

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.

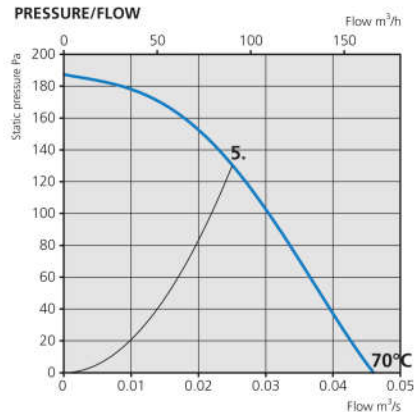
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.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



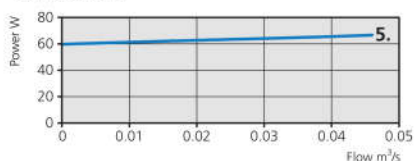
ACCESSORIES

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

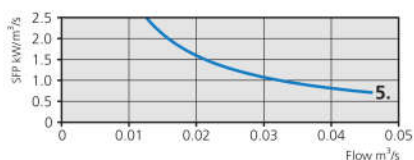
PRESSURE/FLOW



POWER/FLOW



SFP



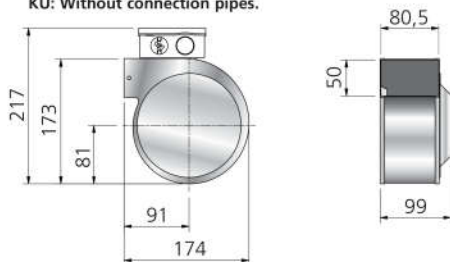
TRANSFORMER STEPS

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

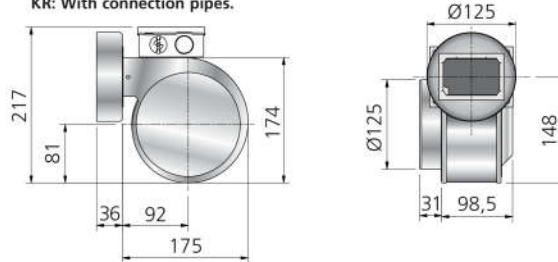
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



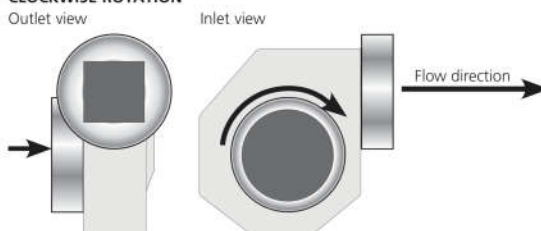
TECHNICAL DATA

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





RADIAL FAN

RFE 140 A AC

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.

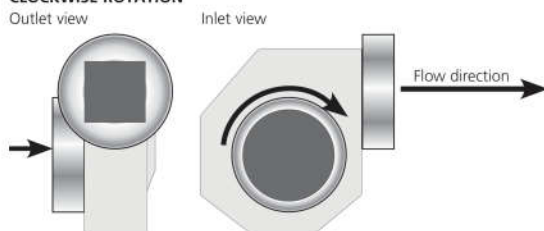
TECHNICAL DATA

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

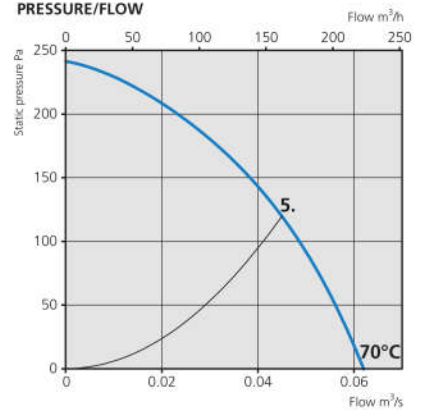
SOUND DATA

	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

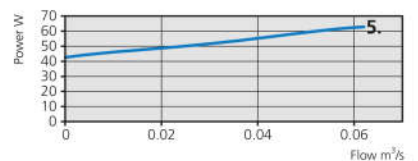
CLOCKWISE ROTATION



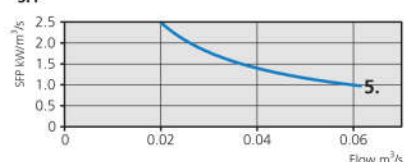
PRESSURE/FLOW



POWER/FLOW



SFP



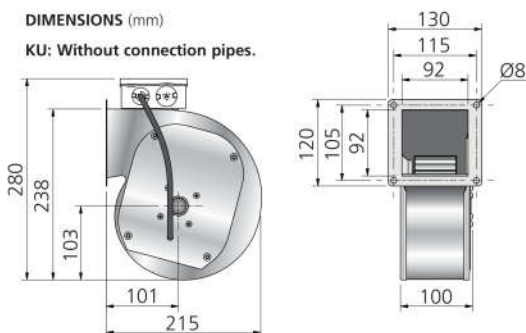
TRANSFORMER STEPS

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

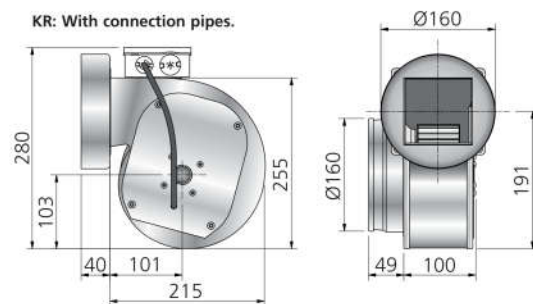
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFE 140 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.

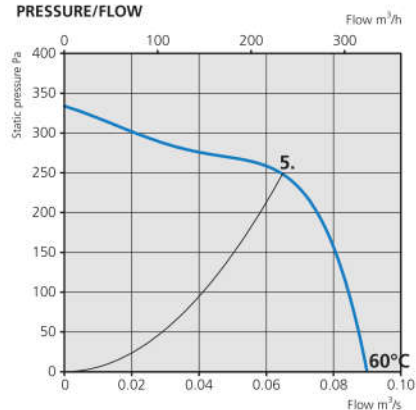
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.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



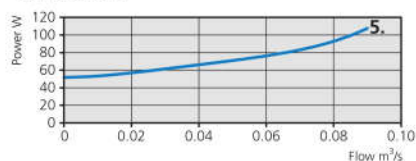
ACCESSORIES

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

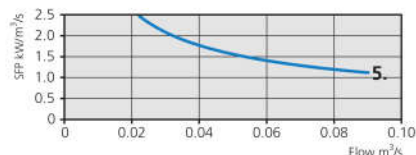
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

Measured when connected to duct on the outlet.

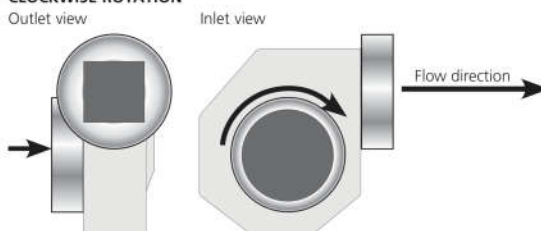
TECHNICAL DATA

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

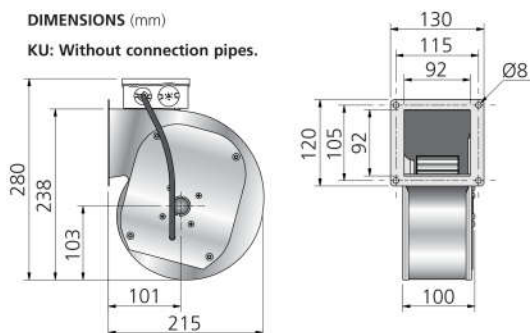
	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	58	65	41	43	54	58	58	60	59	52
5. Outlet 230V		72	56	63	65	66	65	63	65	60
5. Inlet 230V		70	56	64	65	65	60	60	59	56

CLOCKWISE ROTATION

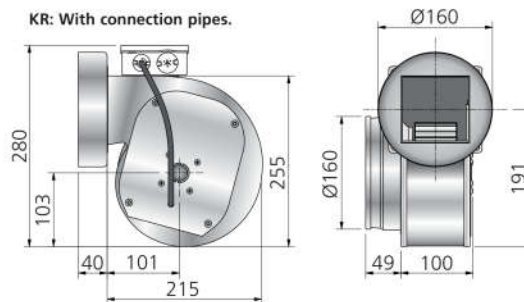


DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.





RADIAL FAN

RFE 140 C AC

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.

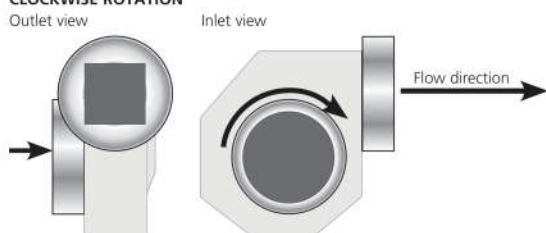
TECHNICAL DATA

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

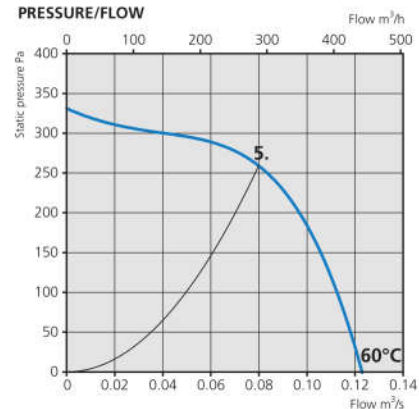
SOUND DATA

	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

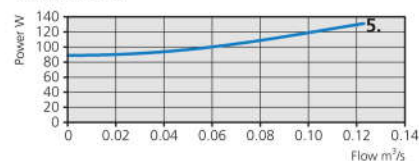
CLOCKWISE ROTATION



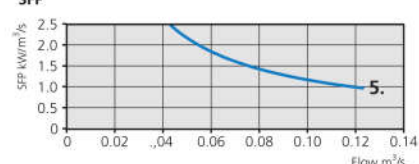
PRESSURE/FLOW



POWER/FLOW



SFP



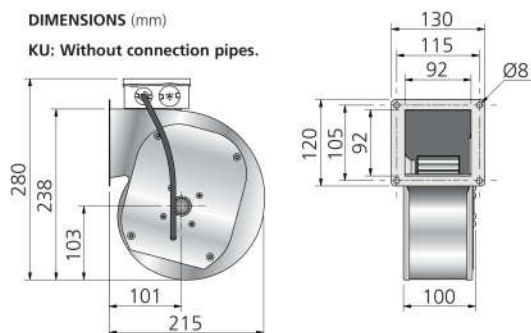
TRANSFORMER STEPS

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

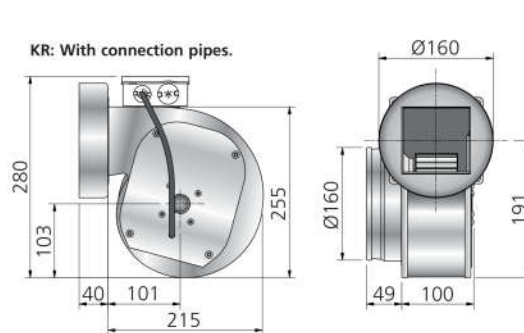
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFE 140 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.

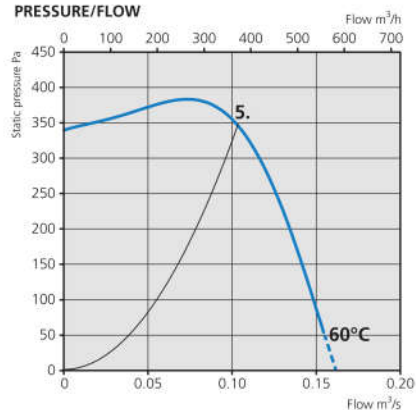
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.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



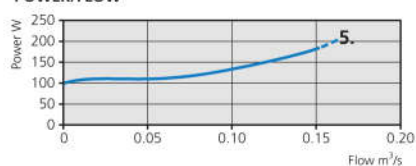
ACCESSORIES

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

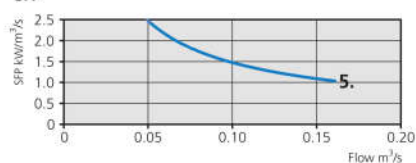
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

Measured when connected to duct on the outlet.

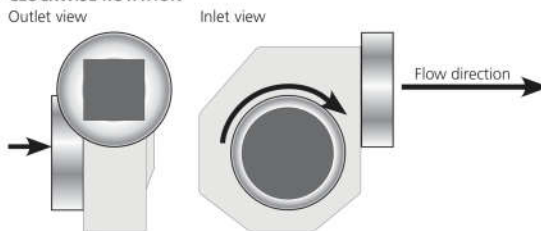
TECHNICAL DATA

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

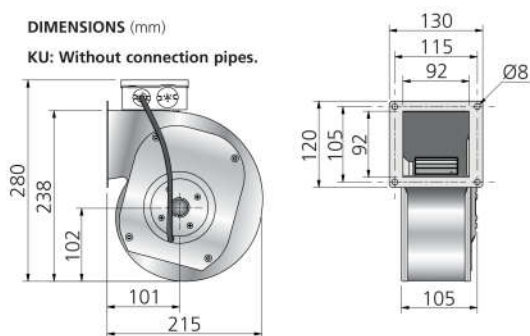
	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	21	35	45	43	46	46	44	40
5. Outlet 230V		78	62	68	73	71	69	68	68	69
5. Inlet 230V		75	55	68	70	69	63	66	65	63

CLOCKWISE ROTATION

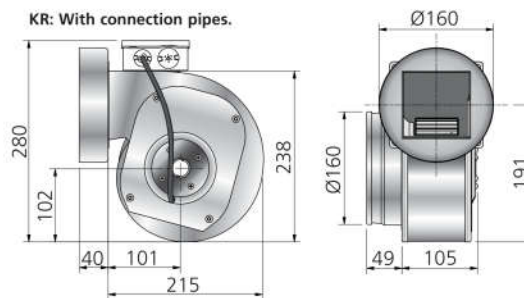


DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.





RADIAL FAN

RFE 140 L AC

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.

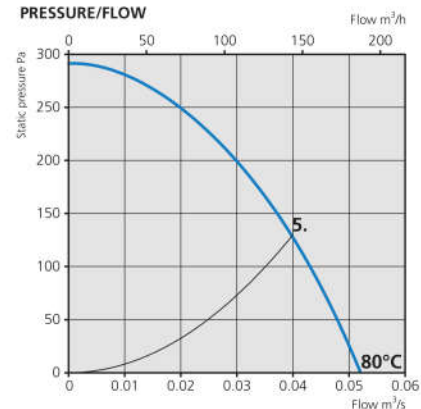
TECHNICAL DATA

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

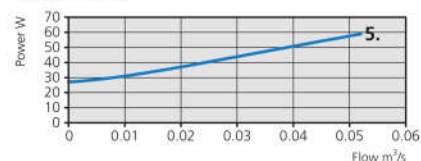
SOUND DATA

	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

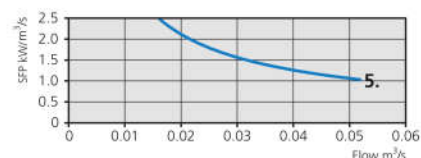
PRESSURE/FLOW



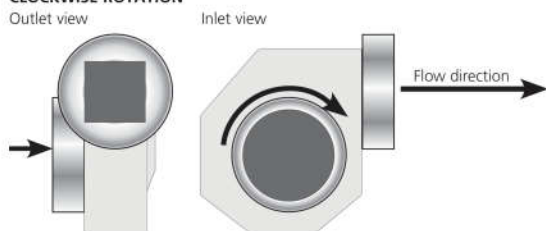
POWER/FLOW



SFP



CLOCKWISE ROTATION



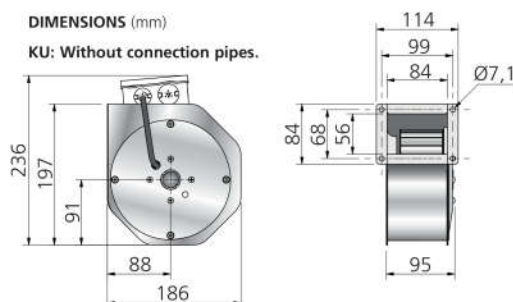
TRANSFORMER STEPS

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

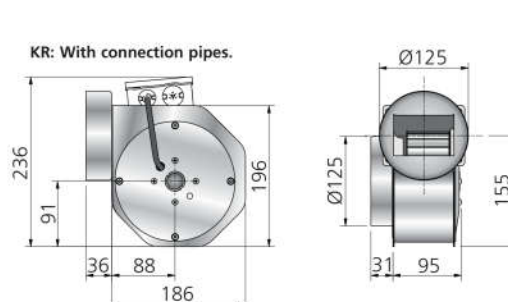
Measured when connected to duct on the inlet.

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.

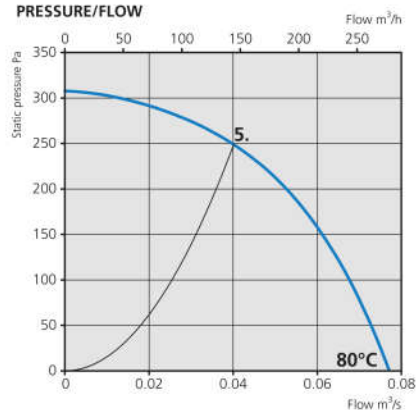
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.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



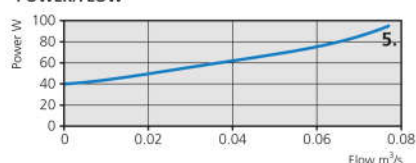
ACCESSORIES

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

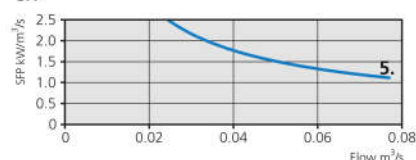
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

Measured when connected to duct on the outlet.

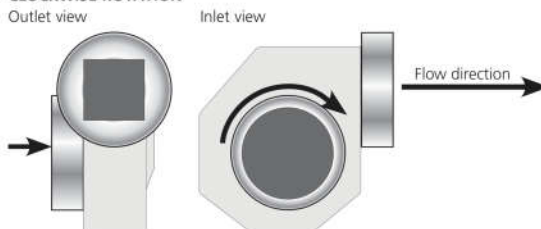
TECHNICAL DATA

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

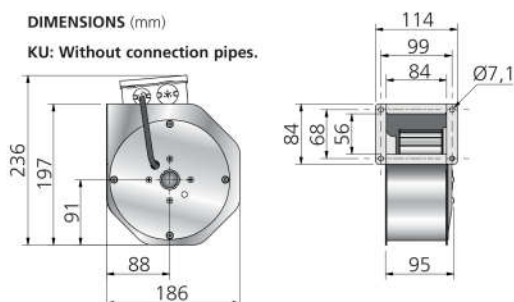
	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	63	70	49	49	58	63	64	65	62	60
5. Outlet 230V		76	67	67	68	69	67	69	65	62
5. Inlet 230V		74	67	69	68	67	63	62	61	58

CLOCKWISE ROTATION

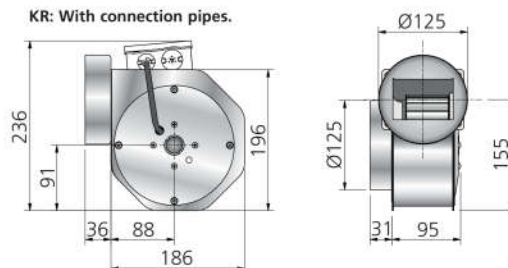


DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.





RADIAL FAN

RFE 200 C AC

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 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

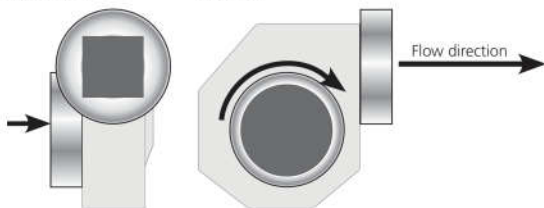
SOUND DATA

	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

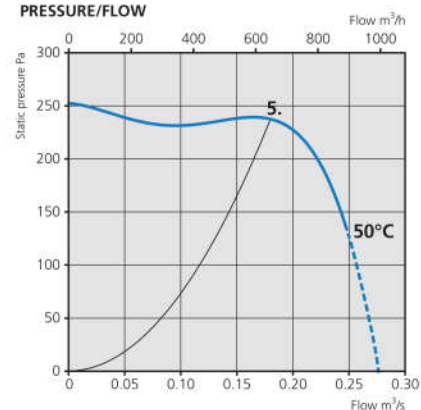
CLOCKWISE ROTATION

Outlet view

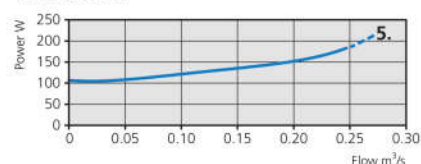
Inlet view



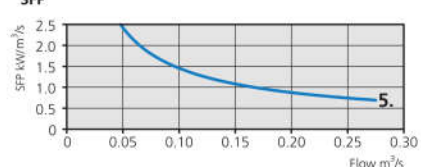
PRESSURE/FLOW



POWER/FLOW



SFP



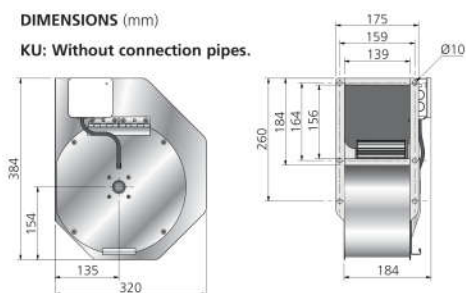
TRANSFORMER STEPS

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

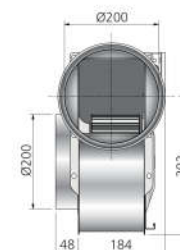
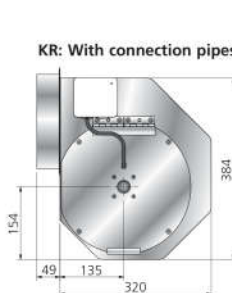
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



RADIAL FAN

RFE 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.

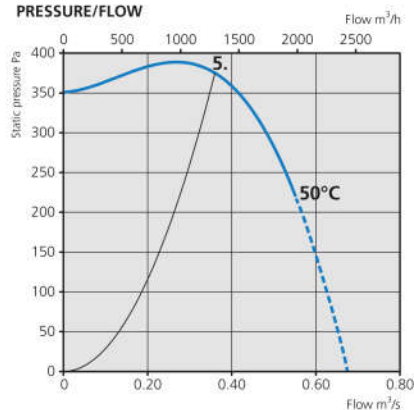
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- This product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



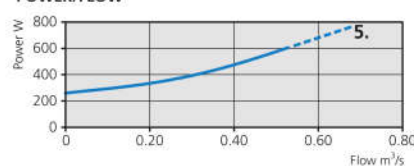
ACCESSORIES

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

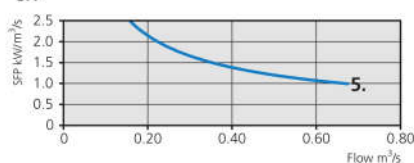
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

Measured when connected to duct on the outlet.

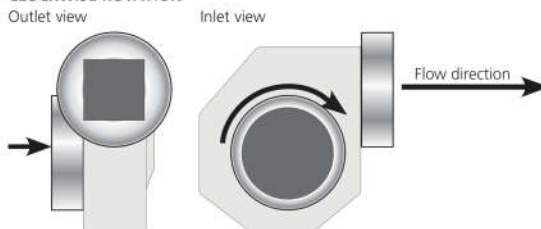
TECHNICAL DATA

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

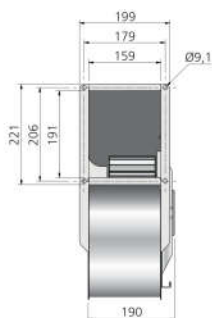
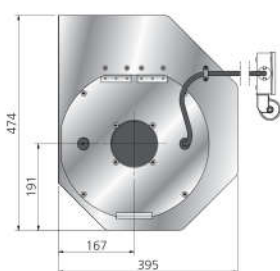
	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	67	74	45	52	65	65	70	69	67	59
5. Outlet 230V		80	63	68	71	73	74	74	74	67
5. Inlet 230V		78	61	65	73	67	73	71	70	64

CLOCKWISE ROTATION

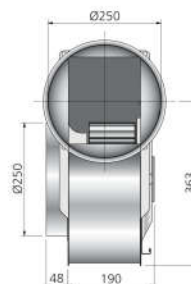
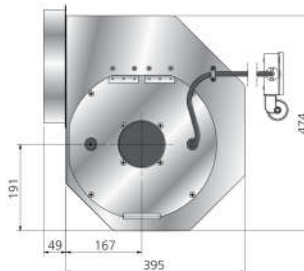


DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



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.

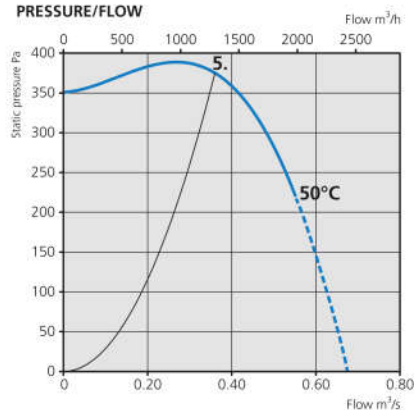
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- This product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



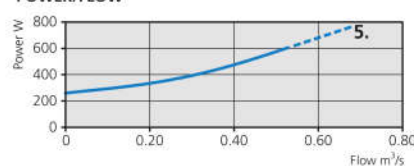
ACCESSORIES

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

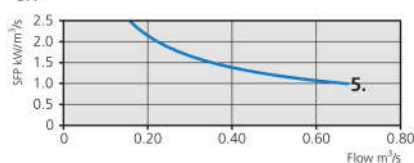
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

Measured when connected to duct on the outlet.

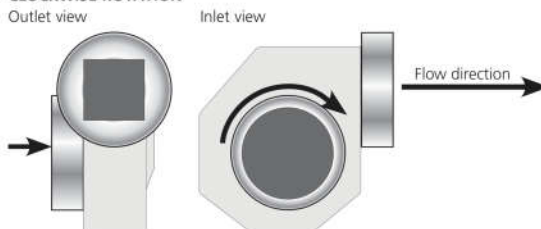
TECHNICAL DATA

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

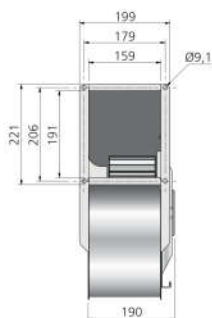
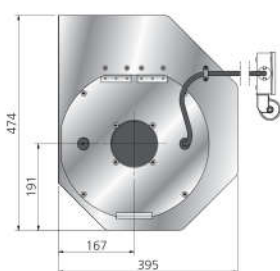
	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	67	74	45	52	65	65	70	69	67	59
5. Outlet 230V		80	63	68	71	73	74	74	74	67
5. Inlet 230V		78	61	65	73	67	73	71	70	64

CLOCKWISE ROTATION

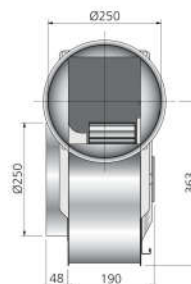
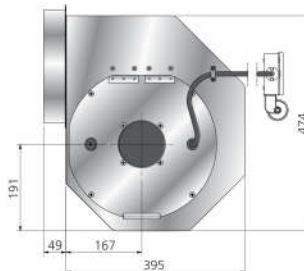


DIMENSIONS (mm)

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.

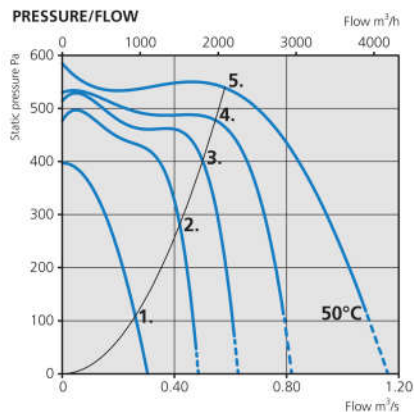
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Ideal for use in heat exchangers, dehumidifiers and air cleaners.
- This product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



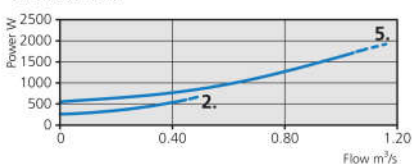
ACCESSORIES

- Transformer VRDE 13, VRTE 13

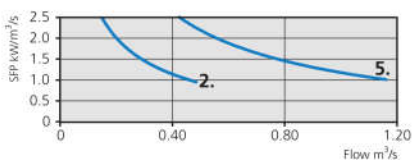
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

Measured when connected to duct on the outlet.

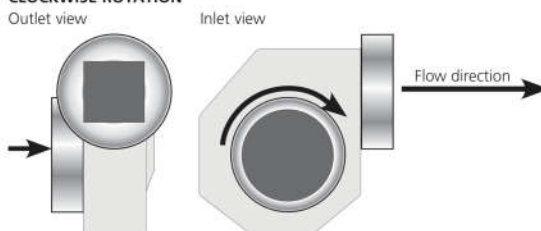
TECHNICAL DATA

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

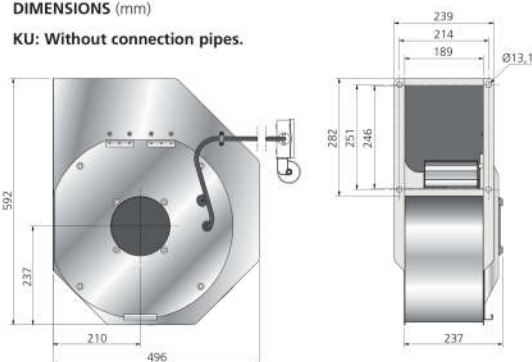
	L_{pA}	L_{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	73	80	52	61	66	71	77	74	70	63
5. Outlet 230V		87	70	71	76	79	83	80	78	72
5. Inlet 230V		82	68	72	74	70	78	76	75	69

CLOCKWISE ROTATION



DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.

