capacitor	- μF
Max. temperature of transported air	45 C°
Max. temperature of transported air when speed controlled	45 C°
Sound pressure level at 3 m	75 dB(A)
Weight	57.8 kg
Wiring diagram	Y 4040004 / Δ 4040003

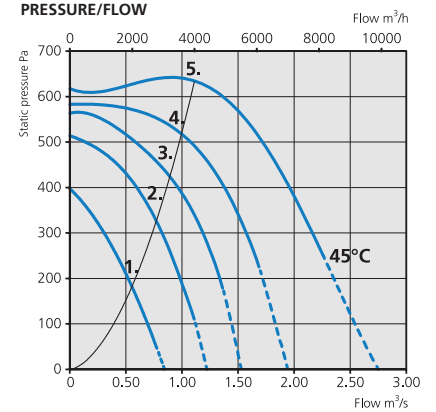
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	75	82	55	65	68	77	77	75	73	67
5. Outlet 400V		87	68	73	73	80	82	83	79	71
5. Inlet 400V		83	67	71	66	73	77	79	76	69

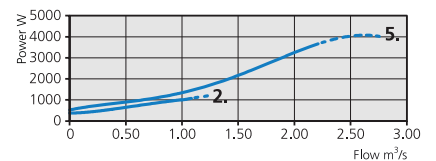
CLOCKWISE ROTATION



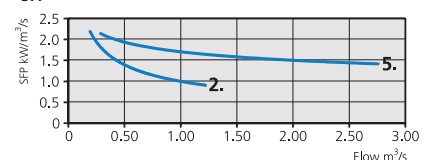
PRESSURE/FLOW



POWER/FLOW



SFP



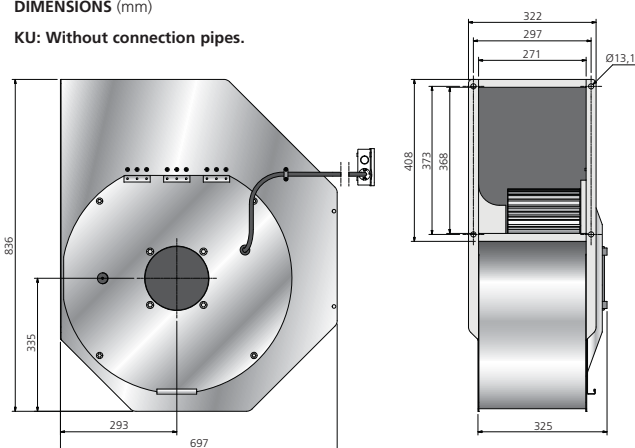
TRANSFORMER STEPS

1. 95V
2. 145V
3. 185V
4. 240V
5. 400V

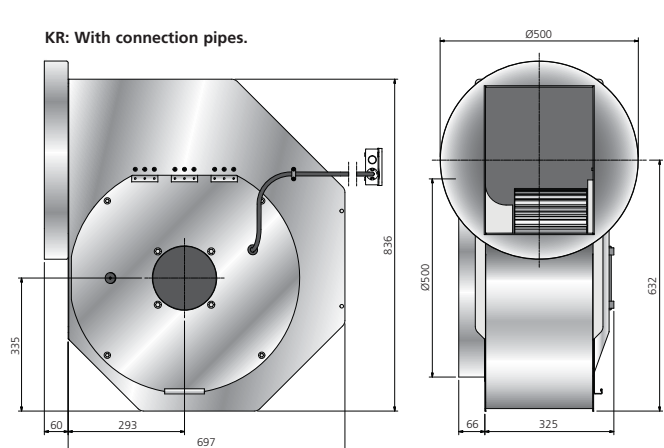
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.





SINGLE INLET



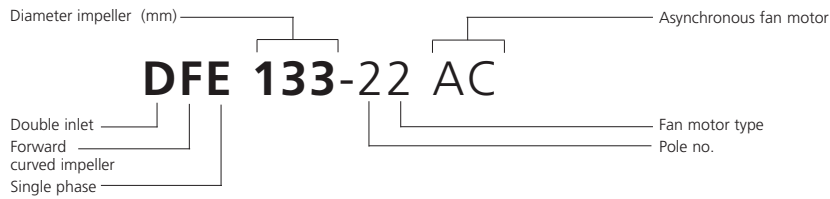
RF 326

The RF single inlet radial fan is intended for the OEM market. It is compact and has high capacity and low sound levels. Ideal for use in, for example, dehumidifiers and air cleaners.

RF is available with AC motor.

Airflows up to 8.200 m³/h (2.28 m³/s).

DOUBLE INLET



DF 352

The DF double inlet radial fan has an external rotor motor placed in the middle of the impeller, which makes a very compact design. DF fans are ideal to use in different applications where high pressure, large air volumes and low sound levels are demanded but with only a minimum amount of space available.

DF is available with AC motor.

Airflows up to 940 m³/h (0.26 m³/s).

RADIAL FAN

DFE 133-4 AC



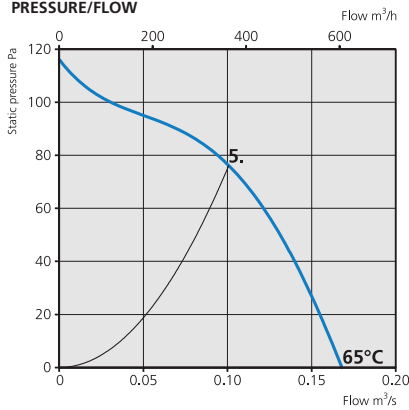
- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- The power consumption at highest total efficiency is below 125W and is not subject to the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

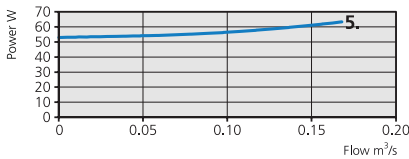
ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

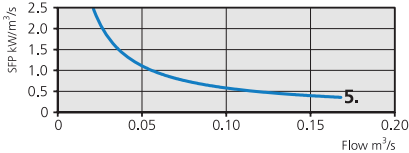
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

Measured when connected to duct on the outlet.

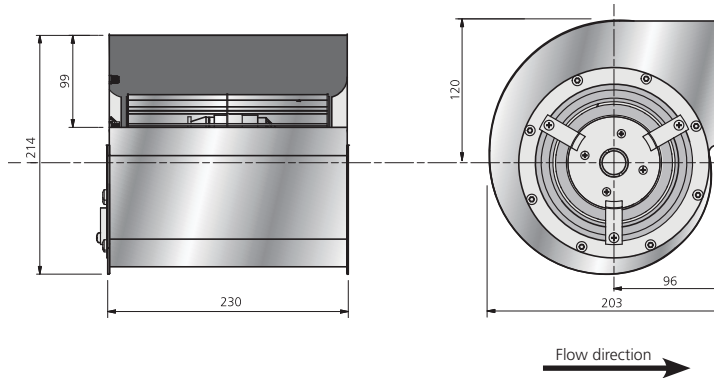
TECHNICAL DATA

DFE 133-4 AC	Art.no. 3097025
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.28 A
Power	63 W
Speed (Pole no. 4)	1120 rpm
Capacitor	2 µF
Max. temperature of transported air	65 C°
Max. temperature of transported air when speed controlled	65 C°
Sound pressure level at 3 m	49 dB(A)
Weight	3.2 kg
Wiring diagram	4040001

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	49	56	34	37	43	49	54	50	44	40
5. Outlet 230V		61	48	50	43	48	59	55	48	38

DIMENSIONS (mm)



DFE 133-20 ErP AC



ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

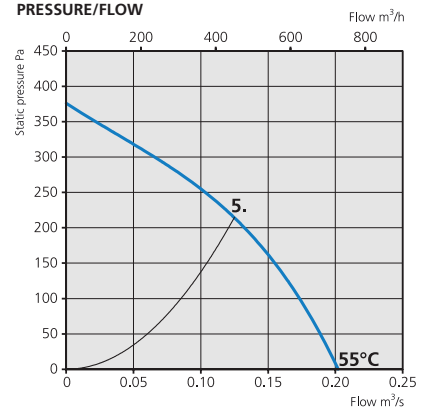
TECHNICAL DATA

DFE 133-20 ErP AC	Art.no. 3091876
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.64 A
Power	147 W
Speed (Pole no. 2)	1144 rpm
Capacitor	4 µF
Max. temperature of transported air	55 C°
Max. temperature of transported air when speed controlled	55 C°
Sound pressure level at 3 m	59 dB(A)
Weight	3.7 kg
Wiring diagram	4040001

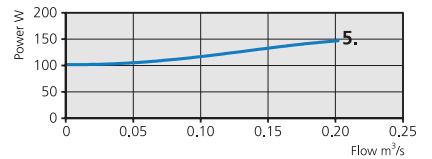
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	59	66	43	49	54	58	62	61	57	50
5. Outlet 230V		73	56	58	54	58	71	67	64	57

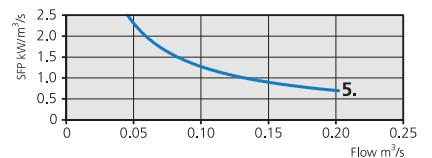
PRESSURE/FLOW



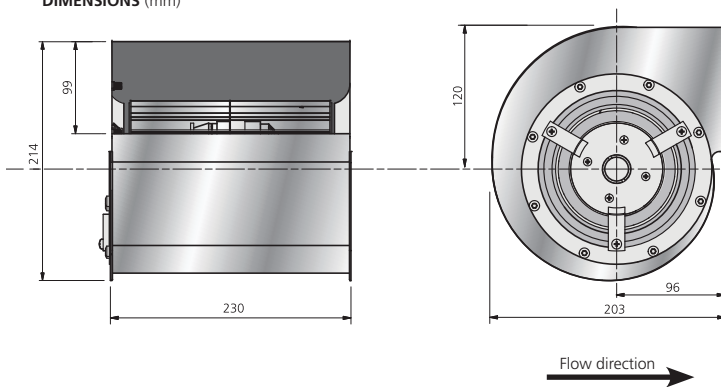
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

Measured when connected to duct on the inlet.

RADIAL FAN

DFE 133-21 ErP AC



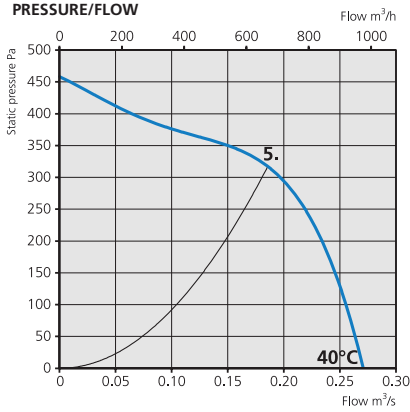
- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

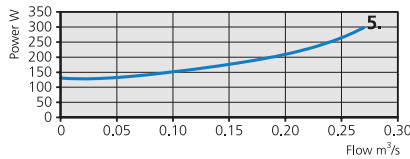
ACCESSORIES

- Outlet flange
- Transformer VRDE 1.5, VRTE 3
- Electronic speed controller, VRS 2.0

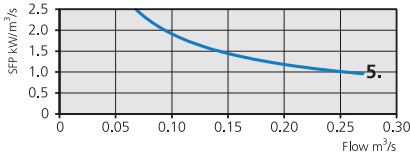
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

Measured when connected to duct on the outlet.

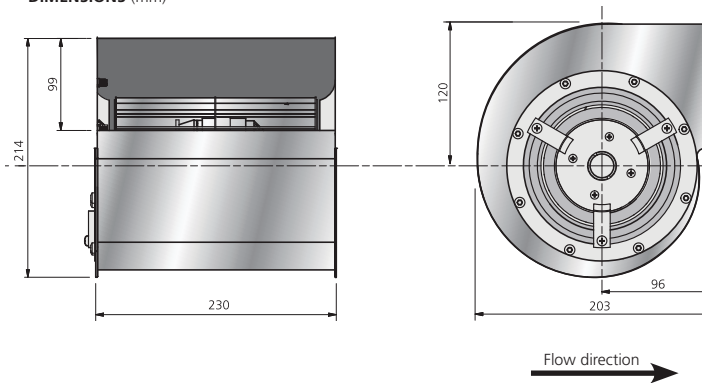
TECHNICAL DATA

DFE 133-21 ErP AC	Art.no. 3091464
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	1.15 A
Power	230 W
Speed (Pole no. 2)	2000 rpm
Capacitor	5 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	64 dB(A)
Weight	4.2 kg
Wiring diagram	4040001

SOUND DATA

	L _{pA}	L _{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	64	71	48	52	61	63	65	66	64	57
5. Outlet 230V		77	59	62	59	62	73	73	70	65

DIMENSIONS (mm)



DFE 133-24 AC



ACCESSORIES

- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.

- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- This product is not approved for use in the EU, EFTA or EEA countries.

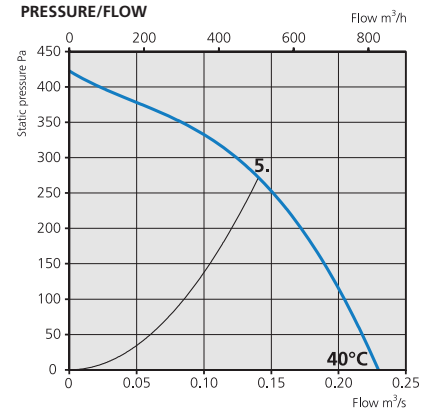
TECHNICAL DATA

DFE 133-24 AC	Art.no. 3091827
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	0.85 A
Power	195 W
Speed (Pole no. 2)	1308 rpm
Capacitor	5 µF
Max. temperature of transported air	40 C°
Max. temperature of transported air when speed controlled	40 C°
Sound pressure level at 3 m	61 dB(A)
Weight	4.2 kg
Wiring diagram	4040001

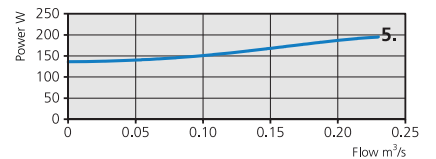
SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	61	68	44	50	57	60	63	64	61	54
5. Outlet 230V		76	57	61	56	60	73	71	67	62

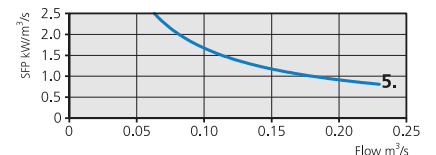
PRESSURE/FLOW



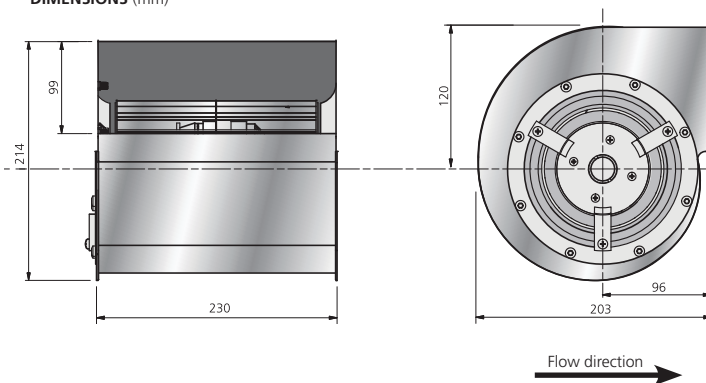
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 80V 2. 110V 3. 135V 4. 165V 5. 230V

Measured when connected to duct on the inlet.

RADIAL FAN

DFE 146-S2 ErP AC



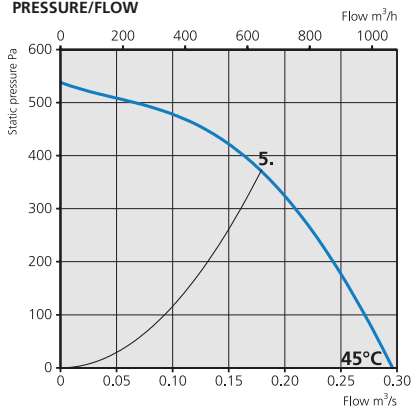
- Double inlet radial fan.
- High pressure, large air volumes and low sound levels.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- The motor is situated in the airstream to get ultimate cooling.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Compact design for a minimum amount of space.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.

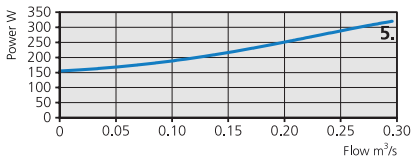
ACCESSORIES

- Transformer VRDE 3, VRTE 3
- Electronic speed controller, VRS 2.0

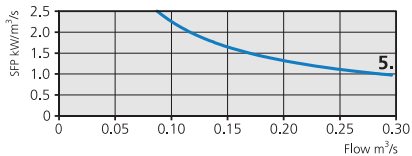
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

1. 80V
2. 110V
3. 135V
4. 165V
5. 230V

Measured when connected to duct on the outlet.

TECHNICAL DATA

DFE 146-S2 ErP AC	Art.no. 7700228
Voltage	230/50 V/Hz
Voltage range	220-240 / 50 V/Hz
Phase	1 ~
Current	1.30 A
Power	290 W
Speed (Pole no. 2)	1950 rpm
Capacitor	12 µF
Max. temperature of transported air	45 C°
Max. temperature of transported air when speed controlled	45 C°
Sound pressure level at 3 m	65 dB(A)
Weight	4.7 kg
Wiring diagram	4040001

SOUND DATA

	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	65	72	52	57	64	66	66	67	64	58
5. Outlet 230V		76	58	64	62	64	72	72	70	66

DIMENSIONS (mm)

