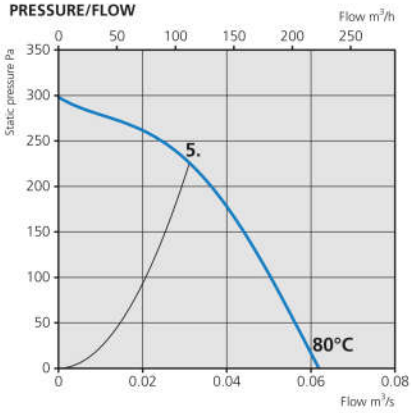
IRE 125 A1 AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

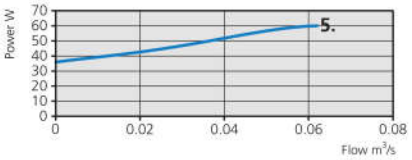
ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

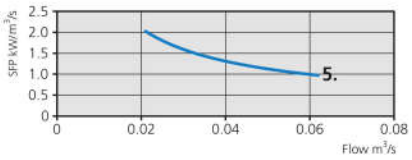
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

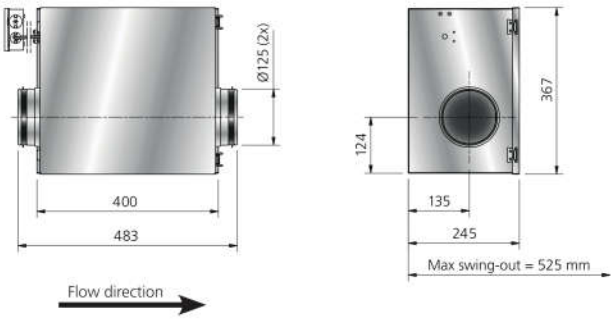
TECHNICAL DATA

IRE 125 A1 AC	Art.no. 7900073	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	0.27	A
Power	61	W
Speed	1130	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	28	dB(A)
Weight	9.7	kg
Wiring diagram	4040002	

SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	28	35	26	28	28	27	27	25	26	27
5. Outlet 230V		61	48	53	54	55	56	50	43	30
5. Inlet 230V		53	36	51	48	43	38	33	29	17

DIMENSIONS (mm)



IRE 125 B1 AC

ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

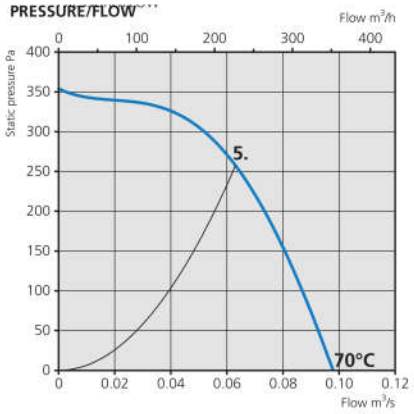
- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency 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.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

TECHNICAL DATA

IRE 125 B1 AC	Art.no. 7900075	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	0.42	A
Power	99	W
Speed	1650	rpm
Capacitor	2	µF
Max. temperature of transported air	70	C°
Max. temperature of transported air when speed controlled	70	C°
Sound pressure level at 3 m	35	dB(A)
Weight	9.7	kg
Wiring diagram	4040001	

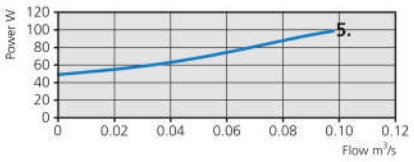
PRESSURE/FLOW



SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	35	42	34	34	39	34	32	28	27	28
5. Outlet 230V		68	55	60	61	64	62	60	53	43
5. Inlet 230V		59	42	56	55	51	44	40	37	27

POWER/FLOW



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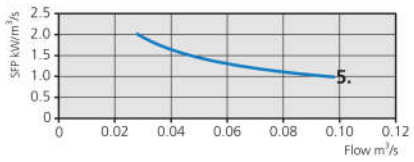
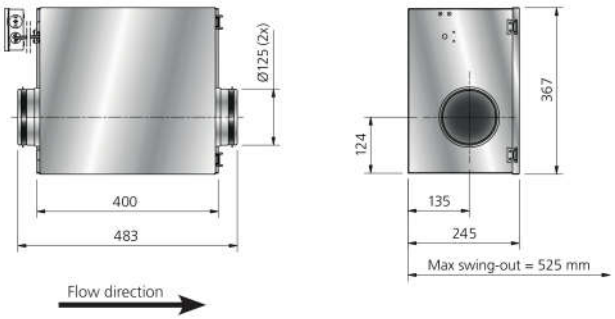


DIMENSIONS (mm)



TRANSFORMER STEPS

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

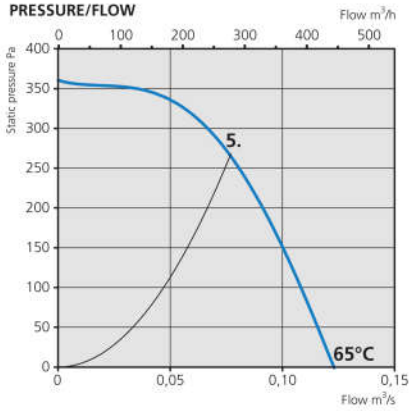
IRE 125 C1 AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

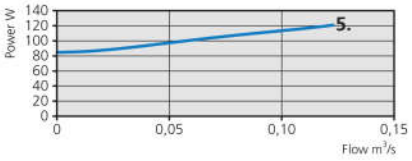
ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 125, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 125
- Backdraught shutters, RSK 125
- Louvre shutters, VK 12
- Silencer, LDC 125
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

PRESSURE/FLOW



POWER/FLOW



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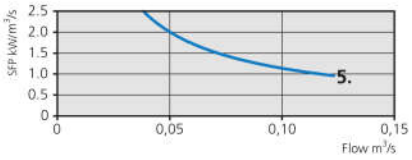


TRANSFORMER STEPS

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

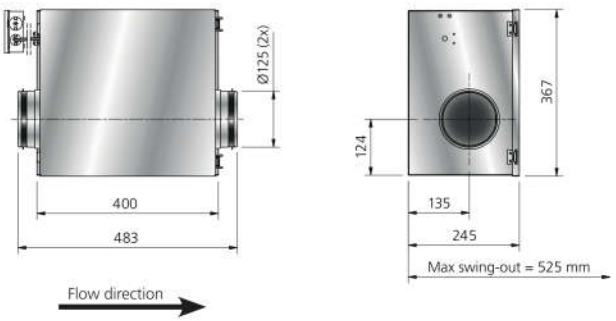
TECHNICAL DATA

IRE 125 C1 AC	Art.no. 7900077	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	0.53	A
Power	122	W
Speed	1850	rpm
Capacitor	4	µF
Max. temperature of transported air	65	C°
Max. temperature of transported air when speed controlled	65	C°
Sound pressure level at 3 m	37	dB(A)
Weight	9.7	kg
Wiring diagram	4040001	

SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	37	44	28	35	42	36	33	29	28	28
5. Outlet 230V		70	56	62	63	65	64	62	55	46
5. Inlet 230V		62	43	59	57	54	46	44	40	30

DIMENSIONS (mm)



IRE 160 B1 AC

ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 0.5

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

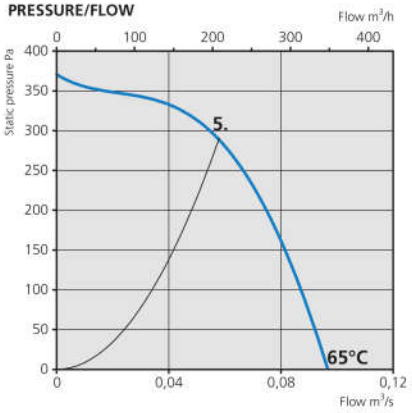
TECHNICAL DATA

IRE 160 B1 AC	Art.no. 7900082	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	0.46	A
Power	105	W
Speed	1650	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	36	dB(A)
Weight	10.1	kg
Wiring diagram	4040001	

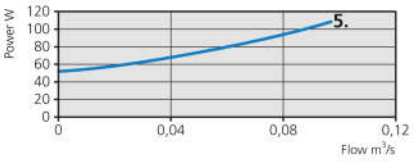
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	36	43	29	40	39	34	32	28	27	27
5. Outlet 230V		68	56	61	61	62	61	58	53	44
5. Inlet 230V		61	44	59	56	50	44	39	35	26

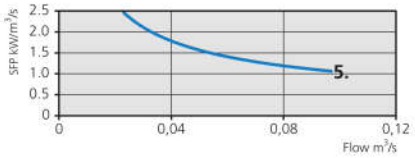
PRESSURE/FLOW



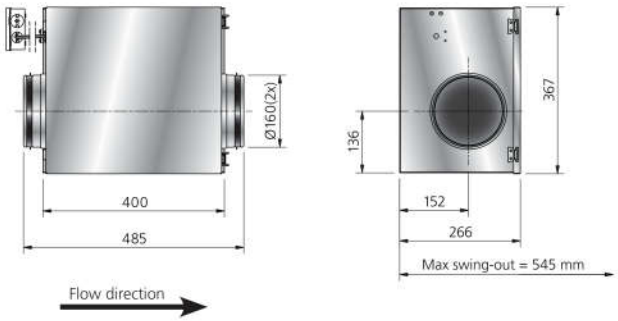
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

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

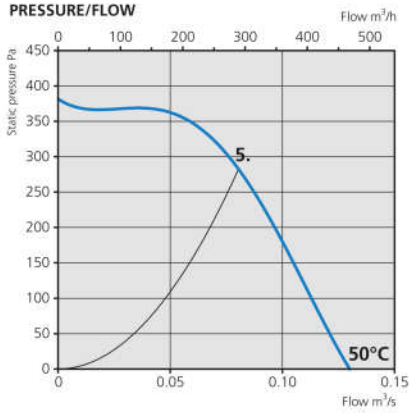
IRE 160 C1 AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

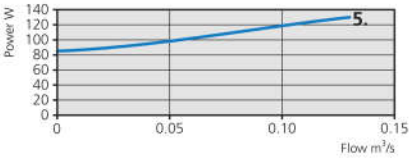
ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

PRESSURE/FLOW



POWER/FLOW



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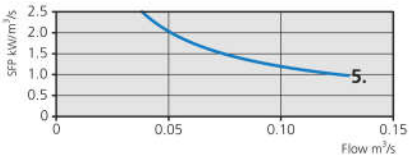


TRANSFORMER STEPS

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

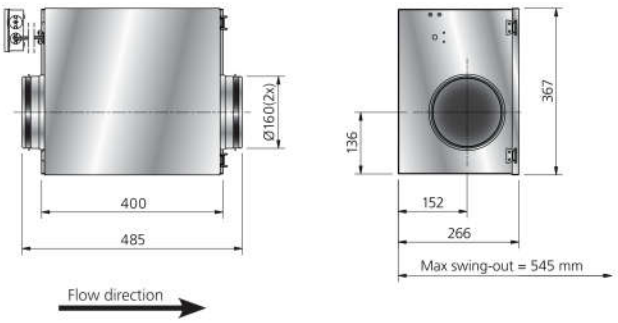
TECHNICAL DATA

IRE 160 C1 AC	Art.no. 7900084	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	0.55	A
Power	127	W
Speed	1850	rpm
Capacitor	4	µF
Max. temperature of transported air	50	C°
Max. temperature of transported air when speed controlled	50	C°
Sound pressure level at 3 m	37	dB(A)
Weight	10.1	kg
Wiring diagram	4040001	

SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	37	44	29	37	41	36	34	30	28	28
5. Outlet 230V		71	58	63	64	65	63	62	56	47
5. Inlet 230V		62	46	60	57	53	46	42	38	29

DIMENSIONS (mm)



IRE 160 D1 AC

ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 160, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 160
- Backdraught shutters, RSK 160
- Louvre shutters, VK 16
- Silencer, LDC 160
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

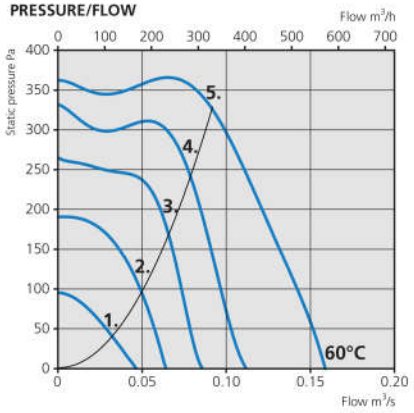
TECHNICAL DATA

IRE 160 D1 AC	Art.no. 7900017	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	0.72	A
Power	164	W
Speed	2220	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	43	dB(A)
Weight	10.3	kg
Wiring diagram	4040001	

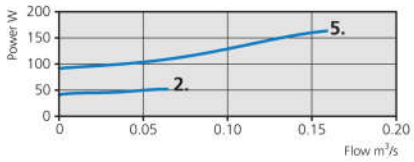
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	43	50	34	47	44	41	34	32	30	28
5. Outlet 230V		79	65	68	71	72	69	71	69	69
5. Inlet 230V		67	50	65	60	53	44	48	46	45
4. Inlet 165V		61	46	59	54	47	40	42	39	37
3. Inlet 135V		56	42	55	49	40	36	35	32	28
2. Inlet 110V		51	34	49	43	35	29	28	24	17
1. Inlet 80V		42	29	41	34	27	18	16	11	10

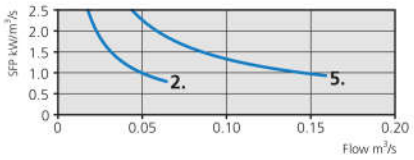
PRESSURE/FLOW



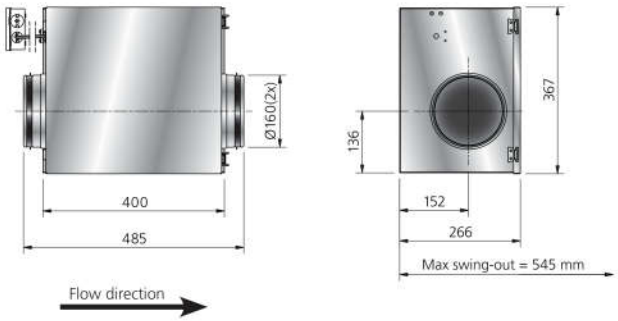
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

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

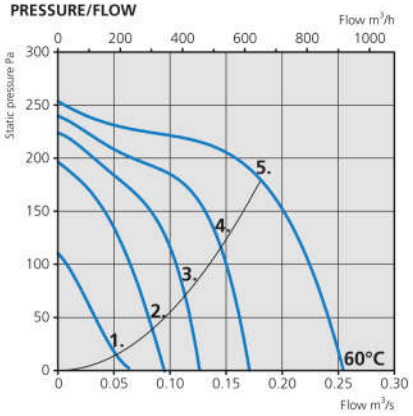
IRE 200 A1 AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

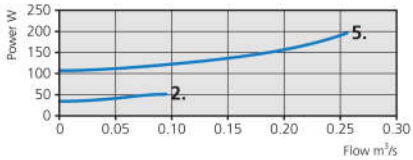
ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 200, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 200
- Backdraught shutters, RSK 200
- Louvre shutters, VK 20
- Silencer, LDC 200
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

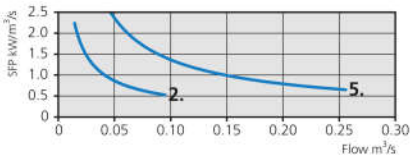
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

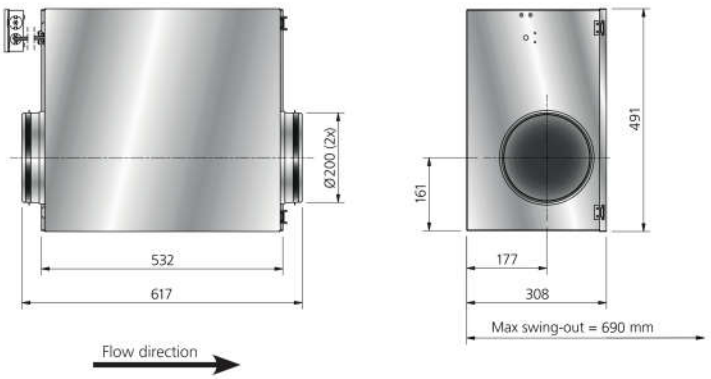
TECHNICAL DATA

IRE 200 A1 AC	Art.no. 7900087	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	0.85	A
Power	195	W
Speed	1000	rpm
Capacitor	6	µF
Max. temperature of transported air	60	C°
Max. temperature of transported air when speed controlled	60	C°
Sound pressure level at 3 m	44	dB(A)
Weight	16.8	kg
Wiring diagram	4040001	

SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	44	51	36	43	49	41	41	34	32	28
5. Outlet 230V		75	62	64	65	67	67	66	68	61
5. Inlet 230V		61	53	56	58	51	46	44	42	36
4. Inlet 165V		56	49	51	52	47	39	40	37	29
3. Inlet 135V		54	45	51	48	40	34	34	30	20
2. Inlet 110V		52	39	51	45	32	27	25	20	12
1. Inlet 80V		50	29	48	46	24	15	9	14	10

DIMENSIONS (mm)



IRE 250 C1 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- The power consumption at highest total efficiency is above 125W and meets the ErP directive.
- Double inlet radial fan with forward curved impeller.
- The external rotor motor has maintenance-free sealed ball-bearings.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Transformer VRDE 1.5, VRTE 1
- Electronic speed controller, VRS 2.0

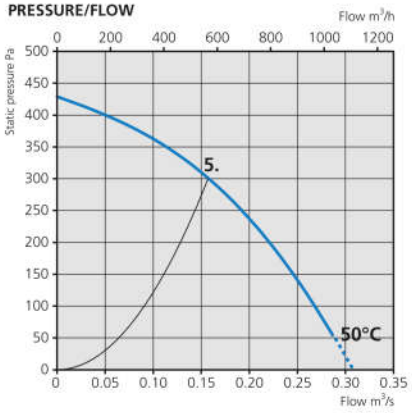
TECHNICAL DATA

IRE 250 C1 AC	Art.no. 7900095	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	1.13	A
Power	256	W
Speed	2120	rpm
Capacitor	5	µF
Max. temperature of transported air	50	C°
Max. temperature of transported air when speed controlled	50	C°
Sound pressure level at 3 m	43	dB(A)
Weight	14.4	kg
Wiring diagram	4040001	

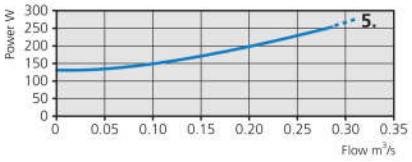
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	43	47	41	38	45	39	34	36	35	36
5. Outlet 230V		63	53	59	58	55	50	47	46	44
5. Inlet 230V		70	58	61	60	63	62	63	61	58

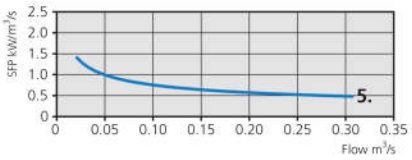
PRESSURE/FLOW



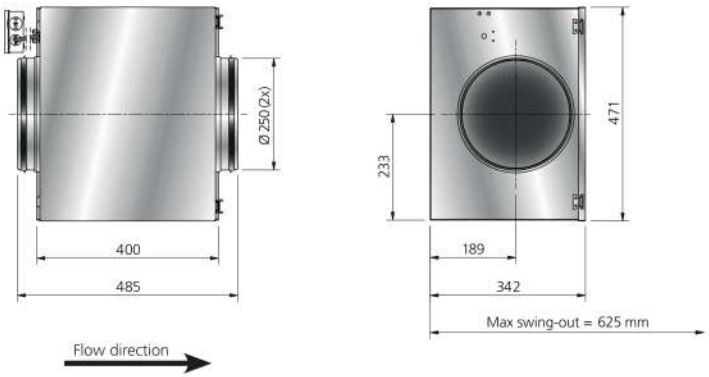
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

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

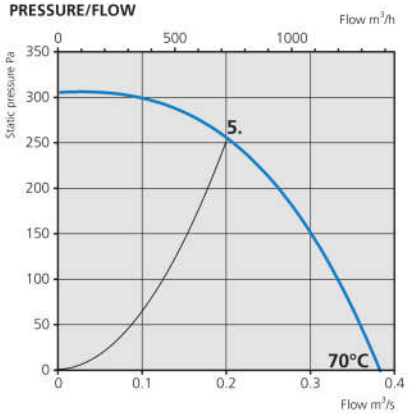
IRE 250 D1 AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- This product is not approved for use in the EU, EFTA or EEA countries.

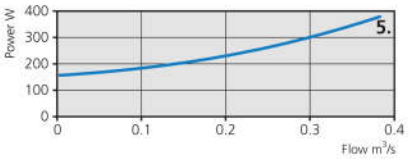
ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 250, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 250
- Backdraught shutters, RSK 250
- Louvre shutters, VK 25
- Silencer, LDC 250
- Transformer VRDE 1.5, VRTE C
- Electronic speed controller, VRS 1.0

PRESSURE/FLOW



POWER/FLOW



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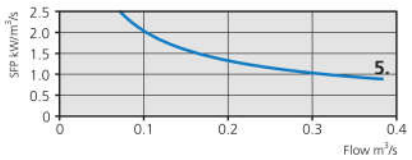


TRANSFORMER STEPS

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

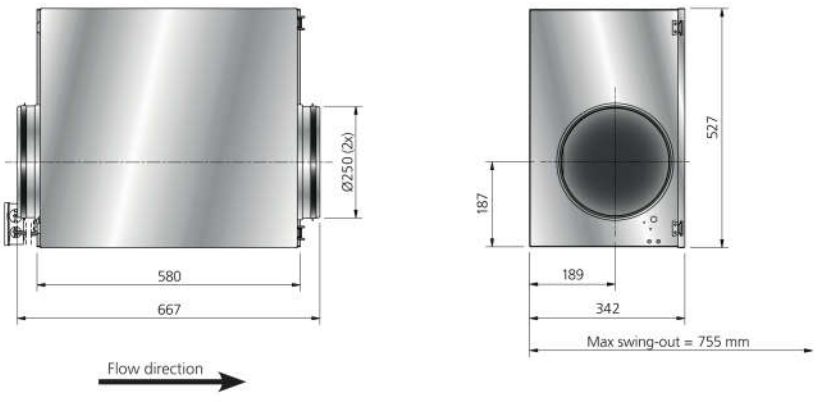
TECHNICAL DATA

IRE 250 D1 AC	Art.no. 7900097	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	1.72	A
Power	378	W
Speed	1300	rpm
Capacitor	8	µF
Max. temperature of transported air	70	C°
Max. temperature of transported air when speed controlled	70	C°
Sound pressure level at 3 m	45	dB(A)
Weight	23.6	kg
Wiring diagram	4040005	

SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	43	48	48	42	38	36	37	39
5. Outlet 230V		73	59	60	64	68	68	64	62	53
5. Inlet 230V		63	55	59	59	52	48	47	42	34

DIMENSIONS (mm)



IRE 315 B1 AC

ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Silencer, LDC 315
- Transformer VRTE 5
- Electronic speed controller, VRS 4.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- This product is not approved for use in the EU, EFTA or EEA countries.

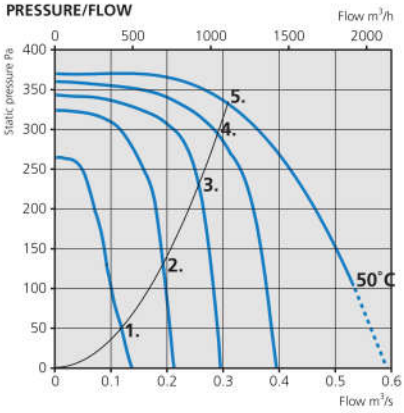
TECHNICAL DATA

IRE 315 B1 AC	Art.no. 7900104	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	3.00	A
Power	620	W
Speed	1330	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	45	dB(A)
Weight	30.8	kg
Wiring diagram	4040005	

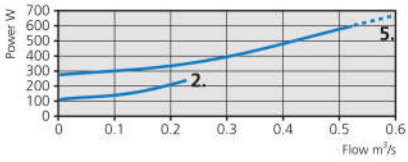
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	45	52	42	46	48	46	40	38	37	37
5. Outlet 230V		79	65	67	69	72	72	72	73	66
5. Inlet 230V		71	60	67	66	58	55	59	59	54

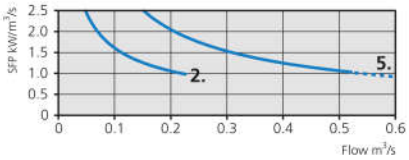
PRESSURE/FLOW



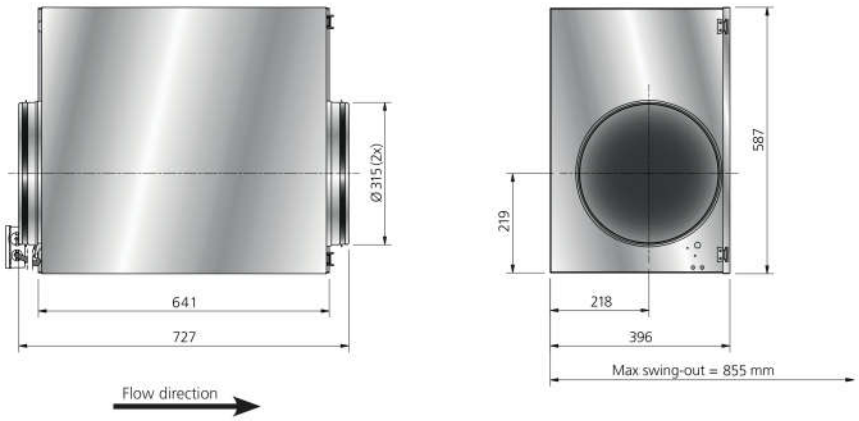
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

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

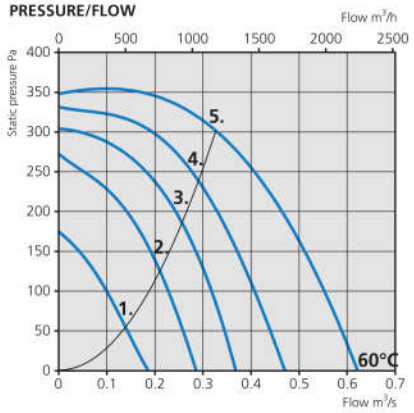
IRE 315 B3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

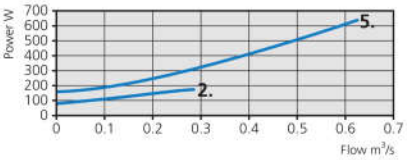
ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 315, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 315
- Backdraught shutters, RSK 315
- Louvre shutters, VK 31
- Silencer, LDC 315
- Transformer VRDT 2, VRTT 2

PRESSURE/FLOW



POWER/FLOW



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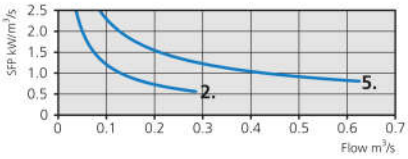


TECHNICAL DATA

IRE 315 B3 ErP AC	Art.no. 7900240	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	1.38 / 2.40	A
Power	638	W
Speed	1290	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	47	dB(A)
Weight	30.7	kg
Wiring diagram	Y 4040004 / Δ 4040003	

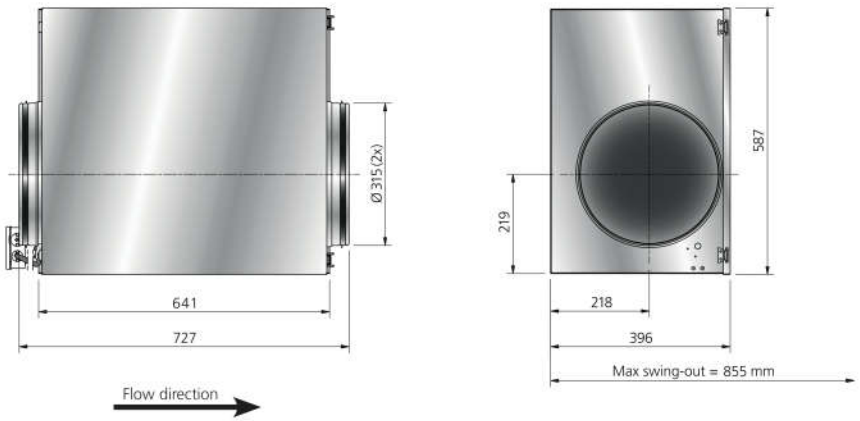
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	47	54	49	52	48	43	43	40	39	33
5. Outlet 400V		82	66	66	70	74	76	75	74	67
5. Inlet 400V		66	61	62	59	46	50	51	47	41
4. Inlet 240V		65	60	62	59	46	48	50	46	40
3. Inlet 185V		61	56	57	55	42	43	45	42	34
2. Inlet 145V		56	51	52	51	38	37	39	35	26
1. Inlet 95V		47	42	43	41	28	27	29	22	12

TRANSFORMER STEPS

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

DIMENSIONS (mm)



IRE 400 F1 AC

ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDE 7, VRTE 5
- Electronic speed controller, VRS 4.0

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- This product is not approved for use in the EU, EFTA or EEA countries.

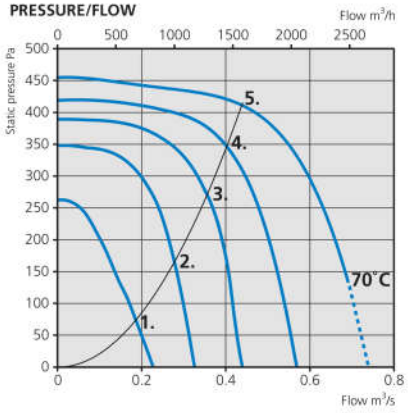
TECHNICAL DATA

IRE 400 F1 AC	Art.no. 7900109	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	4.70	A
Power	1000	W
Speed	1200	rpm
Capacitor	20	µF
Max. temperature of transported air	70	C°
Max. temperature of transported air when speed controlled	70	C°
Sound pressure level at 3 m	46	dB(A)
Weight	50.1	kg
Wiring diagram	4040005	

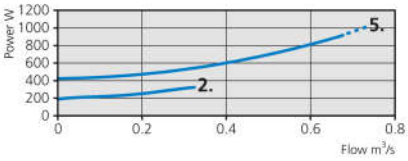
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	46	53	46	46	49	45	45	43	43	41
5. Outlet 230V		78	67	67	69	71	74	69	68	60
5. Inlet 230V		68	58	63	65	58	57	56	53	45

PRESSURE/FLOW



POWER/FLOW



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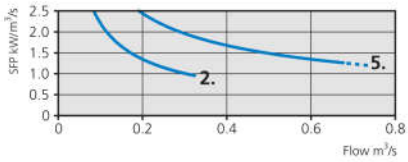
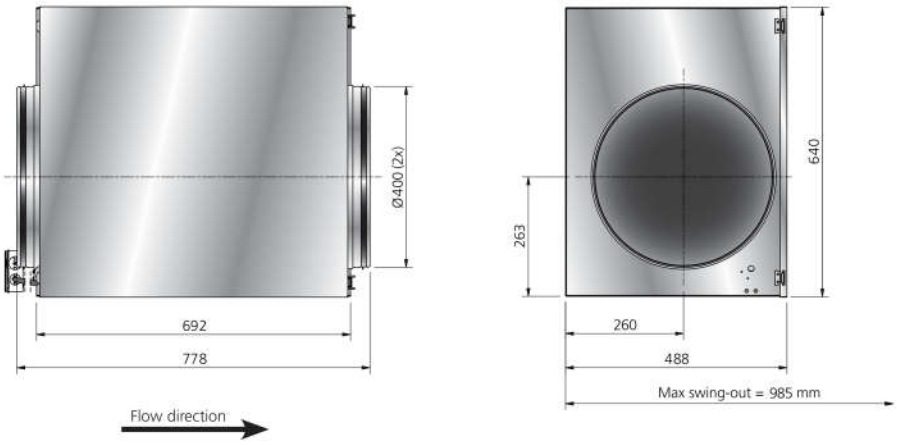


DIMENSIONS (mm)



TRANSFORMER STEPS

1. 230V

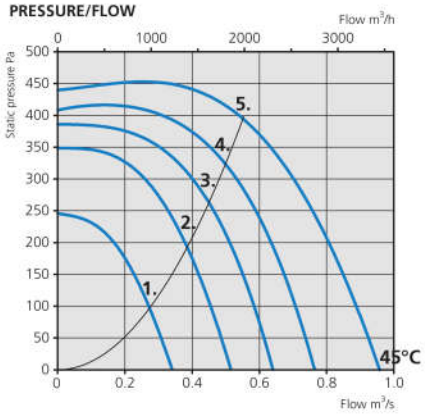
IRE 400 F3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

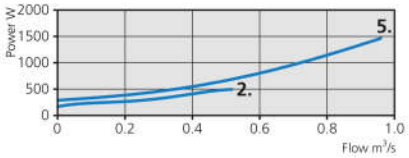
ACCESSORIES

- Mounting brackets Universal Kit
- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 4, VRTT 4

PRESSURE/FLOW



POWER/FLOW



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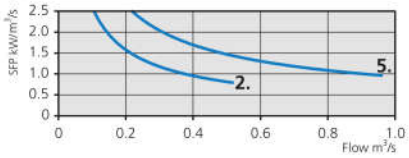


TRANSFORMER STEPS

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

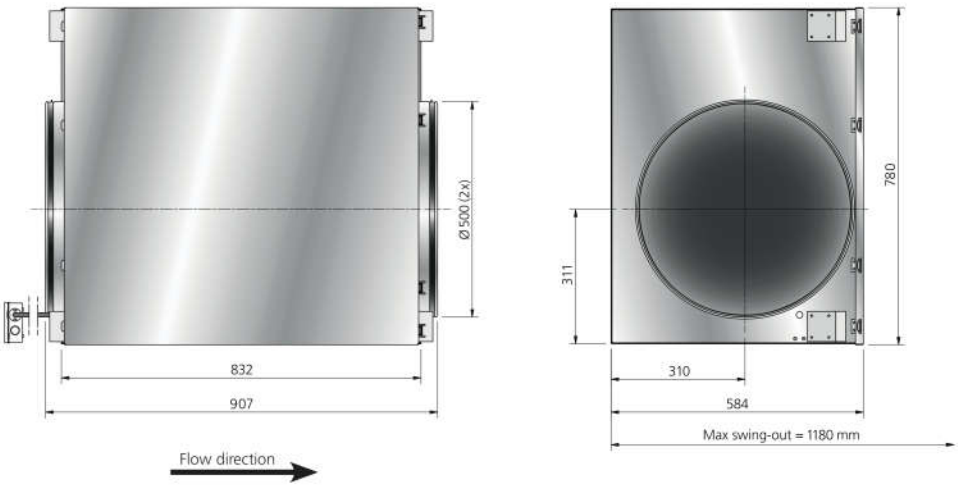
TECHNICAL DATA

IRE 400 F3 ErP AC	Art.no. 7900209	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	2.72 / 4.73	A
Power	1470	W
Speed	1310	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	50	dB(A)
Weight	46.5	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	50	57	48	50	54	48	47	44	41	34
5. Outlet 400V		91	71	77	80	79	86	86	84	77
5. Inlet 400V		72	65	68	65	53	58	59	55	50
4. Inlet 240V		71	65	68	64	53	57	58	54	49
3. Inlet 185V		69	64	66	61	49	53	54	50	45
2. Inlet 145V		65	61	61	57	45	48	49	45	38
1. Inlet 95V		58	55	52	49	37	40	41	36	26

DIMENSIONS (mm)



IRE 500 A3 ErP AC

ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 2 or 4, VRTT 2 or 4

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

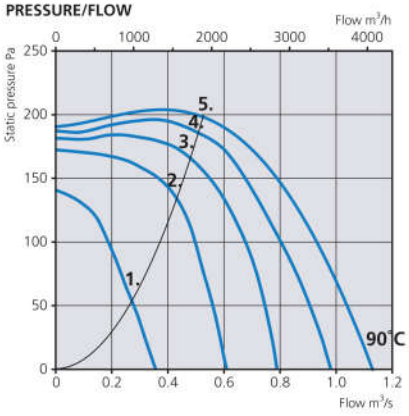
TECHNICAL DATA

IRE 500 A3 ErP AC	Art.no. 7900036	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	2.00/3.50	A
Power	540	W
Speed	690	rpm
Capacitor	-	µF
Max. temperature of transported air	90	C°
Max. temperature of transported air when speed controlled	90	C°
Sound pressure level at 3 m	42	dB(A)
Weight	71.4	kg
Wiring diagram	Y 4040004 / Δ 4040003	

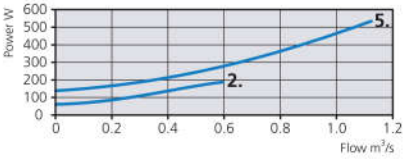
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	42	49	42	36	44	46	41	39	39	37
5. Outlet 400V		73	58	59	63	68	68	67	65	51
5. Inlet 400V		62	55	57	56	53	52	53	50	38

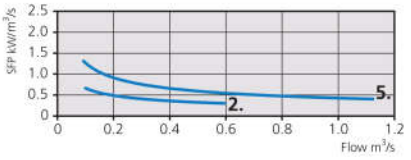
PRESSURE/FLOW



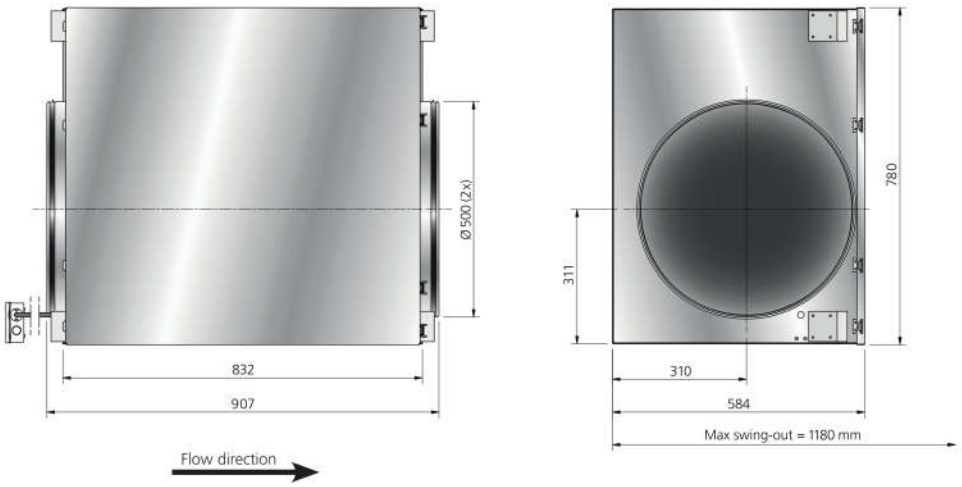
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

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

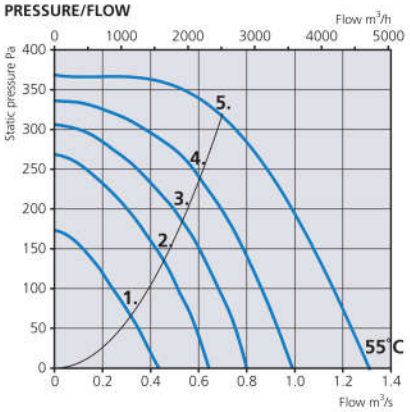
IRE 500 C3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

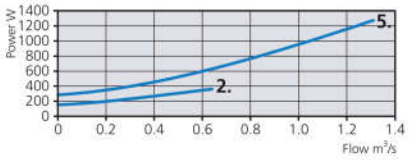
ACCESSORIES

- Mounting clamp, MK 400, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 400
- Backdraught shutters, RSK 400
- Louvre shutters, VK 40
- Transformer VRDT 4, VRTT 4

PRESSURE/FLOW



POWER/FLOW



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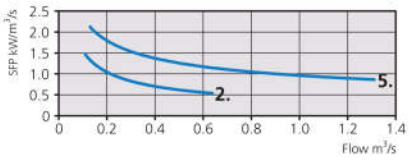


TRANSFORMER STEPS

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

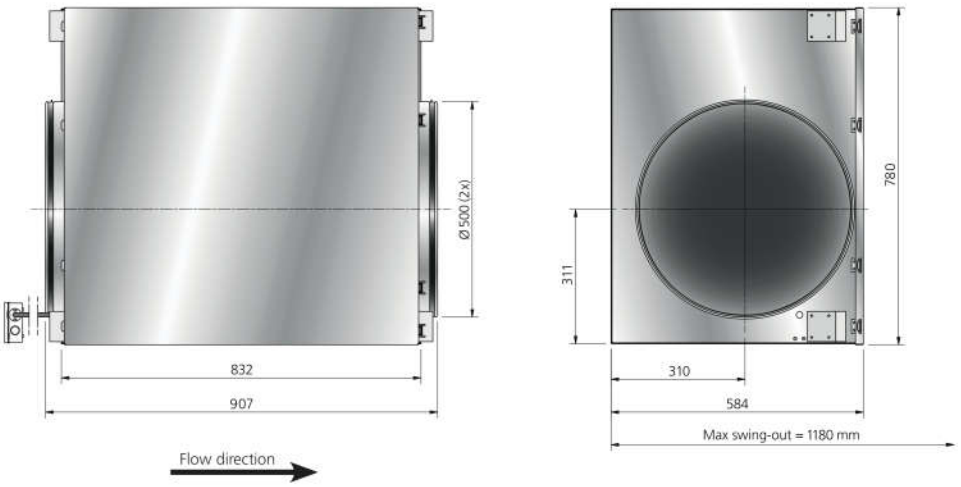
TECHNICAL DATA

IRE 500 C3 ErP AC	Art.no. 7900040	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	2.60 / 4.50	A
Power	1300	W
Speed	800	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	44	dB(A)
Weight	71.3	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	44	51	43	41	44	45	46	39	38	38
5. Outlet 400V		80	59	64	66	70	75	74	74	67
5. Inlet 400V		69	59	62	59	59	62	61	62	55

DIMENSIONS (mm)



IRE 500 D1 AC

ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDE 13, VRTE 13
- Electronic speed controller, VRS 4

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- Impeller with forward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- 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.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- This product is not approved for use in the EU, EFTA or EEA countries.

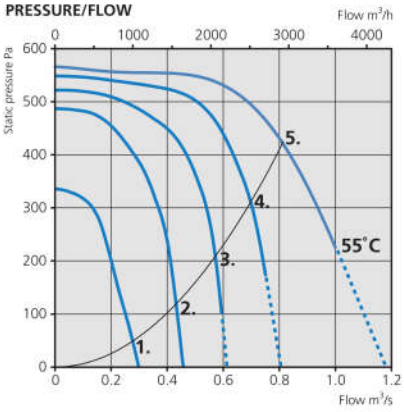
TECHNICAL DATA

IRE 500 D1 AC	Art.no. 7900118	
Voltage	230/50	V/Hz
Voltage range	220-240/50	V/Hz
Phase	1	~
Current	8.00	A
Power	1780	W
Speed	1280	rpm
Capacitor	30	µF
Max. temperature of transported air	55	C°
Max. temperature of transported air when speed controlled	55	C°
Sound pressure level at 3 m	52	dB(A)
Weight	69.2	kg
Wiring diagram	4040005	

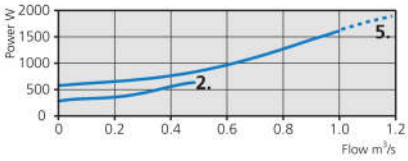
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 230V	52	59	53	48	54	53	52	52	50	43
5. Outlet 230V		86	67	72	75	77	82	81	78	68
5. Inlet 230V		73	64	67	69	62	65	65	61	53

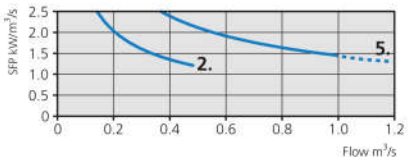
PRESSURE/FLOW



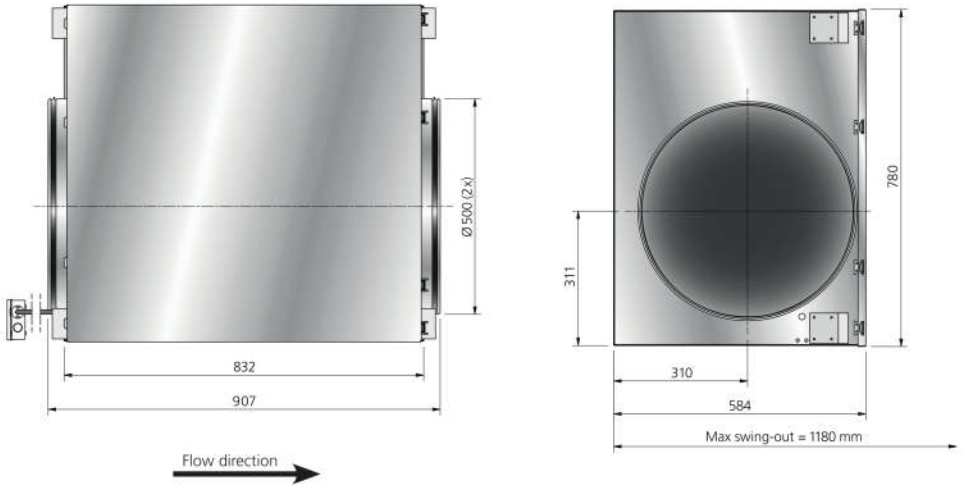
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

1. 230V

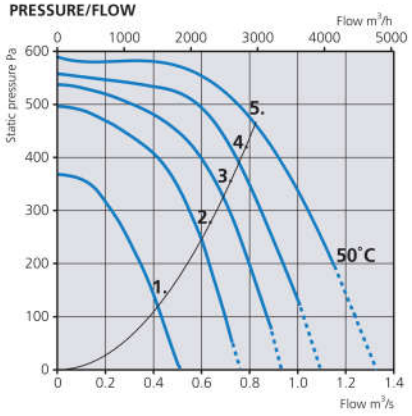
IRE 500 E3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

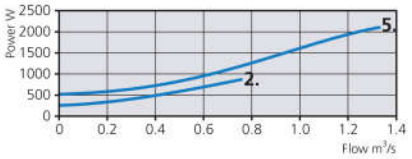
ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 4, VRTT 4

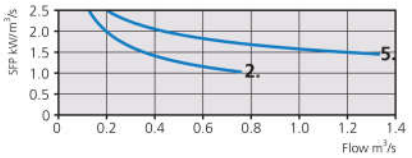
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

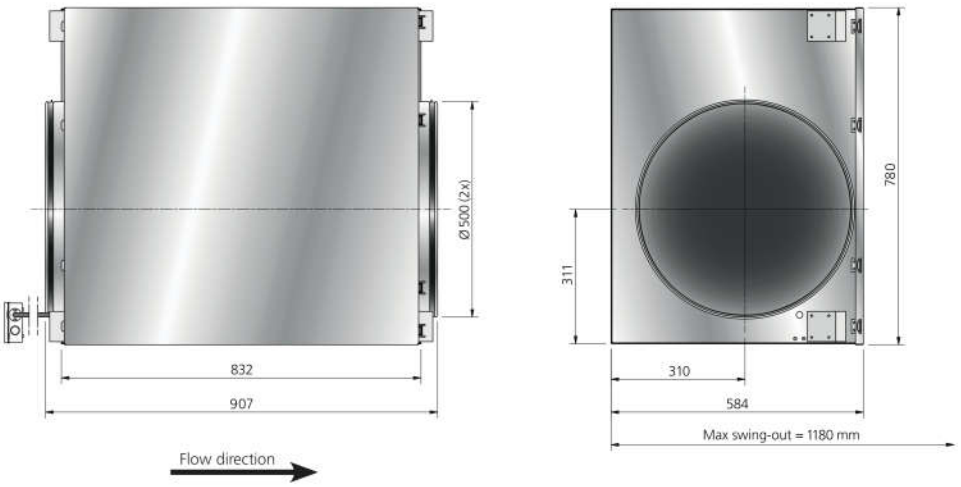
TECHNICAL DATA

IRE 500 E3 ErP AC	Art.no. 7900044	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	4.00 / 6.90	A
Power	1800	W
Speed	1380	rpm
Capacitor	-	µF
Max. temperature of transported air	50	C°
Max. temperature of transported air when speed controlled	50	C°
Sound pressure level at 3 m	52	dB(A)
Weight	68.2	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	52	59	53	47	52	52	53	53	51	45
5. Outlet 400V		87	67	72	75	78	83	81	78	68
5. Inlet 400V		73	64	68	65	64	66	66	63	55

DIMENSIONS (mm)



IRE 500 F3 ERP AC

ACCESSORIES

- Mounting clamp, MK 500, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 500
- Backdraught shutters, RSK 500
- Louvre shutters, VK 50
- Transformer VRDT 7, VRTT 7

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

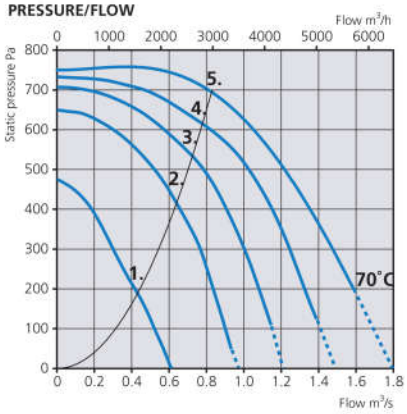
TECHNICAL DATA

IRE 500 F3 ErP AC	Art.no. 7900046	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	5.80 / 10.00	A
Power	3400	W
Speed	1390	rpm
Capacitor	-	µF
Max. temperature of transported air	70	C°
Max. temperature of transported air when speed controlled	70	C°
Sound pressure level at 3 m	55	dB(A)
Weight	81.2	kg
Wiring diagram	Y 4040004 / Δ 4040003	

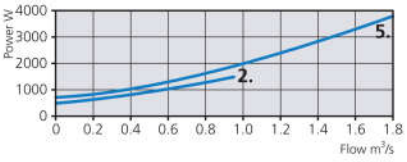
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	55	62	55	51	56	54	55	56	55	49
5. Outlet 400V		88	67	73	75	78	85	82	79	69
5. Inlet 400V		77	67	72	68	64	69	71	67	59

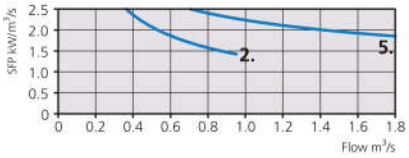
PRESSURE/FLOW



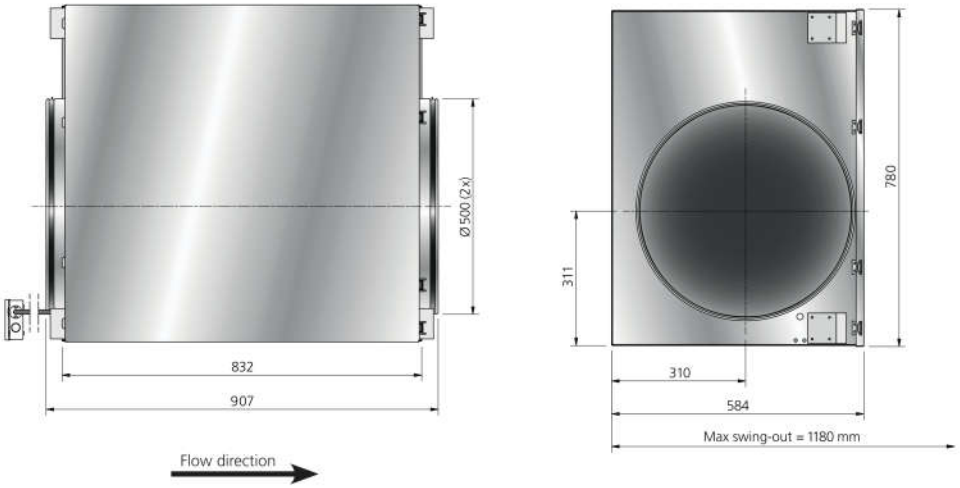
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

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

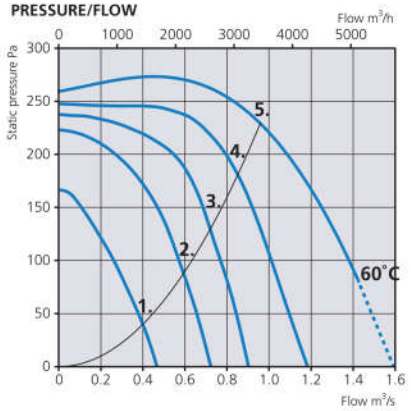
IRE 630 A3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

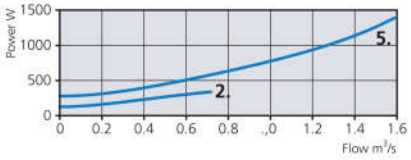
ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 4, VRTT 4

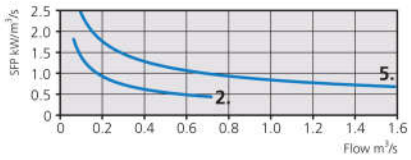
PRESSURE/FLOW



POWER/FLOW



SFP



TECHNICAL DATA

IRE 630 A3 ErP AC	Art.no. 7900058	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	2.80 / 4.80	A
Power	1200	W
Speed	660	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	45	dB(A)
Weight	99.6	kg
Wiring diagram	Y 4040004 / Δ 4040003	

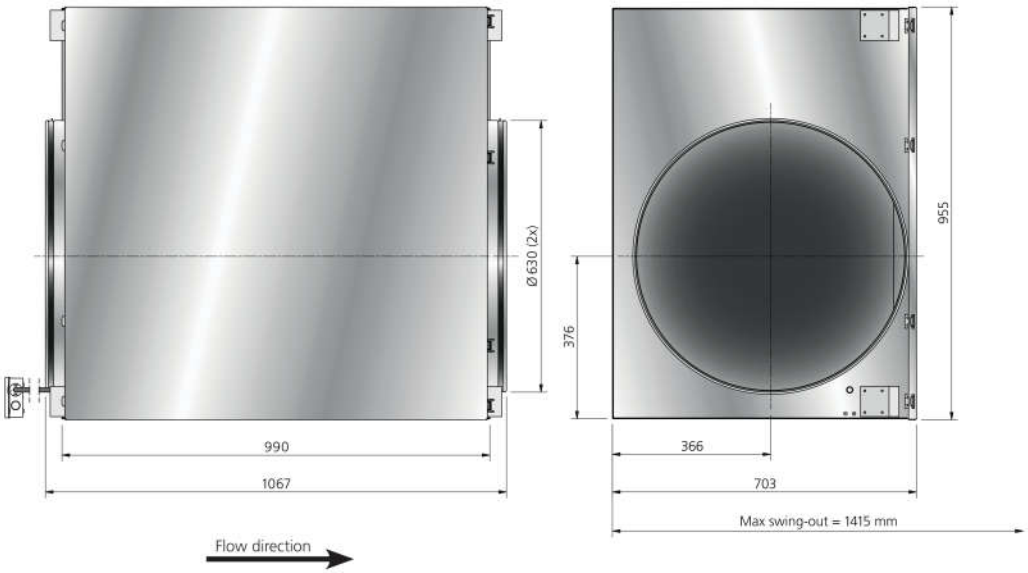
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	45	52	44	43	47	48	41	43	39	37
5. Outlet 400V		79	66	67	69	73	73	73	69	57
5. Inlet 400V		64	56	58	55	53	57	56	53	41

TRANSFORMER STEPS

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

DIMENSIONS (mm)



IRE 630 B3 ErP AC

ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 7, VRTT 7

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

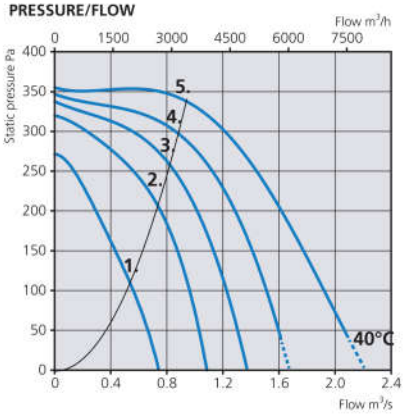
TECHNICAL DATA

IRE 630 B3 ErP AC	Art.no. 7900060	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	4.80 / 8.30	A
Power	2183	W
Speed	680	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	48	dB(A)
Weight	115.0	kg
Wiring diagram	Y 4040004 / Δ 4040003	

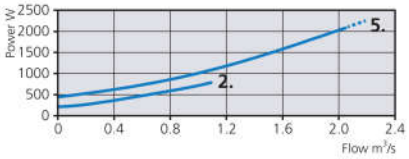
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	48	55	46	44	49	52	46	48	43	38
5. Outlet 400V		79	65	66	68	73	74	74	69	58
5. Inlet 400V		67	59	62	58	56	61	60	57	46

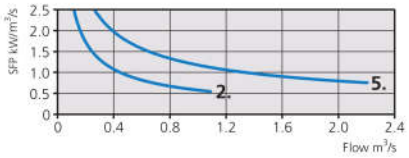
PRESSURE/FLOW



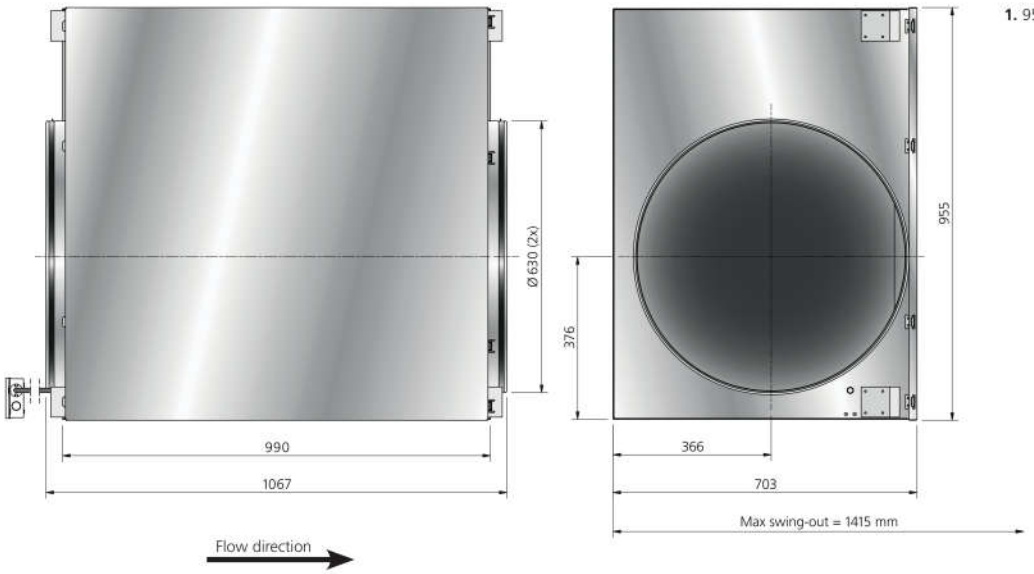
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

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

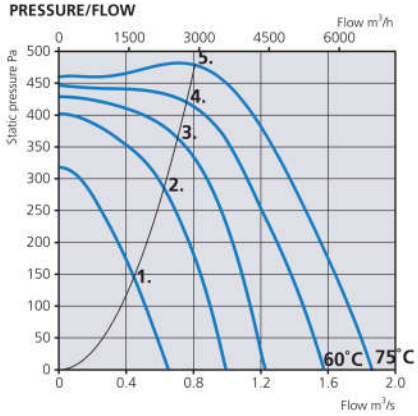
IRE 630 C3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

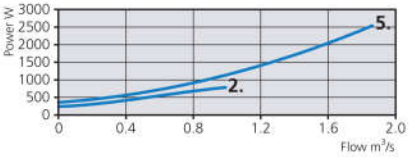
ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 7, VRTT 7

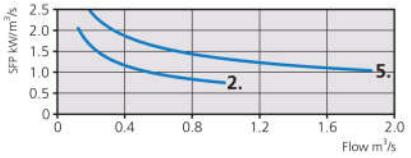
PRESSURE/FLOW



POWER/FLOW



SFP



TECHNICAL DATA

IRE 630 C3 ErP AC	Art.no. 7900062	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	4.70 / 8.14	A
Power	2540	W
Speed	890	rpm
Capacitor	-	µF
Max. temperature of transported air	75	C°
Max. temperature of transported air when speed controlled	60	C°
Sound pressure level at 3 m	45	dB(A)
Weight	104.0	kg
Wiring diagram	Y 4040004 / Δ 4040003	

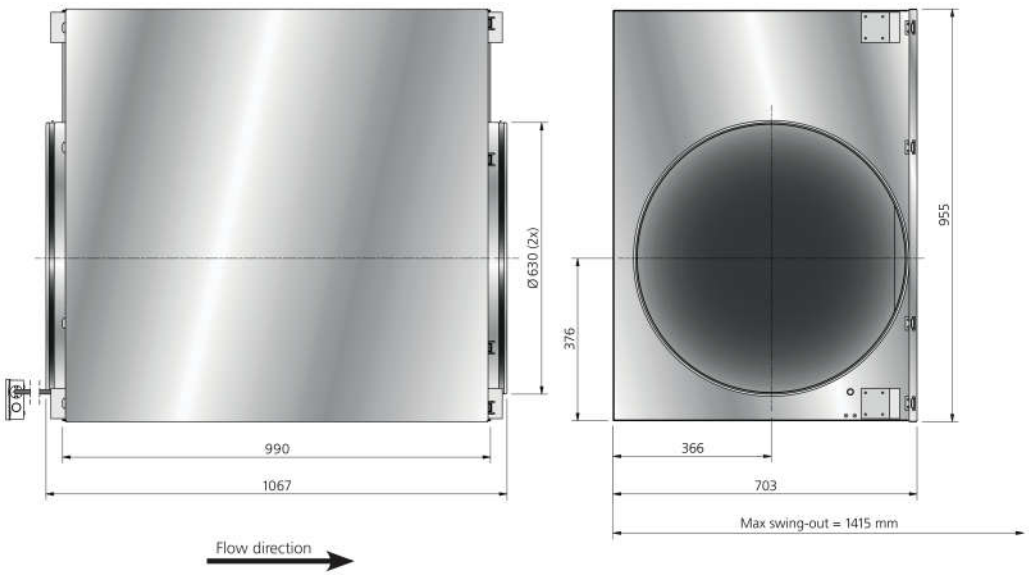
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	45	52	46	45	46	47	43	45	42	39
5. Outlet 400V		79	63	66	67	72	74	74	70	58
5. Inlet 400V		68	60	63	57	56	61	61	57	47

TRANSFORMER STEPS

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

DIMENSIONS (mm)



IRE 630 D3 ErP AC

ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 7 or 11, VRTT 7 or 11

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.

- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

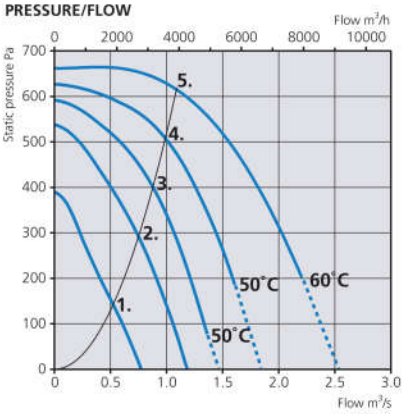
TECHNICAL DATA

IRE 630 D3 ErP AC	Art.no. 7900064	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	7.00 / 12.00	A
Power	4000	W
Speed	870	rpm
Capacitor	-	µF
Max. temperature of transported air	60	C°
Max. temperature of transported air when speed controlled	50	C°
Sound pressure level at 3 m	51	dB(A)
Weight	115.0	kg
Wiring diagram	Y 4040004 / Δ 4040003	

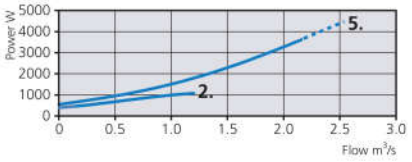
SOUND DATA

	L_{pA}	L_{wA} tot dB (A)	63	125	250	500	1K	2K	4K	8K
5. Surrounding 400V	51	58	52	48	53	54	49	50	46	43
5. Outlet 400V		83	66	70	70	76	79	79	73	63
5. Inlet 400V		71	64	66	61	59	65	62	60	50

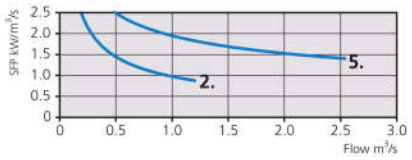
PRESSURE/FLOW



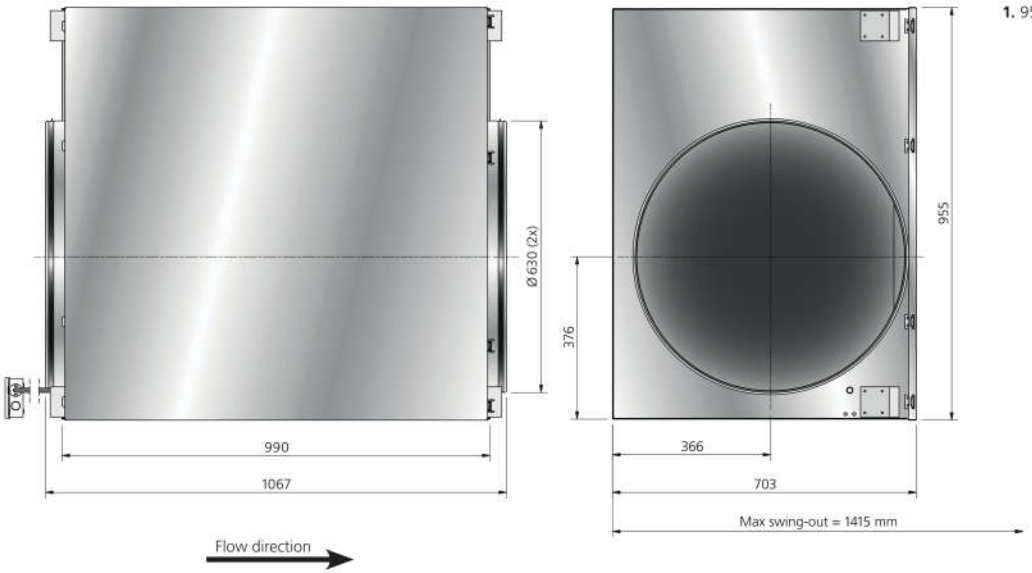
POWER/FLOW



SFP



DIMENSIONS (mm)



TRANSFORMER STEPS

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

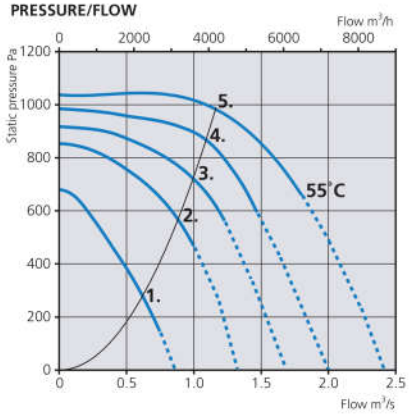
IRE 630 E3 ErP AC

- Insulated duct fan with circular connections.
- Equipped with 50 mm of thermal and acoustic insulation makes it ideal for handling cold air.
- Designed for high pressure and long duct runs..
- The design priorities functionality, durability and longevity.
- 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.
- Integrated approved thermal motor protection.
- Motor has insulation class F.
- Enclosure class of the fan is IP 54.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- The housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.

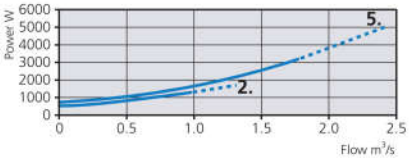
ACCESSORIES

- Mounting clamp, MK 630, simplifies the connection to duct and absorb vibrations
- Safety grill, BSV/BSR 630
- Backdraught shutters, RSK 630
- Louvre shutters, VK 63
- Transformer VRDT 11, VRTT 11

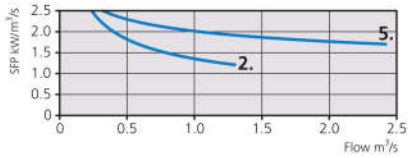
PRESSURE/FLOW



POWER/FLOW



SFP



TRANSFORMER STEPS

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

TECHNICAL DATA

IRE 630 E3 ErP AC	Art.no. 7900066	
Voltage	Y 400/Δ 230 / 50	V/Hz
Voltage range	380-415/50	V/Hz
Phase	3	~
Current	8.90 / 15.40	A
Power	3210	W
Speed	1390	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	56	dB(A)
Weight	113.0	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	56	63	57	54	57	56	56	58	53	48
5. Outlet 400V		92	73	77	78	82	88	87	82	72
5. Inlet 400V		78	67	72	67	63	73	73	68	60

DIMENSIONS (mm)