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RADITEK EC

Radial Fan *Backward-Curved*



RADITEK EC backward-curved radial fan provides high efficiency and low-noise operation with its compact external rotor motor and composite impeller structure. Thanks to its aerodynamic design, it delivers powerful airflow while offering an ideal compact structure for use in limited spaces.

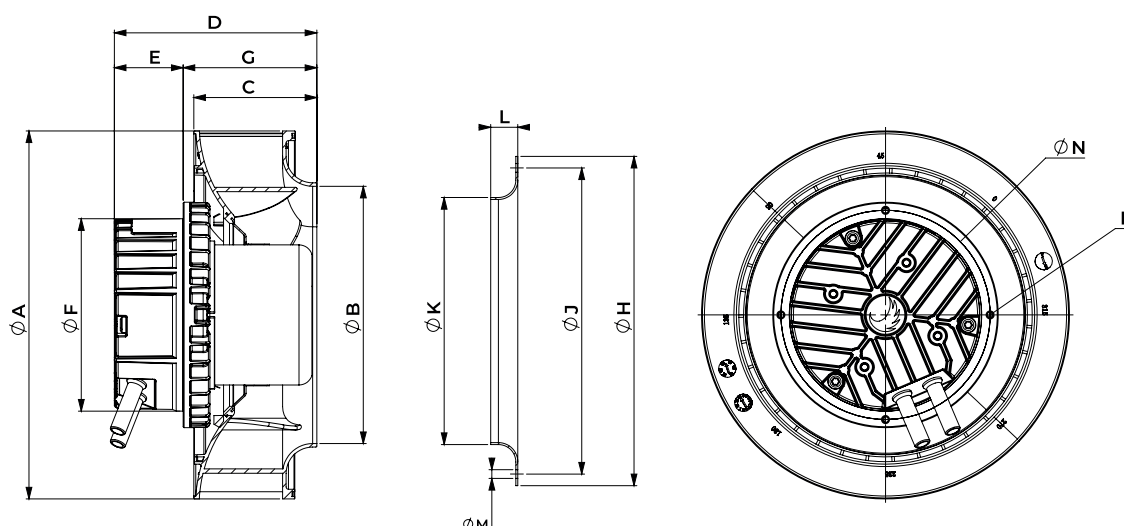
With its integrated EC motor driver, it enables precise and remote speed control, allowing flexible operation. It stands out as an energy-efficient, maintenance-free and reliable solution for HVAC systems, air handling units and duct-type applications.

	Voltage	Frequen- cy	Max. Airf- low	Speed	Input Power	Sound Pressure Level	Current
Model	[V]	[Hz]	[m³/h]	[RPM]	[W]	Lp[A] @ 3m	[A]
RADITEK EC 3M 175-72 - A21	1~200-277V	50/60 Hz	800	4500	165	81	1,3
RADITEK EC 3M 190-72 - A21	1~200-277V	50/60 Hz	800	4300	170	80	1,3
RADITEK EC 3M 220-72 - A21	1~200-277V	50/60 Hz	1150	3000	143	76	1,1
RADITEK EC 3M 225-72 - A21	1~200-277V	50/60 Hz	1200	2800	145	75	0,65
RADITEK EC 3M 250-92 - A21	1~200-277V	50/60 Hz	1700	2800	225	70	1,45

Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



MODEL	A	B	C	D	E	F	G	H	J	L	K	M	N	P
RADITEK EC 3M 175-72 - A21	175	132,4	62,9	103,5	35	99,5	68,5	170	158	14	127,5	4,5	108	M4
RADITEK EC 3M 190-72 - A21	190	132,8	63,5	104	35	92	69	170	158	14	127,5	4,5	105	M4
RADITEK EC 3M 220-72 - A21	220	161	64,9	122	35	99,5	87	252	230	21	157	5,5	108	M4
RADITEK EC 3M 225-72 - A21	225	155	90	125	26	92	99	223	210	27	145,5	4,5	105	M4
RADITEK EC 3M 250-92 - A21	250	172	85	126,5	33	115	93,5	255	240	30	166	4,5	125	M4

Dimensions are specified in mm.

RADSION EC



Radial Fan *Backward-Curved*



RADSION EC fans provide high-efficiency and long-lasting air movement with their direct-coupled aluminum impeller structure and compact design. With its aerodynamically optimized backward-curved blade structure, it delivers maximum performance at low noise levels.

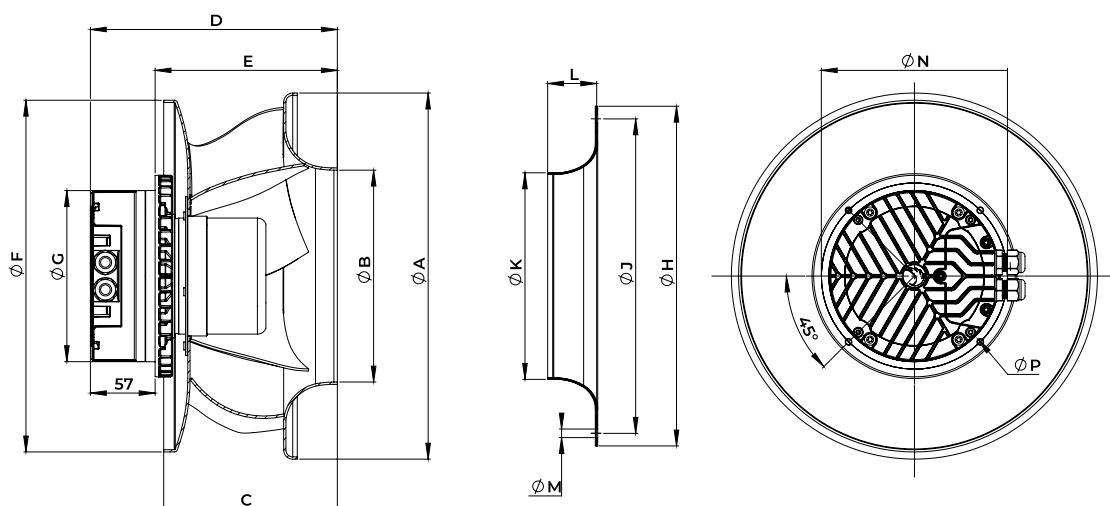
The integrated EC motor driver provides flexible and easy operation with remote speed control capability. It is a reliable solution for those seeking high performance, low maintenance needs and energy savings in various applications.

	Voltage	Frequency	Max. Airflow	Speed	Input Power	Sound Pressure Level	Current
Model	[V]	[Hz]	[m³/h]	[RPM]	[W]	Lp[A] @ 3m	[A]
RADSION 3M 280-102 - A 01	1~200-277V	50/60 Hz	3230	3000	575	72	2,55
RADSION 3M 315-102 - A 01	1~200-277V	50/60 Hz	4000	2200	550	71	2,42
RADSION 3M 355-102 - A 01	1~200-277V	50/60 Hz	4060	1650	400	68	1,72
RADSION 3M 400-102 - A 01	1~200-277V	50/60 Hz	4450	1250	330	68	1,45
RADSION 3M 280-102 - A 02	1~200-277V	50/60 Hz	3330	3200	715	74	3,12
RADSION 3M 315-102 - A 02	1~200-277V	50/60 Hz	4315	2600	835	74	3,65
RADSION 3M 355-102 - A 02	1~200-277V	50/60 Hz	4550	2010	670	71	2,95
RADSION 3M 400-102 - A 02	1~200-277V	50/60 Hz	5200	1500	540	70	2,34

Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
RADSION 3M 280-102 - A 01/02	323	186	153	218	161	310	152	300	277	182	44	Ø8,5x6	164	M6
RADSION 3M 315-102 - A 01/02	371	214	174	237	180	354	152	343	317	208	50	Ø8,5x8	164	M6
RADSION 3M 355-102 - A 01/02	416	240	194	255	198	395	152	385	357	234	56	Ø8,5x8	164	M6
RADSION 3M 400-102 - A 01/02	466	269	216	276	219	444	152	433	402	263	63	Ø8,5x8	164	M6

Dimensions are specified in mm.



BDRKF EC

Radial Fan *Backward-Curved*



BDRKF EC fans provide a durable, compact and high-efficiency solution with their welded metal impeller structure and direct-coupled motor design. Thanks to their aerodynamically optimized backward-curved blades, they deliver high-performance airflow at low noise levels.

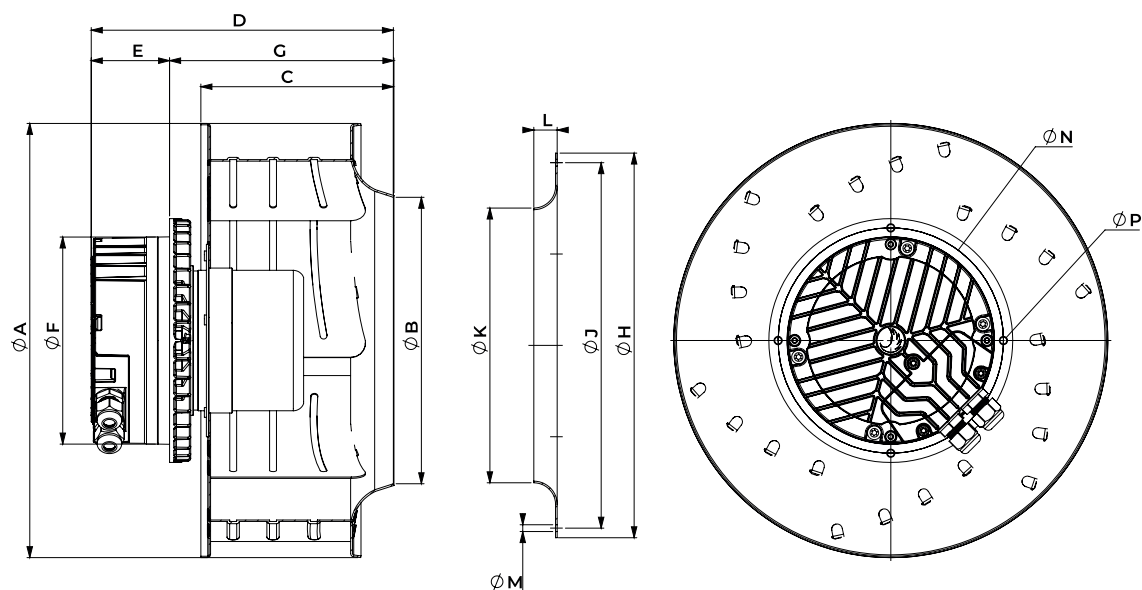
With the integrated EC motor driver, they offer remote speed control capability, providing flexible and easy operation. They are used as a reliable and energy-saving solution in ventilation systems, air handling units, rooftop units and industrial applications.

	Voltage	Frequen- cy	Max. Airf- low	Speed	Input Power	Sound Pressure Level	Current
Model	[V]	[Hz]	[m³/h]	[RPM]	[W]	Lp[A] @ 3m	[A]
BDRKF EC 3M 180-72-A 01	1~200-277V	50/60 Hz	700	3800	221	80	1,8
BDRKF EC 3M 225-72-A 01	1~200-277V	50/60 Hz	1650	3800	330	81	2,6
BDRKF EC 3M 250-92-A 01	1~200-277V	50/60 Hz	1850	3500	410	83	3,1
BDRKF EC 3M 280-92-A 01	1~200-277V	50/60 Hz	1900	3000	405	82	3,15
BDRKF EC 3M 280-102-A 21	1~200-277V	50/60 Hz	3000	2900	620	80	2,69
BDRKF EC 3M 310-102-A 01	1~200-277V	50/60 Hz	3000	2600	600	80	2,65
BDRKF EC 3M 355-102-A 01	1~200-277V	50/60 Hz	3800	2000	550	76	3,58
BDRKF EC 3M 400-102-A 01	1~200-277V	50/60 Hz	3500	1700	520	74	3,45
BDRKF EC 3M 450-138-A 01	1~200-277V	50/60 Hz	7400	1500	1000	82	4,51
BDRKF EC 3T 400-138-A 01	3~380-480V	50/60 Hz	5500	1800	975	73	1,62
BDRKF EC 3T 450-138-A 01	3~380-480V	50/60 Hz	7400	1500	1000	82	1,73
BDRKF EC 3T 450-180-A 01	3~380-480V	50/60 Hz	15000	2600	5250	82	8,1
BDRKF EC 3T 500-138-A 01	3~380-480V	50/60 Hz	8000	1200	850	80	1,48
BDRKF EC 3T 500-180-A 01	3~380-480V	50/60 Hz	13000	1800	3300	90	4,95
BDRKF EC 3T 560-180-A 01	3~380-480V	50/60 Hz	14500	1500	2900	83	5,4
BDRKF EC 3T 630-180-A 01	3~380-480V	50/60 Hz	20000	1800	5800	82	9

Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P
BDRKF EC 3M 180-72-A01	180	121,7	61	115	35	99,3	80	178	168	113	16	Ø5x6	108	M4
BDRKF EC 3M 225-72-A01	228	154	77	134	35	99,3	99	204	184	147	19	Ø5x6	108	M4
BDRKF EC 3M 250-92-A01	253	172	77	136	43	115	93,5	225	205	165	18	Ø5x6	125	M4
BDRKF EC 3M 280-92-A01	294	194,5	N/A	172,5	43	115	N/A	300	292	178	30	Ø4,5x6	125	M4
BDRKF EC 3M 280-102-A21	284	190	127,5	191,5	49	152	143,5	280	260	182	46	Ø7x6	164	M6
BDRKF EC 3M 310-102-A01	318	220	109	171,5	49	152	123	300	280	210	30	N/A	164	M6
BDRKF EC 3M 355-102-A01	355	250	147	206	49	152	158	350	326	240	30	Ø4,5x6	164	M6
BDRKF EC 3M 400-102-A01	404	267	150	212,5	49	152	165	370	345	260	35	Ø4,5x6	164	M6
BDRKF EC 3M 450-138-A01	455	300	209	296	56	169	209	464	82	293	82	Ø11x8	186 / 190	M6 / M8
BDRKF EC 3T 450-138-A01	455	300	209	296	56	169	209	464	82	293	82	Ø11x8	186 / 190	M6 / M8
BDRKF EC 3T 450-180-A01	454	300	209	322	75	232	247	464	438	293	81,5	Ø11x8	252	M8
BDRKF EC 3T 500-138-A01	510	337	217	304	39	169	217	519	490	324	98	Ø11x8	186 / 190	M6 / M8
BDRKF EC 3T 500-180-A01	510	337	234	347	75	232	272	519	490	324	97,5	Ø11x8	252	M8
BDRKF EC 3T 560-180-A01	570	377	243	365	75	232	290	564	540	N/A	105	N/A	252	M8
BDRKF EC 3T 630-180-A01	640	424	293	406	75	232	331	640	610	412	114	Ø14x8	252	M8

Dimensions are specified in mm.



SF EC

EC COOLING FANS



SF EC series fans are high-performance axial cooling fans designed to provide effective heat dissipation in HVAC, cooling and industrial systems.

They offer high airflow, energy efficiency, quiet operation and long service life. With blow-through and suction-type options, they provide continuous airflow in systems such as chillers, condensers and air handling units.

Fan impellers are manufactured from electrostatic powder coated steel, aluminum or composite material and have industrial-grade rigidity. They have a high corrosion-resistant coated guard or cased frame structure.

Thanks to the integrated EC motor driver, remote speed control can be performed via Modbus communication and 0-10V signal. They are used to provide high-efficiency and low-noise air circulation in cooling machines, condensers, air conditioning systems and industrial heat exchangers.

With high-efficiency system components, they offer the highest class efficiencies in the industry. Speed control can be performed with the BSC-EC speed control potentiometer accessory.

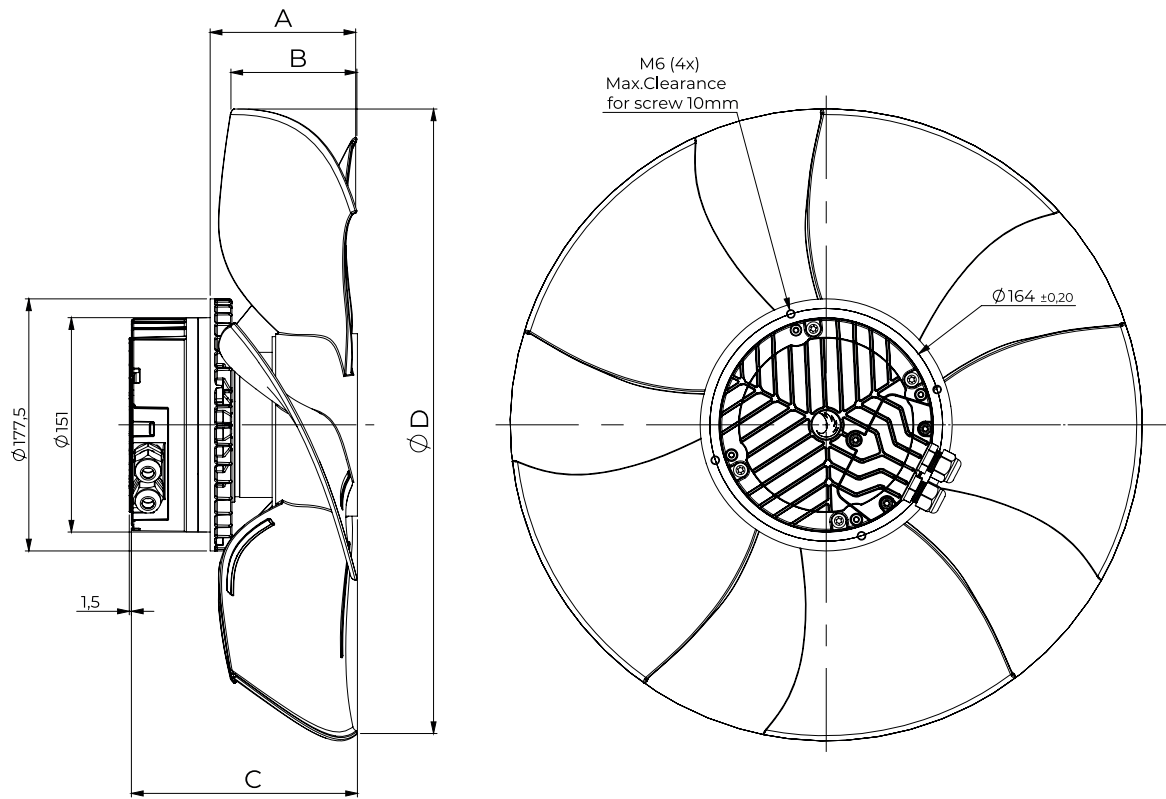
With the BSC-P accessory, they can be operated at constant performance in variable back pressure resistance applications with a system operating based on differential pressure.

	Voltage	Frequen- cy	Input Power	Current	Speed	Max. Airf- low	Max Pres- sure	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	[PA]	Lp[A] @ 3m
SFX EC 3M 350 S - D 41	1~200-277	50/60	165	1,4	1475	3300	130	49
SFX EC 3M 400 S - D 41	1~200-277	50/60	540	2,5	2100	5500	230	61
SFX EC 3M 450 S - D 41	1~200-277	50/60	300	1,8	1500	5000	180	55
SFX EC 3M 500 S - D 41	1~200-277	50/60	450	2	1000	6000	105	48
SF EC 3M 250 S - D 21 AXION	1~200-277	50/60	25	0,19	1400	800	110	46
SF EC 3M 250 S - D 22 AXION	1~200-277	50/60	100	0,75	2500	1500	200	61
SF EC 3M 300 S - D 21 AXION	1~200-277	50/60	80	0,7	1600	1950	70	51
SF EC 3M 350 S - D 21 AXION	1~200-277	50/60	120	0,8	1400	2850	80	58
SF EC 3M 400 S - D 21 AXION	1~200-277	50/60	180	1,2	1400	4200	75	64
SFX EC 3M 350 S - D 21 AXION	1~200-277	50/60	330	2	1475	3620	110	47
SFX EC 3M 400 S - D 21 AXION	1~200-277	50/60	540	2,55	1820	5850	160	52
SFX EC 3M 450 S - D 21 AXION	1~200-277	50/60	550	2,4	1850	6300	180	53
SFX EC 3M 500 S - D 21 AXION	1~200-277	50/60	540	2,5	1440	8200	160	54

Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



Model	A	B	C	D
SFEC3M350S-D 41	120	88	175	352
SFEC3M400S-D 41	98	98	154	392
SFEC3M450S-D 41	103	90	160	452
SFEC3M500S-D 41	135	102	192	497
SFEC3M250S-D 21 AXION	82	80	140	248
SFEC3M300S-D 21 AXION	92	85	150	298
SFEC3M350S-D 21 AXION	96	88	175	352
SFEC3M400S-D 21 AXION	98	98	154	392
SFXEC3M350S-D 21 AXION	120	88	175	352
SFXEC3M400S-D 21 AXION	100	98	154	392
SFXEC3M450S-D 21 AXION	103	90	160	452
SFXEC3M500S-D 21 AXION	135	102	192	497

Dimensions are specified in mm.



BDTX-EC

ROUND DUCT TYPE FAN

Backward-Curved



BDTX-EC series backward-curved centrifugal duct fans are made of high-quality corrosion-resistant galvanized sheet. All models have EC motors with integrated speed control, and terminal box and mounting feet are standard. Inlet and outlet nozzles fit duct diameters and are easily connected with clamps. Aerodynamically backward-curved blades provide smooth, efficient airflow, and the fan structure consists of widely spaced backward-curved blades. Fan rotation on the motor body

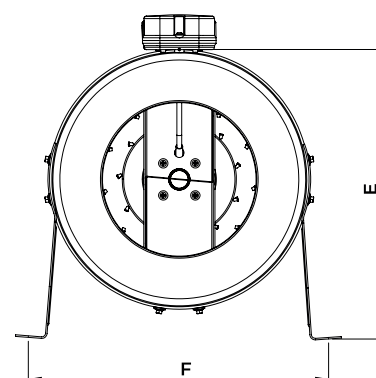
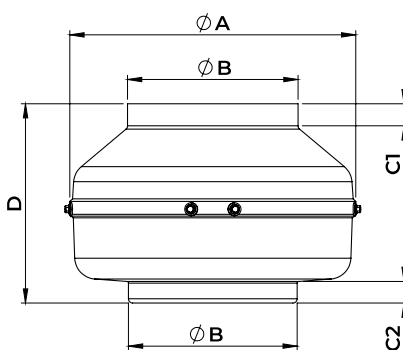
improves efficiency while saving space; the fan can operate in any position and can be wall-mounted with mounting feet. With its EC motor, speed and rotation can be easily adjusted and it can be remotely operated at any speed with the BSC-EC speed control potentiometer accessory. BDTX-EC is suitable for low and medium-volume round duct ventilation applications in limited spaces and should be used with an oil-trap filter in oily environments.

	Voltage	Frequ- ency	Input Power	Current	Speed	Max. Airflow	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BDTX EC 100	1~200-277	50/60	140	1,25	3900	360	44
BDTX EC 125	1~200-277	50/60	150	1,3	3950	500	43
BDTX EC 150	1~200-277	50/60	150	1	3950	620	46
BDTX EC 160	1~200-277	50/60	96	0,73	3345	650	45
BDTX EC 200	1~200-277	50/60	130	0,87	3000	1100	46
BDTX EC 250	1~200-277	50/60	150	1	2800	1700	46
BDTX EC 315-B	1~200-277	50/60	530	2,35	2960	2000	54
BDTX EC 355	1~200-277	50/60	816	3,6	3050	2700	63

Sound level is measured at a distance of 3 m under room conditions.

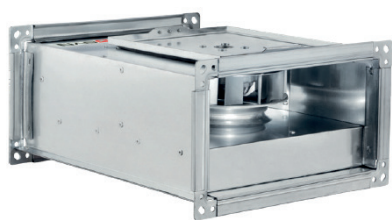
Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



MODEL	A	B	C1	C2	D	E	F
BDTX EC 100	245	97	20	20	197	273	268
BDTX EC 125	245	122	20	20	188	273	268
BDTX EC 150	272	147	23	25	192	286	295
BDTX EC 160	272	157	23	25	192	286	295
BDTX EC 200	330	196	30	28	230	380	352
BDTX EC 250	330	247	30	28	227	380	352
BDTX EC 315-B	400	313	30	30	285	415	422
BDTX EC 355	400	352	30	30	378	415	422

Dimensions are specified in mm.



BDKF EC

RECTANGULAR DUCT TYPE FAN

Backward-Curved



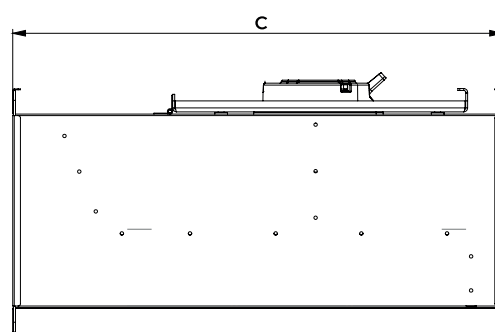
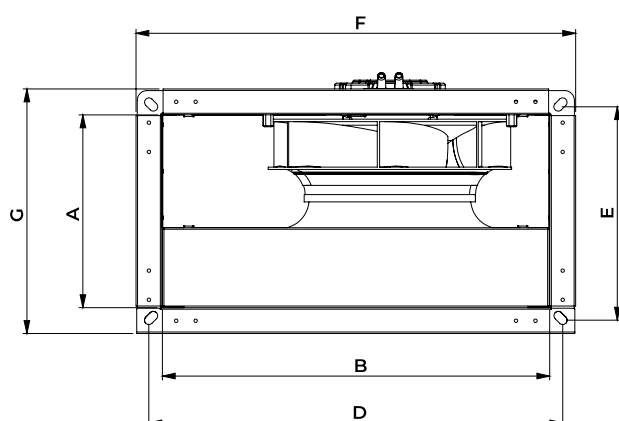
BDKF-EC series rectangular duct type fans are manufactured from high-quality corrosion-resistant galvanized sheet. All models are equipped with EC motors with integrated speed control. Fan blades are aerodynamically designed as backward-curved and provide smooth, efficient airflow. The fan structure consists of backward-curved and widely spaced blades. Thanks to the openable cover, easy maintenance can be performed without removing the fan. The aerodynamic blade design ensures quiet operation, while the high-efficiency motor system optimizes performance and reduces operating costs. BDKF-EC is ideal for medium and high-volume rectangular duct ventilation needs in limited spaces. Speed control can be performed with the BSC-EC speed control potentiometer accessory.

	Voltage	Frequency	Input Power	Current	Speed	Max. Airflow	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BDKF EC M 30-15	1~200-277	50/60	170	1,3	4300	800	69
BDKF EC M 40-20	1~200-277	50/60	225	1,45	2800	1700	63
BDKF EC M 60-35	1~200-277	50/60	550	2,42	2200	3000	63
BDKF EC M 70-40	1~200-277	50/60	400	1,72	1650	4000	57
BDKF EC T 70-40	3~380-480	50/60	1000	1,73	1500	7400	62
BDKF EC T 80-50	3~380-480	50/60	3300	4,95	1800	13000	61
BDKF EC T 100-50	3~380-480	50/60	2900	5,4	1500	14500	60

Sound level is measured at a distance of 3 m under room conditions.

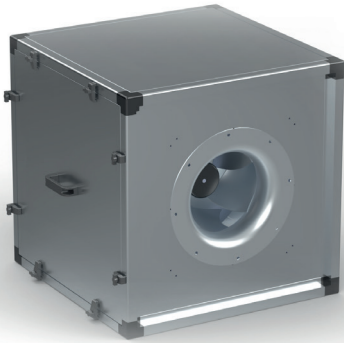
Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



Model	A	B	C	D	E	F	G
BDKF EC M 30-15	150	300	400	320	170	350	200
BDKF EC M 40-20	200	400	500	420	220	450	250
BDKF EC M 60-35	350	600	750	620	370	660	410
BDKF EC M 70-40	400	700	800	720	420	770	470
BDKF EC T 70-40	400	700	800	720	420	770	470
BDKF EC T 80-50	500	800	920	820	520	870	570
BDKF EC T 100-50	500	1000	1050	1030	530	1070	570

Dimensions are specified in mm.



BKKF EC

Square-Cased Duct Fan Backward-Curved



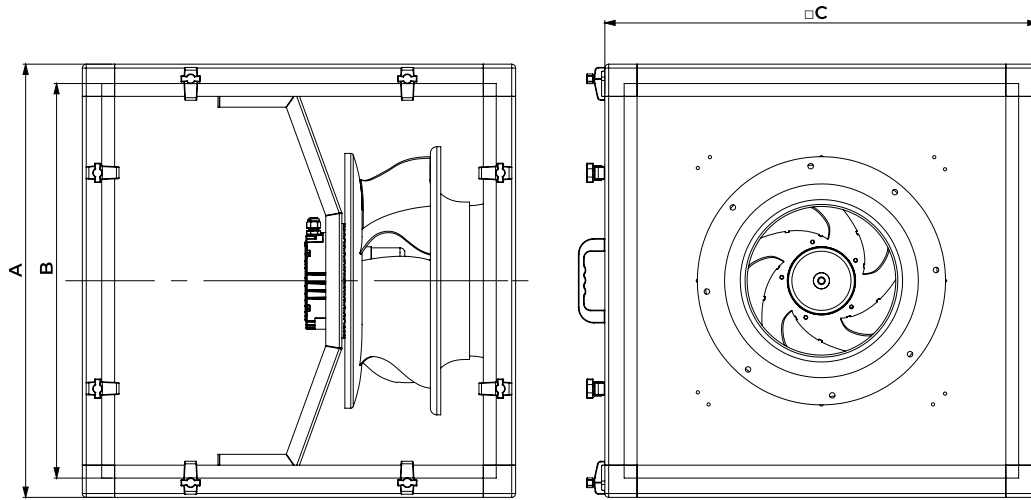
BKKF EC series is manufactured with a double-skin outer steel sheet body with heat and sound insulation. Thanks to its backward-curved impeller, it provides high aerodynamic performance in medium-high pressure applications under all variable conditions. The fans are made of high-quality corrosion-resistant materials, and all models have enclosed external rotor motors. Thanks to the openable cover, easy maintenance can be performed without removing the fan. Its insulated structure ensures quiet operation, and removable panels allow airflow to be directed as required. With EC motor and high-efficiency impeller components, it offers high system efficiency. Speed control can be performed with the BSC-EC speed control potentiometer accessory. With the BSC-P accessory, it can be operated at constant performance in variable back pressure applications through a differential pressure-based system.

	Voltage	Frequ- ency	Input Power	Current	Speed	Max. Airflow	Sound Pressu- re Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BKKF EC M 250	1~200-277	50/60	225	1,45	2800	1700	60
BKKF EC M 315	1~200-277	50/60	550	2,42	2200	3000	55
BKKF EC M 355	1~200-277	50/60	400	1,72	1650	4000	53
BKKF EC M 400	1~200-277	50/60	830	2,35	1500	4800	63
BKKF EC M 450	1~200-277	50/60	1000	4,51	1500	7400	57
BKKF EC T 400	3~380-480	50/60	975	1,62	1800	5500	63
BKKF EC T 450	3~380-480	50/60	1000	1,73	1500	7400	57
BKKF EC T 500	3~380-480	50/60	3300	4,95	1800	13000	61
BKKF EC T 560	3~380-480	50/60	2900	5,4	1500	14500	60
BKKF EC T 630	3~380-480	50/60	5800	9	1800	20000	59

Sound level is measured at a distance of 3 m under room conditions.

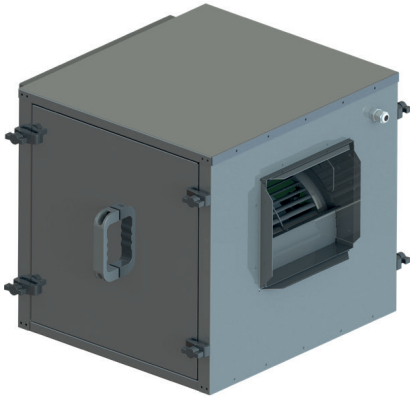
Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



MODEL	A	B	C
BKKF EC M 250	400	340	400
BKKF EC M 315	500	440	500
BKKF EC M 355	670	610	670
BKKF EC M 400	670	610	670
BKKF EC M 450	670	610	670
BKKF EC T 400	670	610	670
BKKF EC T 450	670	610	670
BKKF EC T 500	670	610	670
BKKF EC T 560	800	740	800
BKKF EC T 630	1000	940	1000

Dimensions are specified in mm.



HBDD EC

Double-Inlet Direct-Coupled Forward-Curved Blade



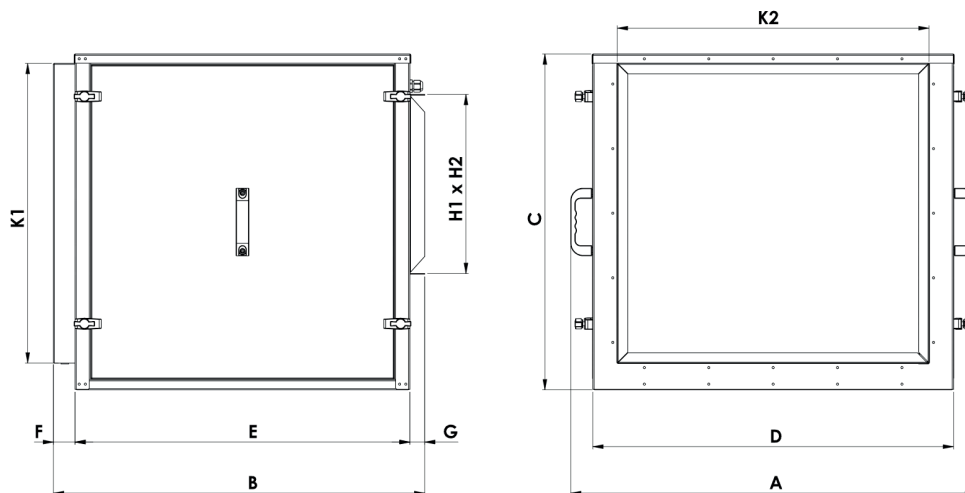
HBDD series, with its high-quality galvanized steel body, corrosion-resistant structure and asynchronous motor, offers long-lasting and reliable operation. Its double-inlet, forward-curved blade radial fan structure provides high efficiency with low energy consumption. 3-speed motor structure and BSC allow linear speed control. The service cover enables easy maintenance and intervention. It is suitable for exhaust and fresh air applications in areas requiring high airflow, such as offices, factories, hospitals and restaurants.

	Voltage	Frequen- cy	Input Power	Current	Speed	Max. Airf- low	Max Pres- sure	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m ³ /h]	[PA]	Lp[A] @ 3m
HBDD EC 3M 7-7	1~200-277	50/60	550	3	1470	2200	350	50
HBDD EC 3M 9-9	1~200-277	50/60	850	5	1440	3500	600	54
HBDD EC 3M 10-10	1~200-277	50/60	1000	6	1400	4000	600	58
HBDD EC 3M 12-12	1~200-277	50/60	1200	8	950	5000	450	60

Sound level is measured at a distance of 3 m under room conditions.

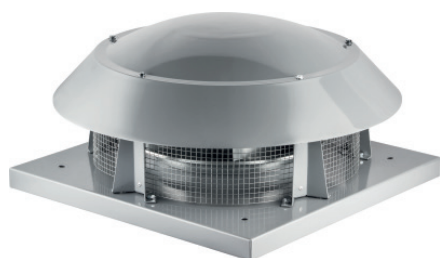
Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



Model	A	B	C	D	E	F	G	K1	K2
HBDD EC 3M 7-7	586	521	450	500	450	29	42	405	405
HBDD EC 3M 9-9	636	571	522	550	500	29	42	455	455
HBDD EC 3M 10-10	686	621	575	600	550	29	42	505	505
HBDD EC 3M 12-12	786	721	650	700	650	29	42	580	605

Dimensions are specified in mm.



BRF EC

Radial Roof Fan - Horizontal Discharge



BRF series horizontal-discharge roof type radial fans are manufactured from corrosion-resistant high-quality galvanized steel sheet, plastic composite material and high corrosion-resistant aluminum sheet, and all models have enclosed external rotor motors. They have a mounting plate and fan cap made of electrostatic powder coated sheet metal.

Its lightweight and compact body provides easy installation. The backward-curved aerodynamic blade structure provides quiet and efficient airflow. With EC motor and high-efficiency impeller components, it offers high system efficiency.

Speed control can be performed with the BSC-EC speed control potentiometer accessory. With the BSC-P accessory, it can be operated at constant performance in variable back pressure resistance applications through a differential pressure-based system.

	Voltage	Frequency	Input Power	Current	Speed	Max. Airflow	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BRF EC M 180	1~200-277	50/60	170	1,3	4300	800	76
BRF EC M 225	1~200-277	50/60	145	0,65	2800	1200	72
BRF EC M 250	1~200-277	50/60	225	1,45	2800	1700	64
BRF EC M 315	1~200-277	50/60	550	2,42	2200	3000	63
BRF EC M 355	1~200-277	50/60	400	1,72	1650	4000	58
BRF EC M 400	1~200-277	50/60	830	2,35	1500	4800	63
BRF EC M 450	1~200-277	50/60	1000	4,51	1500	7400	62
BRF EC T 400	3~380-480	50/60	1000	1,62	1800	5500	63
BRF EC T 450	3~380-480	50/60	1000	1,73	1500	7400	62
BRF EC T 500	3~380-480	50/60	3300	4,95	1800	13000	61
BRF EC T 560	3~380-480	50/60	2900	5,4	1500	14500	60
BRF EC T 630	3~380-480	50/60	3500	5,5	1900	15000	62

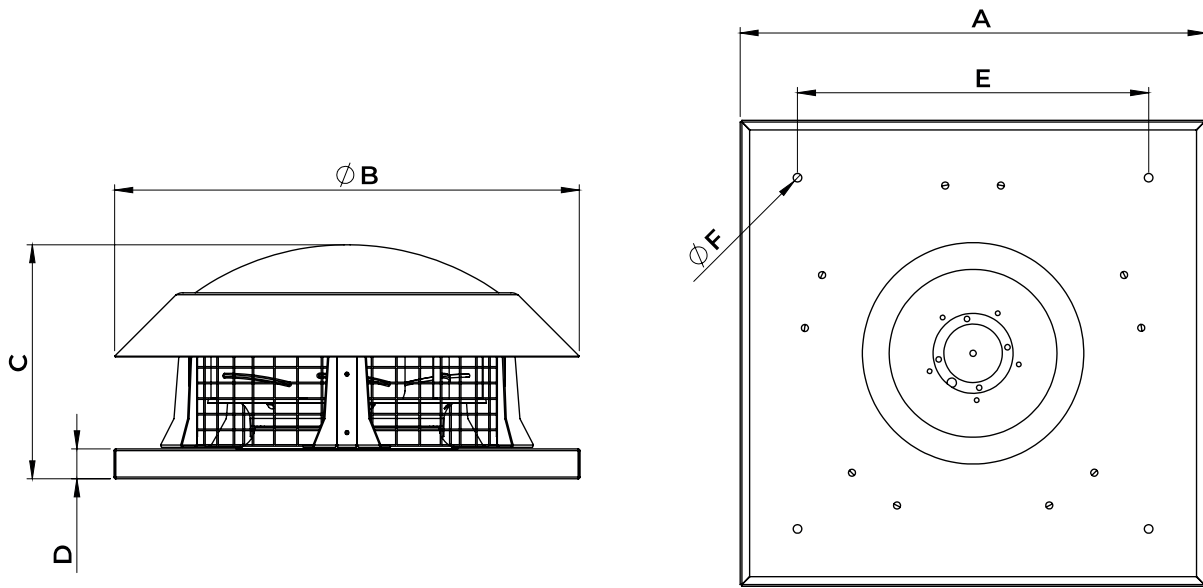
Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE

BSC-P EC 2 DIFF. PRESSURE TRANSMITTER, NO DISPLAY (-250/+250 Pa)

BSC-P EC 3 DIFF. PRESSURE TRANSMITTER, NO DISPLAY (-100/+2500 Pa)



Model	A	B	C	D	E	F
BRF EC M 180	252	260	150	27	210	6
BRF EC M 225	336	386	203	35	274	11
BRF EC M 250	370	386	208	35	290	11
BRF EC M 315	454	443	395	40	333	11
BRF EC M 355	595	595	395	40	450	11
BRF EC M 400	595	685	410	40	450	12
BRF EC M 450	664	685	440	40	450	12
BRF EC T 400	595	685	410	40	450	12
BRF EC T 450	664	685	440	40	450	12
BRF EC T 500	798	824	515	40	600	12
BRF EC T 560	798	824	530	40	600	12

Dimensions are specified in mm.



BRF-V EC

VERTICAL DISCHARGE RADIAL ROOF FANS



The fan body and fan are manufactured from high-quality galvanized steel resistant to corrosion. All models have enclosed external rotor EC motors.

Fan blades are backward-curved and have an aerodynamic structure that provides smooth airflow. Thanks to the vertical-discharge casing structure and aerodynamic blade design, they operate quietly. With EC motors, they have an efficient, monitorable and controllable structure.

With the use of the BSC-P accessory, constant airflow can be provided through pressure control. Thanks to the EC motor, the required speeds can be reached, and speed control can be easily managed manually or via automation system.

With the BSC-EC accessory, remote speed control can be performed and, if required, it can be switched on and off with a complete shutdown signal. It is designed to meet medium and high-volume ventilation needs in roof type ventilation systems.

	Voltage	Frequency	Input Power	Current	Speed	Max. Airflow	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BRF-V EC M 225	1~200-277	50/60	145	0,65	2800	1200	72
BRF-V EC M 310	1~200-277	50/60	550	2,42	2200	3000	63
BRF-V EC M 355	1~200-277	50/60	400	1,72	1650	4000	58
BRF-V EC M 400	1~200-277	50/60	830	2,35	1500	4800	63
BRF-V EC M 450	1~200-277	50/60	1000	4,51	1500	7400	62
BRF-V EC T 400	3~380-480	50/60	1000	1,62	1800	5500	63
BRF-V EC T 450	3~380-480	50/60	1000	1,73	1500	7400	62
BRF-V EC T 500	3~380-480	50/60	3300	4,95	1800	13000	61
BRF-V EC T 560	3~380-480	50/60	2900	5,4	1500	14500	60
BRF-V EC T 630	3~380-480	50/60	3500	5,5	1900	15000	62

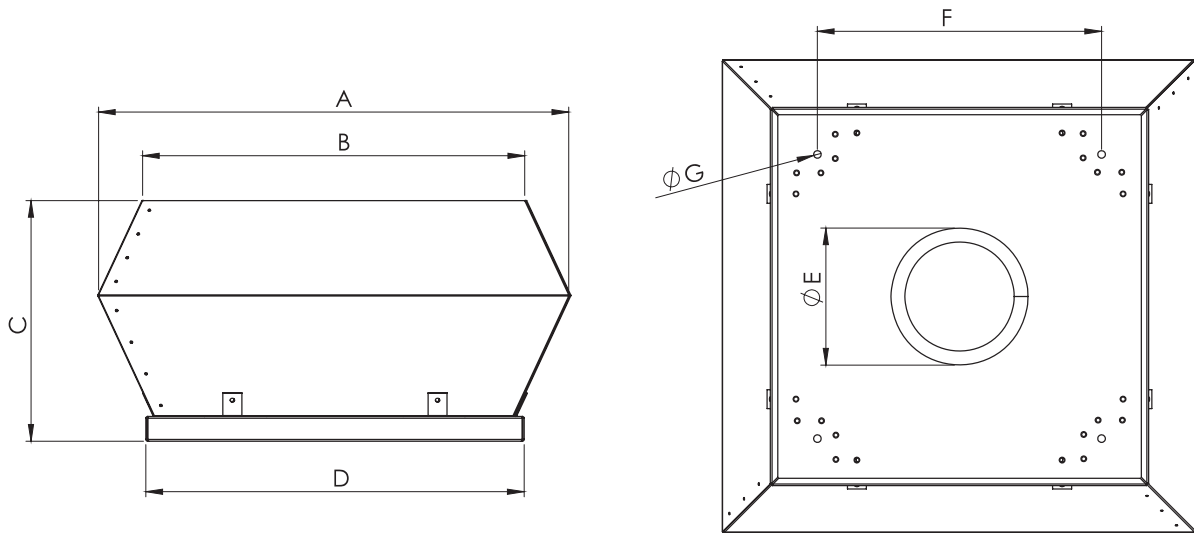
Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE

BSC-P EC 2 DIFF. PRESSURE TRANSMITTER, NO DISPLAY (-250/+250 Pa)

BSC-P EC 3 DIFF. PRESSURE TRANSMITTER, NO DISPLAY (-100/+2500 Pa)



Model	A	B	C	D	E	F	G
BRF-V EC M 225	365	335	230	335	145	245	10
BRF-V EC M 310	570	435	385	435	207	330	10
BRF-V EC M 355	720	595	470	595	260	450	10
BRF-V EC M 400	720	595	470	595	260	450	10
BRF-V EC M 450	900	660	470	660	290	535	10
BRF-V EC T 400	720	595	470	595	260	450	10
BRF-V EC T 450	900	660	470	660	290	535	10
BRF-V EC T 500	900	660	550	660	367	535	10
BRF-V EC T 560	900	660	550	660	367	535	10
BRF-V EC T 630	900	660	550	660	367	535	10

Dimensions are specified in mm.



BRCF-M EC

HORIZONTAL DISCHARGE RADIAL ROOF FANS



BRCF-M EC horizontal-flow centrifugal roof fan has a corrosion-resistant galvanized sheet body and is equipped with an EC motor with integrated speed control. Designed for round duct systems, the fan provides smooth and powerful airflow with its aerodynamic blade structure. Its compact structure saves space, operates at low noise levels and offers flexible use with different mounting options. It has a wide range of use, especially in buildings, kitchens and industrial areas, and provides high efficiency and low operating cost.

	Voltage	Frequency	Input Power	Current	Speed	Max. Airflow	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m ³ /h]	Lp[A] @ 3m
BRCF-M EC 315	1~200-277	50/60	575	2,55	3000	3000	62

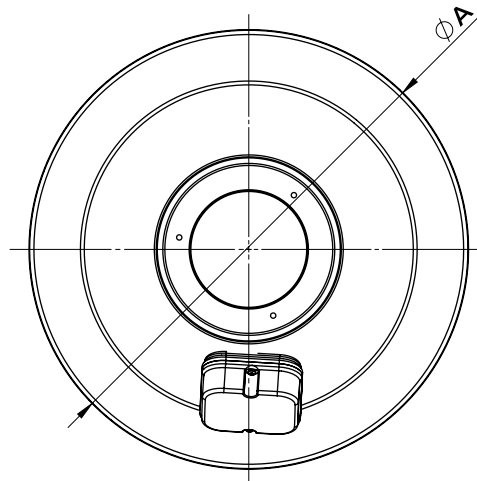
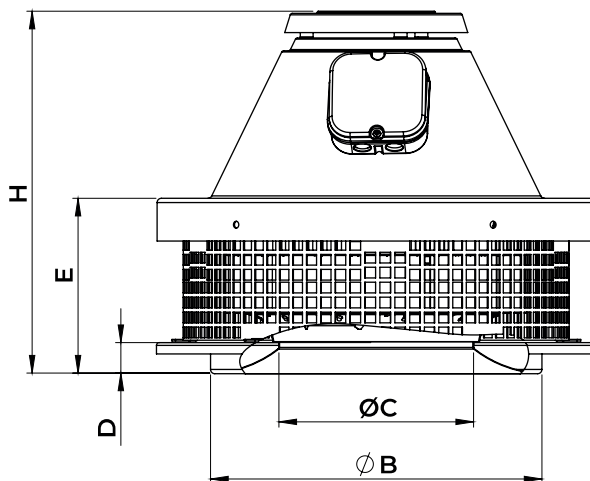
Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE

BSC-P EC 2 DIFF. PRESSURE TRANSMITTER, NO DISPLAY (-250/+250 Pa)

BSC-P EC 3 DIFF. PRESSURE TRANSMITTER, NO DISPLAY (-100/+2500 Pa)



Model	A	B	C	D	E	H
BRCF-M EC 315	411	310	180	30	164	340



BRCF EC

Horizontal Discharge EC Roof Fan



BRCF EC horizontal-flow centrifugal roof fan has a corrosion-resistant galvanized sheet body and is equipped with an EC motor with integrated speed control. Designed for round duct systems, the fan provides smooth and powerful airflow with its aerodynamic blade structure. Its compact design saves space, operates at low noise levels and offers flexible use with different mounting options. It has a wide range of use, especially in buildings, kitchens and industrial areas, providing high efficiency and low operating cost.

	Voltage	Frequency	Input Power	Current	Speed	Max. Airflow	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BRCF EC T 450S	3~380-480V	50/60 Hz	400	2	940	4500	58
BRCF EC T 500S	3~380-480V	50/60 Hz	750	2,5	930	7000	69
BRCF EC T 560S	3~380-480V	50/60 Hz	950	4,5	990	10500	68
BRCF EC T 710S	3~380-480V	50/60 Hz	2200	7	750	20000	59
BRCF EC T 800S	3~380-480V	50/60 Hz	3300	9,3	750	25000	61
BRCF EC T 900S	3~380-480V	50/60 Hz	3400	9,6	750	28000	62

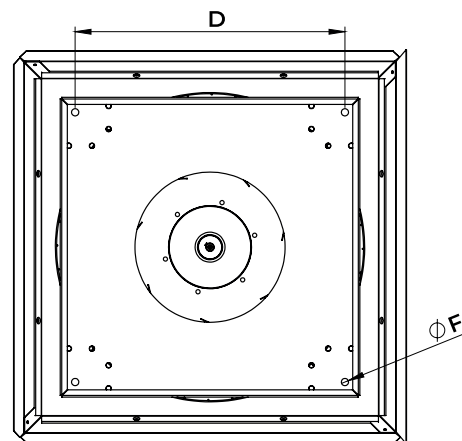
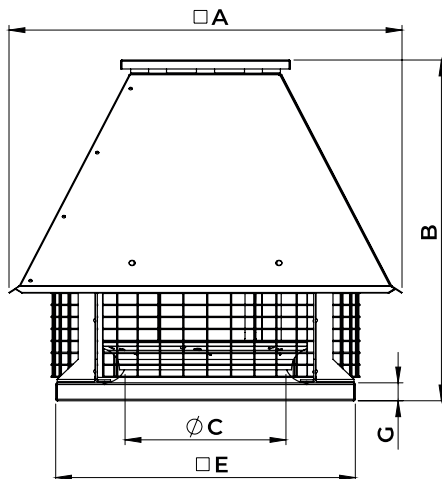
Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE

BSC-P EC 2 DIFF. PRESSURE TRANSMITTER, NO DISPLAY (-250/+250 Pa)

BSC-P EC 3 DIFF. PRESSURE TRANSMITTER, NO DISPLAY (-100/+2500 Pa)



Model	A	B	C	D	E	F	G
BRCF EC T 450S	656	616	303	530	580	12	44
BRCF EC T 500S	766	660	342	590	640	12	44
BRCF EC T 560S	828	723	380	650	700	12	54
BRCF EC T 710S	1205	1172	540	850	900	12	54
BRCF EC T 800S	1400	1380	550	1050	1100	12	54
BRCF EC T 900S	1400	1380	550	1050	1100	12	54

Dimensions are specified in mm.



BGK EC

HEAT RECOVERY UNIT



The unit body is manufactured from galvanized sheet metal and is corrosion-resistant. It is equipped with a high-efficiency EC motor and high-efficiency impeller. It can carry air up to a maximum temperature of 50°C.

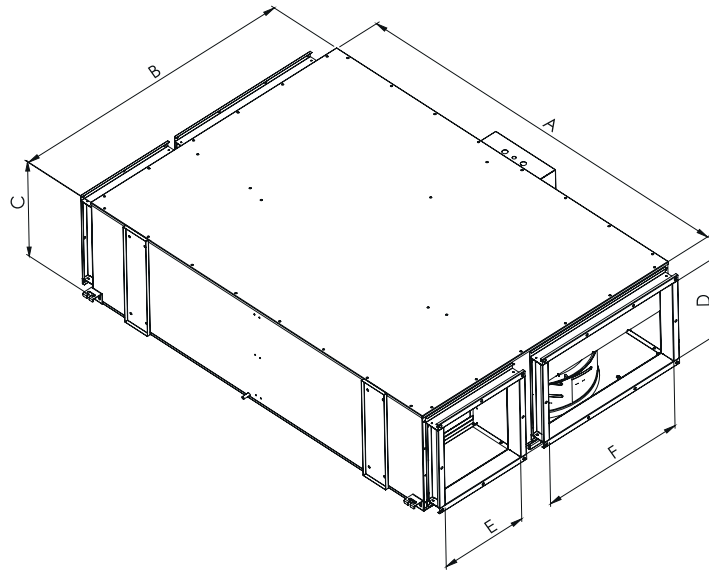
The system consists of a high-efficiency plate heat exchanger, plug fan, filters and control panel; an optional electric heater can be added. Polyethylene insulation is used in the unit body for sound and heat insulation, and there is a condensate drain pan to discharge condensation water. Fan speed can be adjusted according to the required airflow and temperature, or the unit can be set to operate at constant temperature from the touch room control panel.

Thanks to the heat exchanger, heat transfer is performed without mixing exhaust air and fresh air; energy savings are achieved by providing preheating in winter and precooling in summer.

It is used in buildings requiring high amounts of fresh air, such as schools, hotels, offices, shopping malls and hospitals..

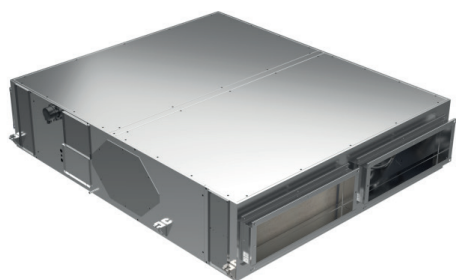
	Voltage	Frequ-ency	Max. Airflow	Input Power	Current	Ses Ba-sıncı	Ağırlık
Model	[V]	[Hz]	[m ³ /h]	[W]	[A]	Lp[A] @ 3m	[KG]
BGK EC 1000 MNF	1~200-277V	50/60 Hz	1000	400	2,1	42	80
BGK EC 2000 MNF	1~200-277V	50/60 Hz	2000	700	3	41	113
BGK EC 3000 MNF	1~200-277V	50/60 Hz	3000	900	4,9	40	160
BGK EC 4000 MNF	1~200-277V	50/60 Hz	4000	1150	5,1	41	195
BGK EC 5000 MNF	1~200-277V	50/60 Hz	5000	1150	5,2	40	215

Sound level is measured at a distance of 3 m under room conditions.



Model	A	B	C	D	E	F
BGK EC 1000 MNF	1100	900	320	220	200	455
BGK EC 2000 MNF	1200	1000	370	270	300	455
BGK EC 3000 MNF	1500	1200	420	320	400	555
BGK EC 4000 MNF	1700	1200	480	380	400	555
BGK EC 5000 MNF	1800	1300	520	420	400	655

Dimensions are specified in mm.



BKR HR EC

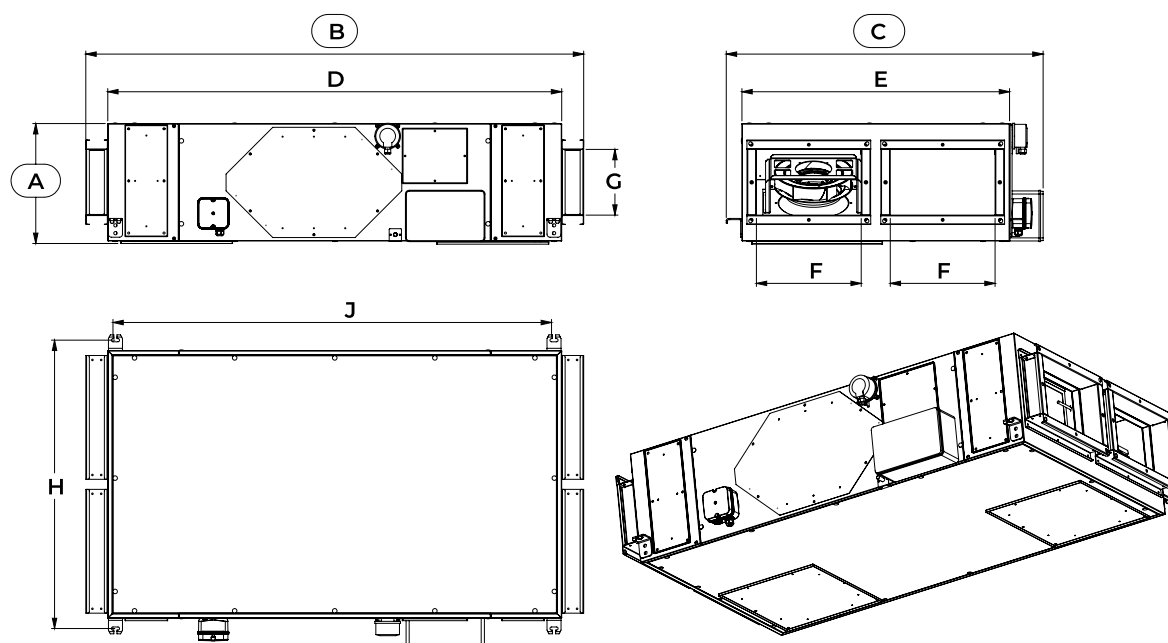
HEAT RECOVERY UNIT



The unit body is made of galvanized sheet metal and is corrosion-resistant. It is equipped with a high-efficiency EC motor and impeller. The unit with bypass damper can carry air up to 50°C and consists of a high-efficiency cross-flow plate heat exchanger up to 85% thermal efficiency, plug fan, filters and control panel. It is manufactured with an aluminum heat exchanger as standard; optionally, a cellulosic heat exchanger and electric heater can be added. Non-combustible insulation is used inside the body for sound and heat insulation, and a condensate drain pan is included. Fan speed can be adjusted according to required airflow and temperature; the unit can be remotely controlled via touch room panel, Modbus-supported BMS or IoT module. Thanks to the heat exchanger, heat transfer is performed without mixing exhaust air and fresh air, saving energy by preheating in winter and precooling in summer. It is used in buildings requiring high fresh air volumes, such as schools, hotels, offices, shopping malls, villas and hospitals.

	Voltage	Frequen- cy	Input Power	Current	Speed	Max. Airf- low	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BKR HR EC 700	1~200-277	50/60 Hz	420	3,4	4400	700	68
BKR HR EC 1000	1~200-277	50/60 Hz	360	3	2700	1000	64
BKR HR EC 2000	1~200-277	50/60 Hz	720	3,3	2450	2000	62
BKR HR EC 3000	1~200-277	50/60 Hz	1680	7,6	2600	3200	61

Sound level is measured at a distance of 3 m under room conditions.



MODEL	A	B	C	D	E	F	H	J
BKR HR EC 700	342	1480	737	1340	580	200	646	1291
BKR HR EC 1000	383	1592	1012	1450	855	335	921	1401
BKR HR EC 2000	443	2030	1750	1890	1650	700	1700	511+1326
BKR HR EC 3000	515	2130	2050	1990	1950	800	2000	511+1426

Dimensions are specified in mm.



BSH-EC

FILTERED DUCT FAN



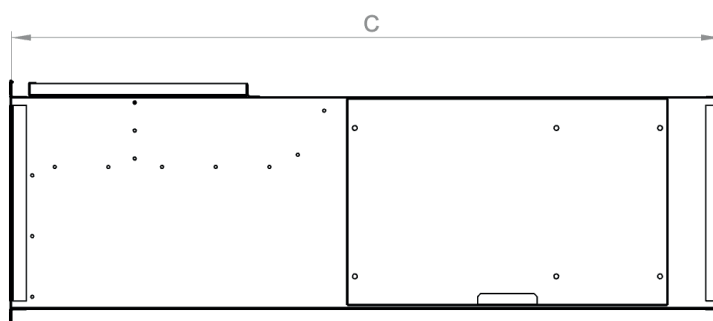
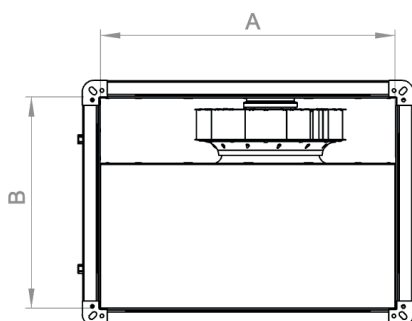
BSH-EC filtered shelter duct fan offers a durable, quiet and compact solution with its galvanized steel body. The fan, with EC motor and backward-curved blade structure, provides efficient performance by ensuring high pressure and smooth airflow. With its double compartment, it offers ventilation in normal conditions and use in wartime conditions. In wartime use, with the use of its compartment with carbon and dust filters, and optionally nuclear HEPA filters, it filters possible harmful particles in the atmosphere. It offers a wide usage scenario with normal ventilation and emergency ventilation. Thanks to its EC motor with integrated speed control motor driver, speed adjustment according to different airflow needs can be set with the BSC-EC accessory.

	Voltage	Frequency	Input Power	Current	Speed	Max. Airflow	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BSH-EC 40-25	1~200-277	50/60	220	1,45	2800	1500	60
BSH-EC 50-25	1~200-277	50/60	570	2,55	3000	3000	60

Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



Model	A	B	C
BSH-EC 40-20	400	200	800
BSH-EC 50-25	500	250	1000

Dimensions are specified in mm.



BKEF-R EC



Cell-Type Duct Fan Backward-Curved

The unit has a durable compact structure consisting of a rigid cubic aluminum frame and galvanized steel covers. Glass fiber insulation provides adequate sound and heat insulation, while openable covers make maintenance and cleaning easier. Depending on the model, the fan impeller is made of electrostatic powder

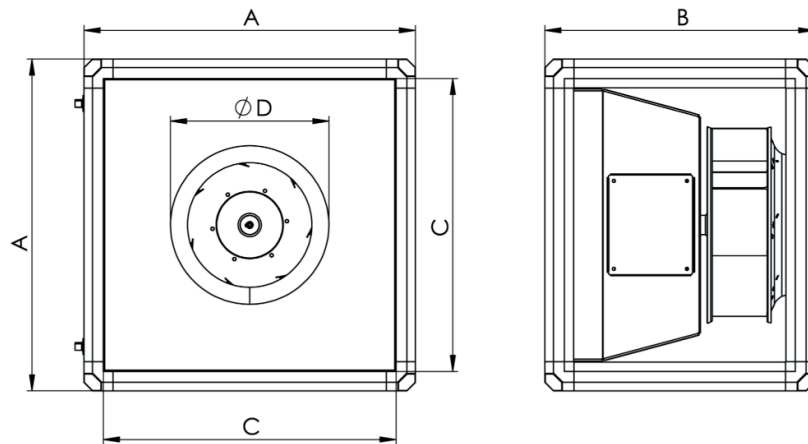
coated steel, aluminum or SS316 stainless steel. As the motor is positioned outside the airflow, the unit can carry hot air up to 120°C, and the oil drain pan provides easy cleaning. With the integrated EC motor driver and BSC-EC control panel, fan speed and airflow can be remotely adjusted. It is suitable for smoke and polluted air extraction in heavy greasy environments such as restaurant kitchens. Speed control can be performed with the BSC-EC speed control potentiometer accessory. With the BSC-P accessory, it can be operated at constant performance in variable back pressure applications through a differential pressure-based system.

	Voltage	Frequ- ency	Input Power	Current	Speed	Max. Airflow	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BKEF-R EC 280M	1~200-277	50/60 Hz	176	0,69	1750	2000	64
BKEF-R EC 315M	1~200-277	50/60 Hz	230	0,9	1750	2500	59
BKEF-R EC 355M	1~200-277	50/60 Hz	350	2,8	1500	3300	56
BKEF-R EC 400M	1~200-277	50/60 Hz	690	5,36	1500	5500	57
BKEF-R EC 450M	1~200-277	50/60 Hz	1190	8,6	1500	7000	61
BKEF-R EC 450T	3~380-480V	50/60 Hz	1200	1,9	1500	7000	61
BKEF-R EC 500T	3~380-480V	50/60 Hz	1470	2,4	1500	8400	72
BKEF-R EC 560T	3~380-480V	50/60 Hz	2290	3,5	1500	12000	71
BKEF-R EC 630T	3~380-480V	50/60 Hz	2840	4,28	1500	14500	72
BKEF-R EC 710T	3~380-480V	50/60 Hz	7500	12	1500	28000	73

Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



Model	A	B	C	D
BKEF-R EC 280M	500	500	420	250
BKEF-R EC 315M	550	550	470	300
BKEF-R EC 355M	550	550	470	300
BKEF-R EC 400M	683	556	603	325
BKEF-R EC 450M	683	572	603	350
BKEF-R EC 450T	683	572	603	350
BKEF-R EC 500T	683	623	603	425
BKEF-R EC 560T	813	690	733	470
BKEF-R EC 630T	900	800	820	500
BKEF-R EC 710T	1000	900	920	500

Dimensions are specified in mm.



BHV-P EC

EC Kitchen Exhaust Radial Fan



BHV-P EC is a cabinet-type radial fan with EC motor, designed for kitchen exhaust systems. Its body consists of galvanized sheet panels, with 25 mm rock or glass wool between the panels, and the structure is reinforced with aluminum profile construction. Depending on the model, the fan impeller is made of electrostatic powder coated steel, aluminum or SS316 stainless steel. As the motor is positioned

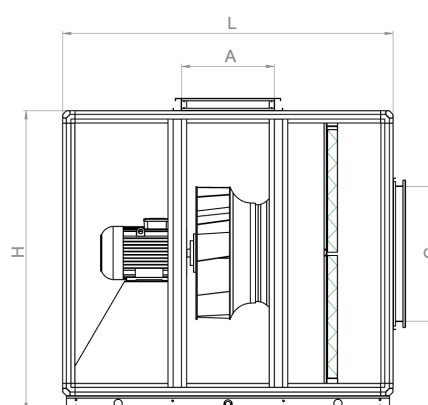
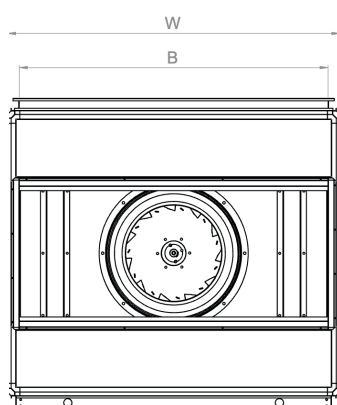
outside the airflow, the unit can operate up to 120°C and in air containing oily and pollutant particles; it also has an oil drain and washing water drain pan. Its aerodynamic backward-curved blade structure provides high efficiency, low vibration and quiet operation, while the service cover offers easy access for maintenance. It is suitable for restaurant kitchens, exhaust systems with dense oil vapor, and high-airflow duct applications with high pressure losses. Speed control can be performed with the BSC-EC speed control potentiometer accessory. With the BSC-P accessory, it can be operated at constant performance in variable back pressure applications through a differential pressure-based system.

	Voltage	Frequ- ency	Input Power	Current	Speed	Max. Airflow	Sound Pressure Level
Model	[V]	[Hz]	[W]	[A]	[RPM]	[m³/h]	Lp[A] @ 3m
BHV-P EC 3T 450	3~380-480V	50/60 Hz	750	2,4	940	4500	58
BHV-P EC 3T 500	3~380-480V	50/60 Hz	1000	2,5	960	7000	69
BHV-P EC 3T 560	3~380-480V	50/60 Hz	1375	4,5	1000	10500	68
BHV-P EC 3T 710	3~380-480V	50/60 Hz	2800	7	730	20000	59
BHV-P EC 3T 800	3~380-480V	50/60 Hz	3600	9	750	25000	61
BHV-P EC 3T 900	3~380-480V	50/60 Hz	3700	9,5	750	28000	62

Sound level is measured at a distance of 3 m under room conditions.

Accessory Model

EC-D 0-10V POTENTIOMETER SPEED CONTROL DEVICE



Model	A	B	C	H	W	L
BHV-P EC 3T 450	350	835	610	800	900	1100
BHV-P EC 3T 500	400	835	450	1080	950	1200
BHV-P EC 3T 560	400	1135	450	1080	1250	1300
BHV-P EC 3T 710	450	1135	650	1385	1250	1400
BHV-P EC 3T 800	500	1735	765	2025	1850	2000
BHV-P EC 3T 900	500	1735	765	2025	1850	2000

Dimensions are specified in mm.

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36
Year

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www.bvnair.com

T. +90 212 771 48 48

F. +90 212 771 48 42

✉ info@bvnair.com