



RADIAL FAN

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.

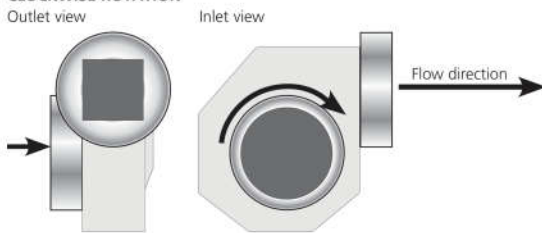
TECHNICAL DATA

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

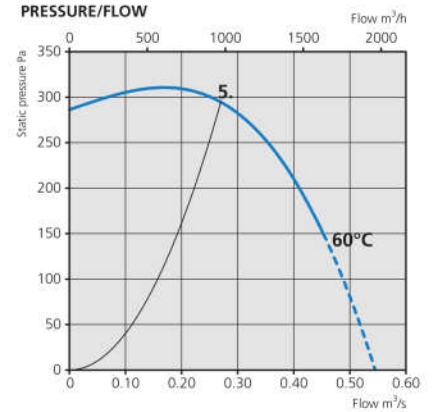
SOUND DATA

	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

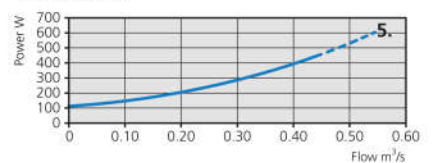
CLOCKWISE ROTATION



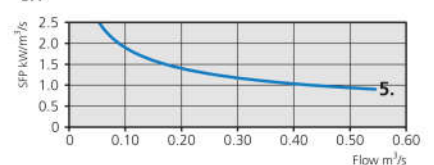
PRESSURE/FLOW



POWER/FLOW



SFP



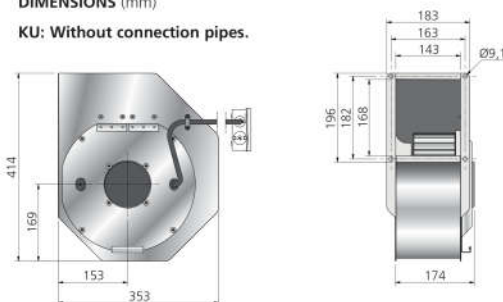
TRANSFORMER STEPS

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

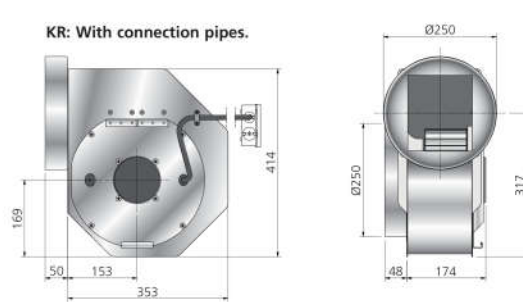
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.





RADIAL FAN

RFT 250 B 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.

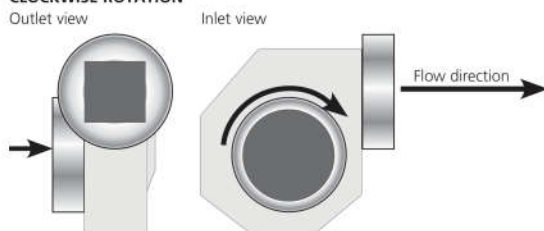
TECHNICAL DATA

RFT 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

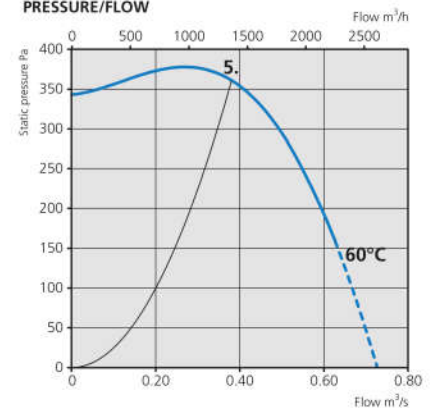
SOUND DATA

	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

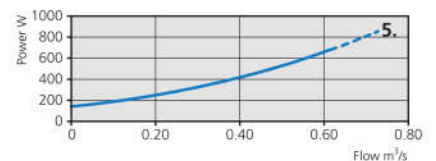
CLOCKWISE ROTATION



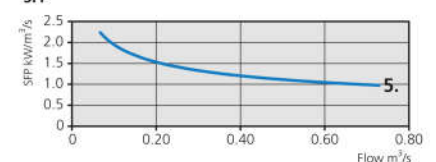
PRESSURE/FLOW



POWER/FLOW



SFP



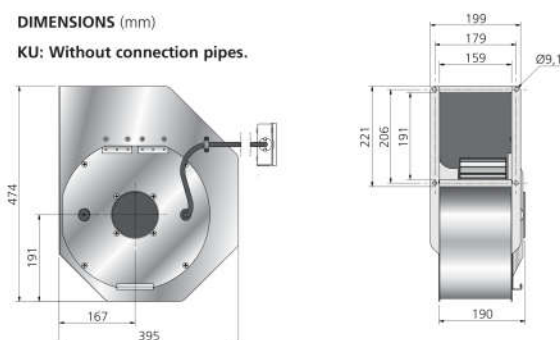
TRANSFORMER STEPS

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

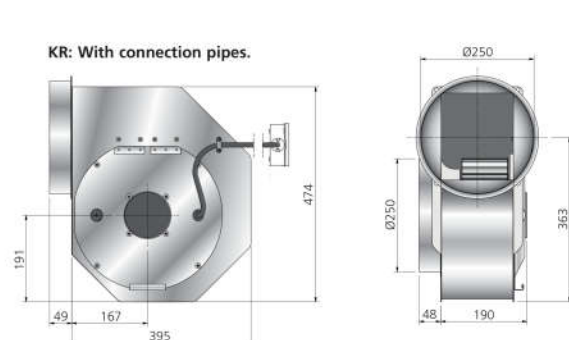
Measured when connected to duct on the inlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.





RADIAL FAN

RFT 280 F 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.

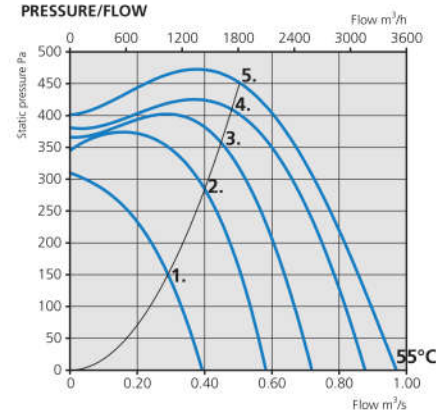
TECHNICAL DATA

RFT 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

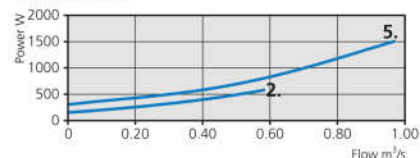
SOUND DATA

	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

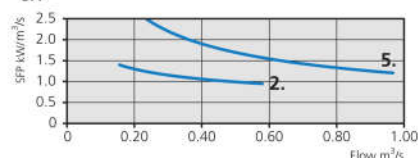
PRESSURE/FLOW



POWER/FLOW



SFP

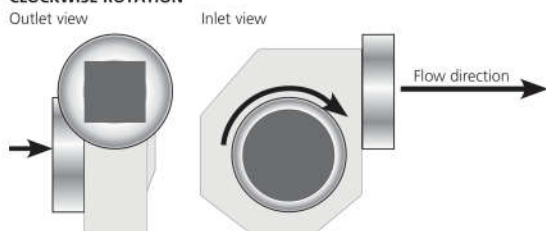


TRANSFORMER STEPS

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

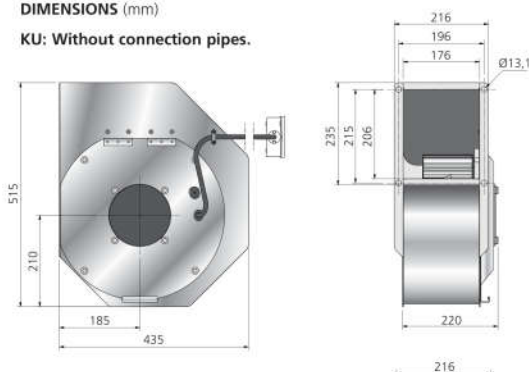
Measured when connected to duct on the inlet.

CLOCKWISE ROTATION

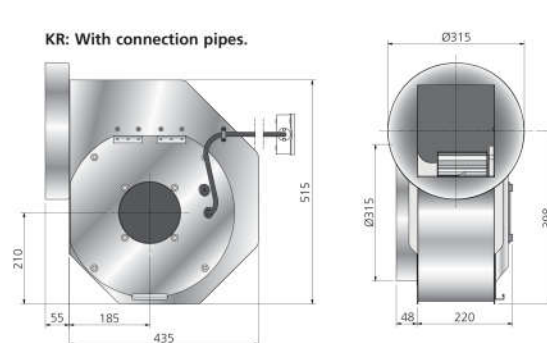


DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.





RADIAL FAN

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.

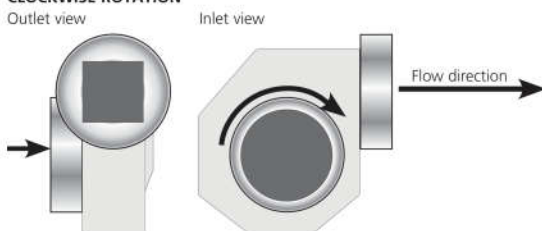
TECHNICAL DATA

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

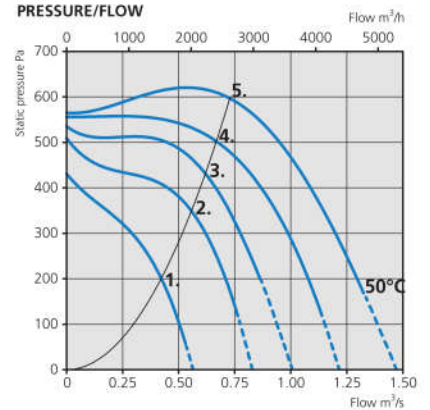
SOUND DATA

	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

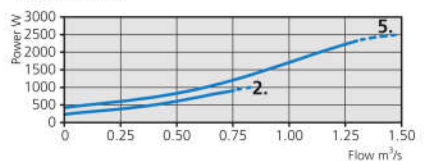
CLOCKWISE ROTATION



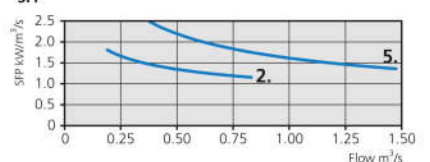
PRESSURE/FLOW



POWER/FLOW



SFP



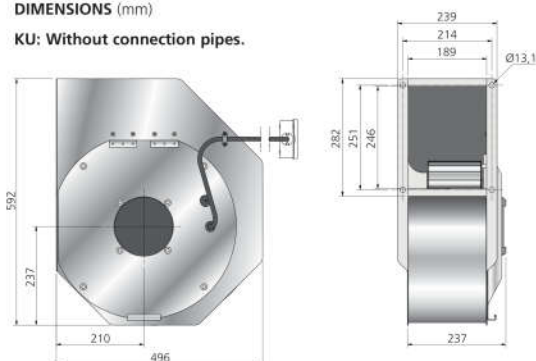
TRANSFORMER STEPS

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

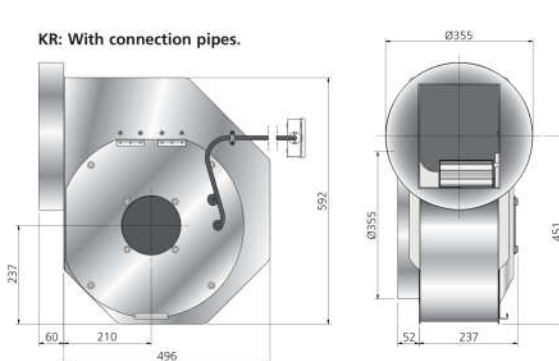
Measured when connected to duct on the inlet.

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.

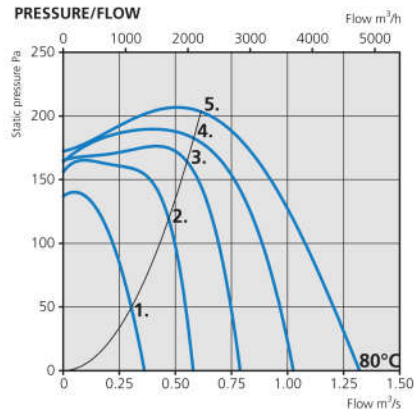
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.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



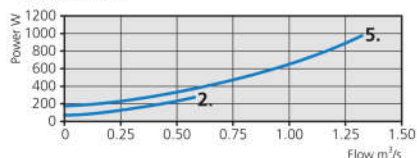
ACCESSORIES

- Transformer VRDT 4, VRTT 4

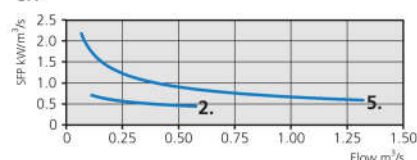
PRESSURE/FLOW



POWER/FLOW



SFP



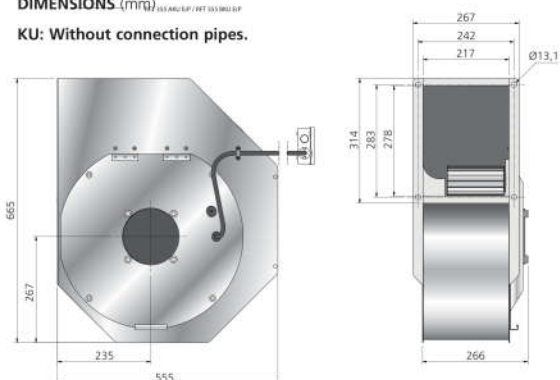
TRANSFORMER STEPS

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

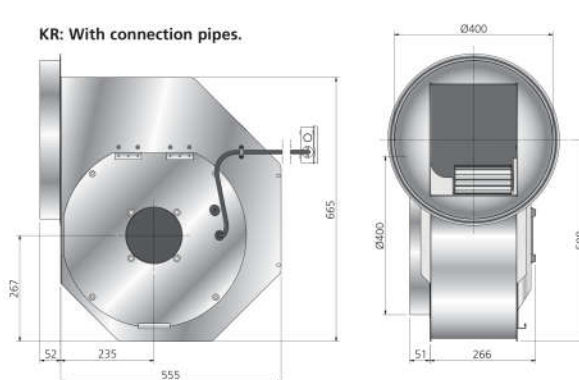
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



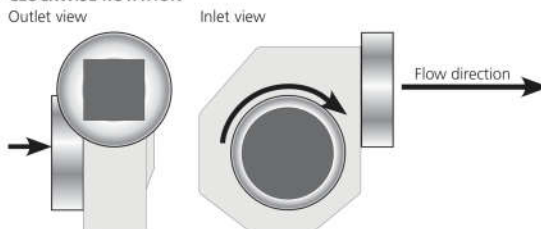
TECHNICAL DATA

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





RADIAL FAN

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.

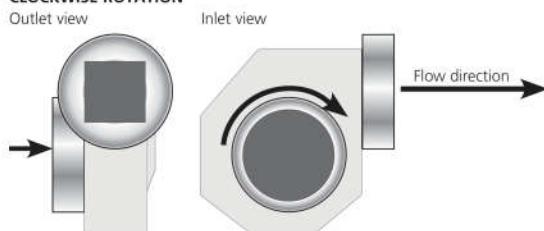
TECHNICAL DATA

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

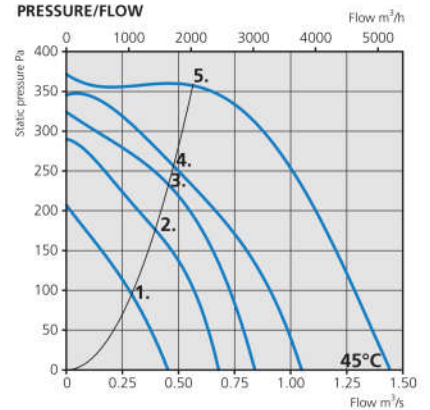
SOUND DATA

	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

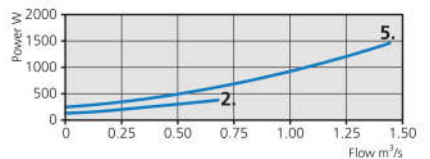
CLOCKWISE ROTATION



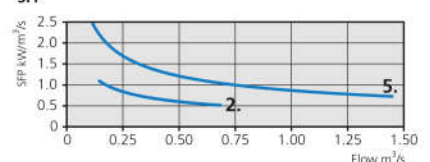
PRESSURE/FLOW



POWER/FLOW



SFP



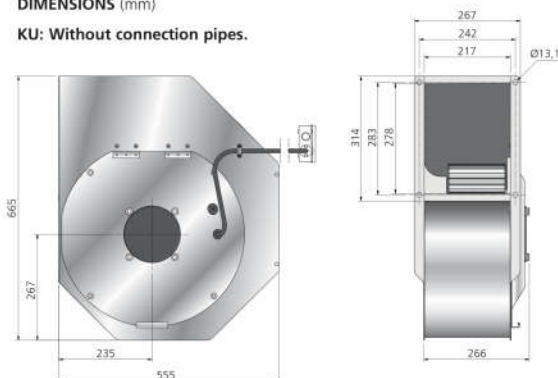
TRANSFORMER STEPS

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

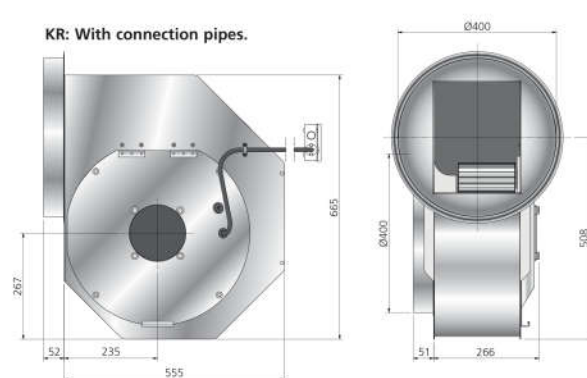
Measured when connected to duct on the inlet.

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.

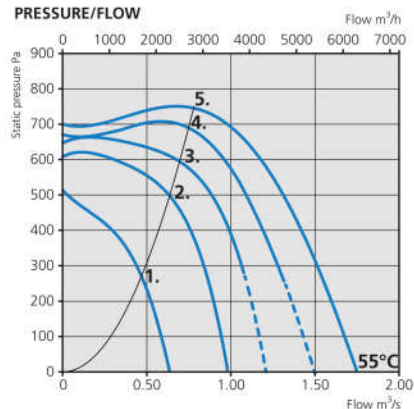
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.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



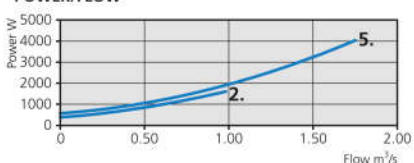
ACCESSORIES

- Transformer VRDT 11, VRTT 11

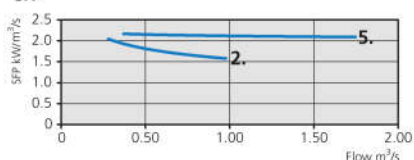
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

Measured when connected to duct on the outlet.

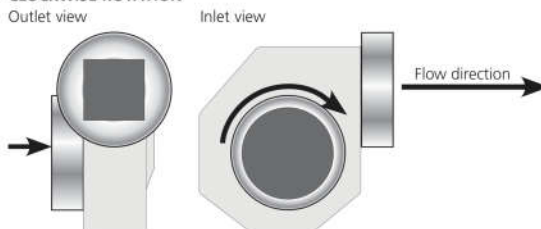
TECHNICAL DATA

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

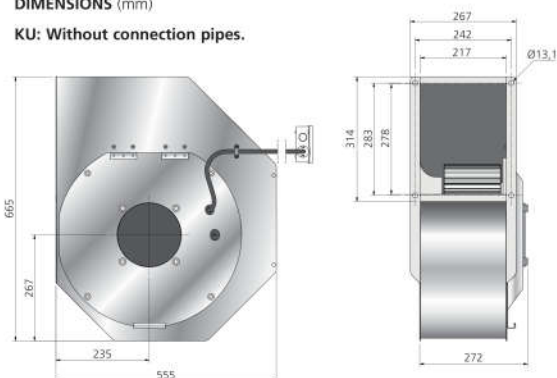
	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	77	84	56	66	70	75	80	79	76	72
5. Outlet 400V		90	63	74	75	79	86	85	84	78
5. Inlet 400V		86	67	76	73	75	81	82	79	75

CLOCKWISE ROTATION

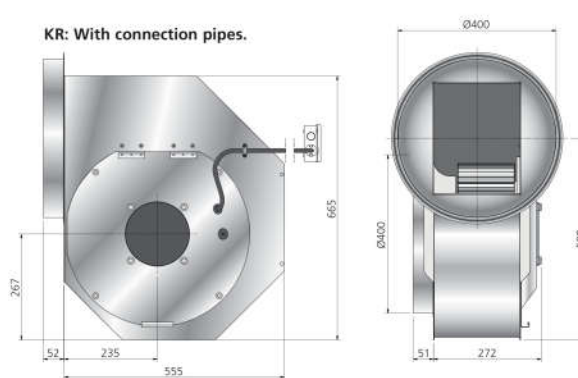


DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.





RADIAL FAN

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

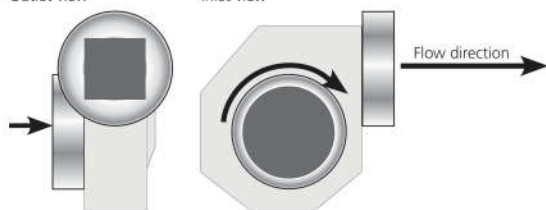
SOUND DATA

	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

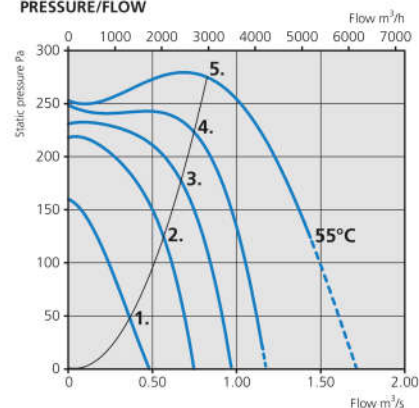
CLOCKWISE ROTATION

Outlet view

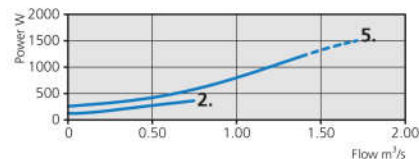
Inlet view



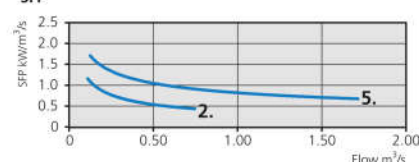
PRESSURE/FLOW



POWER/FLOW



SFP



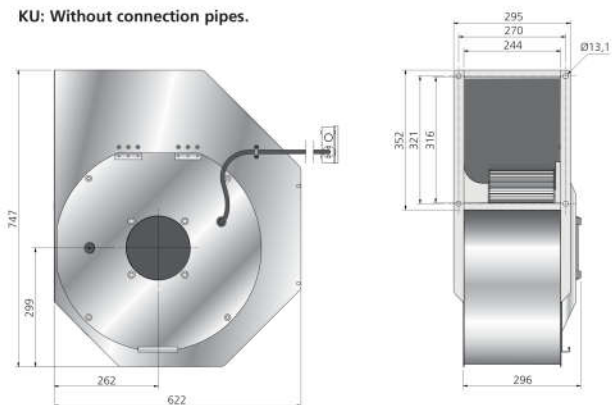
TRANSFORMER STEPS

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

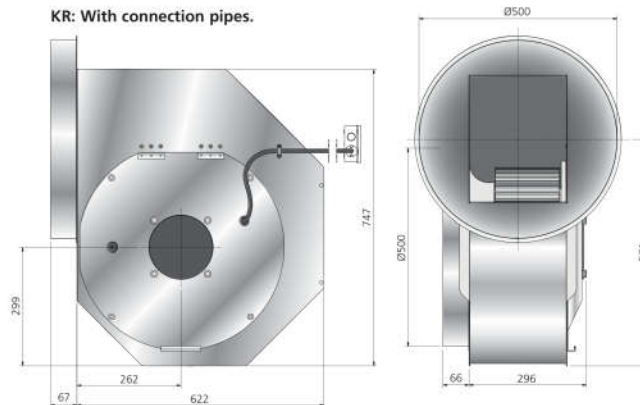
Measured when connected to duct on the inlet.

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.

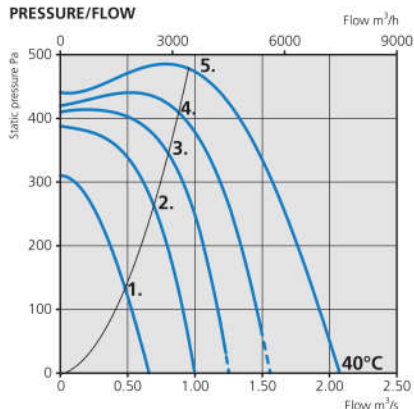
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.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



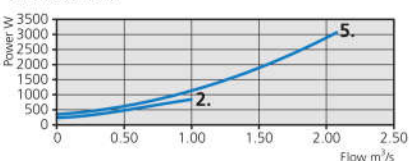
ACCESSORIES

- Transformer VRDT 7, VRTT 7

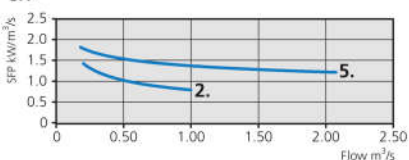
PRESSURE/FLOW



POWER/FLOW



SFP



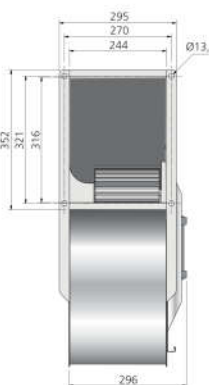
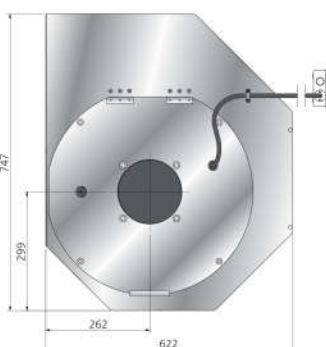
TRANSFORMER STEPS

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

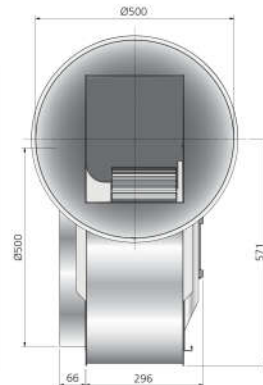
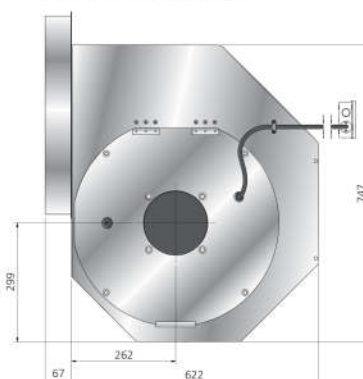
Measured when connected to duct on the outlet.

DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.



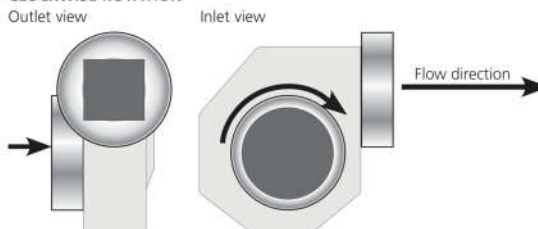
TECHNICAL DATA

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





RADIAL FAN

RFT 400 F 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.

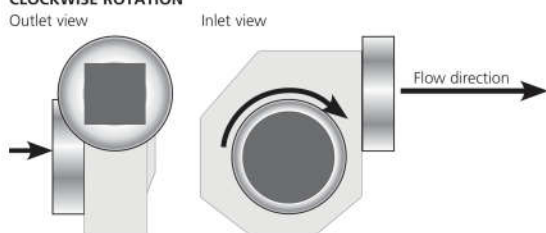
TECHNICAL DATA

RFT 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

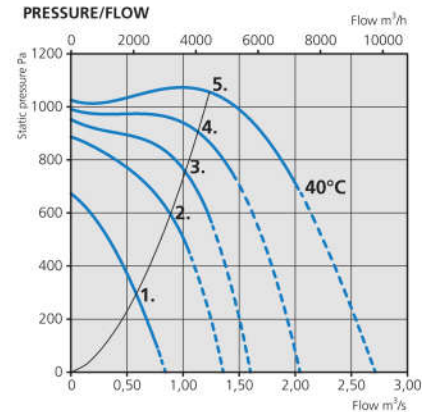
SOUND DATA

	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

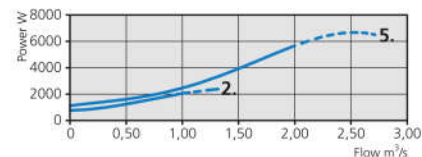
CLOCKWISE ROTATION



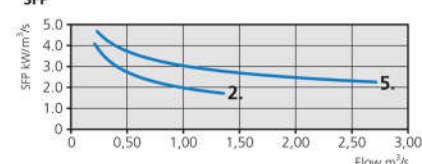
PRESSURE/FLOW



POWER/FLOW



SFP



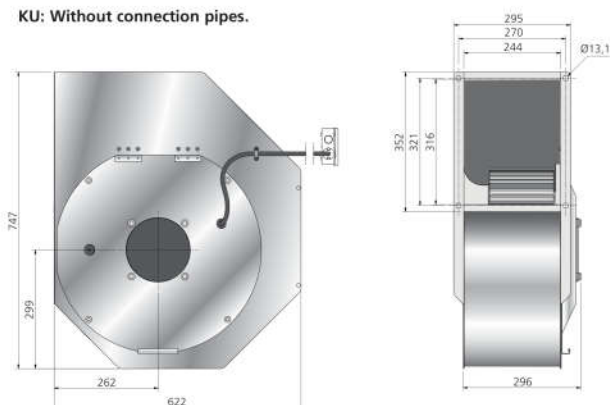
TRANSFORMER STEPS

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

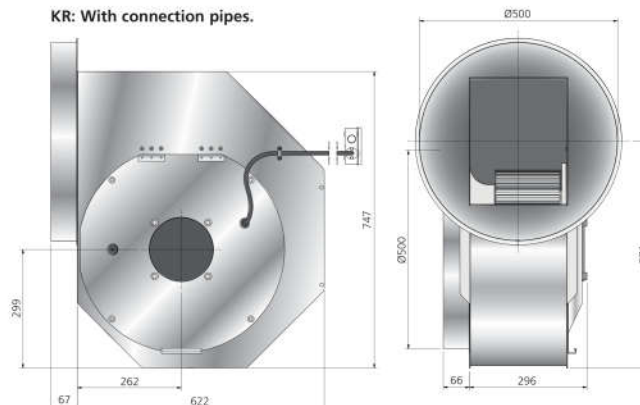
Measured when connected to duct on the inlet.

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.

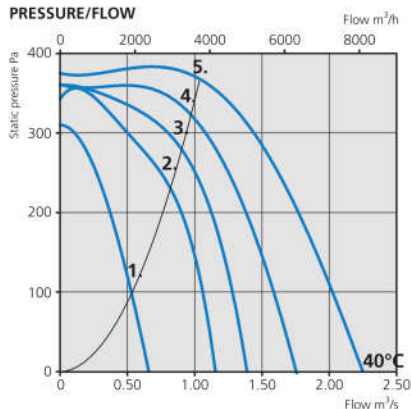
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 44.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.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



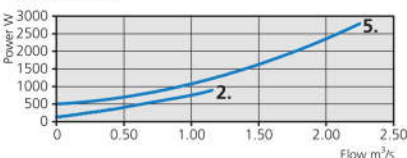
ACCESSORIES

- Transformer VRDT 7, VRTT 7

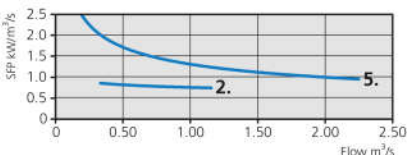
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

Measured when connected to duct on the outlet.

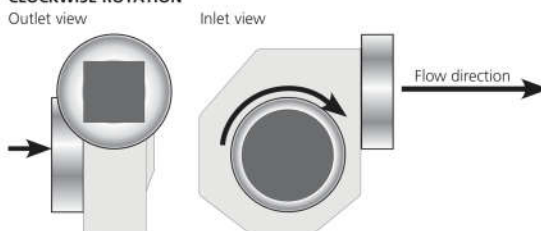
TECHNICAL DATA

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

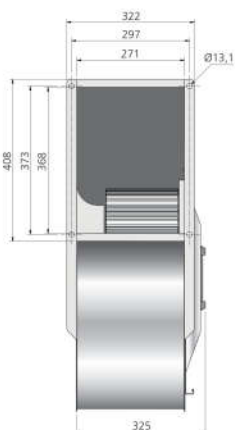
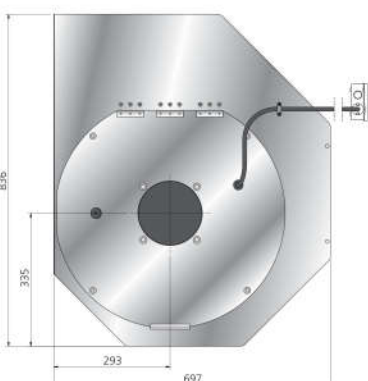
	L _{PA}	L _{WA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	71	78	49	57	63	75	72	70	68	60
5. Outlet 400V		85	65	69	72	78	79	80	76	68
5. Inlet 400V		79	61	64	62	71	72	75	71	64

CLOCKWISE ROTATION

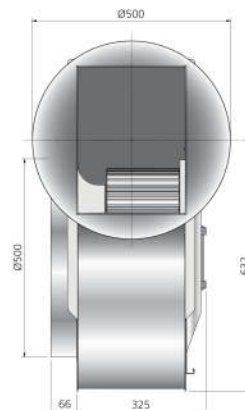
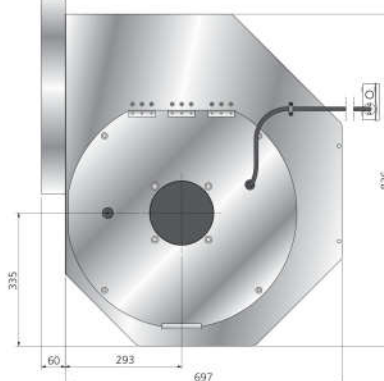


DIMENSIONS (mm)

KU: Without connection pipes.



KR: With connection pipes.





RADIAL FAN

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

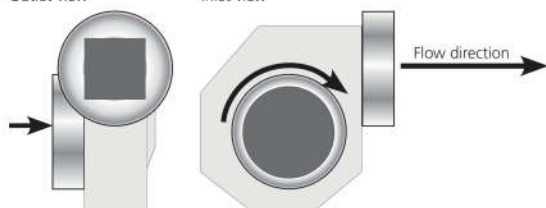
SOUND DATA

	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

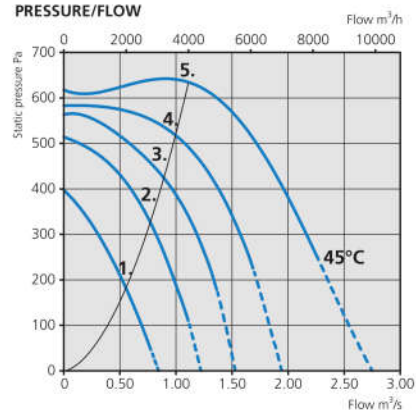
CLOCKWISE ROTATION

Outlet view

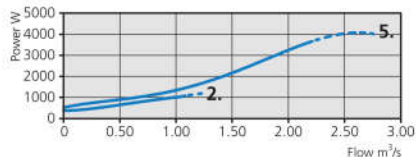
Inlet view



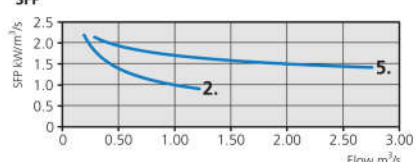
PRESSURE/FLOW



POWER/FLOW



SFP



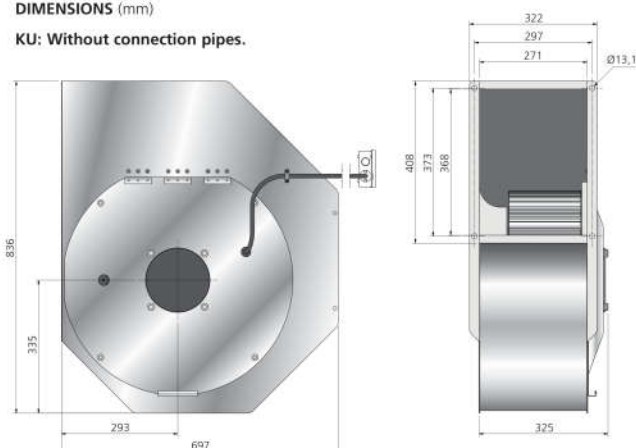
TRANSFORMER STEPS

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.

