VENTILATION SYSTEMS 2025 PRODUCT C A T A L O G

SEZER



♀ Zafer Mahallesi Çiftlik Sokak No:7 Buca / İzmir/Türkiye

+90 553 284 03 71 +90 232 459 81 02

www.sezerhavalandirma.com



ABOUT US

About Us

Established in 1995 in the 1st Industrial Zone of İzmir, Sezer has become a leading manufacturer in the ventilation industry. In 2014, the company relocated to its current production facility, which spans a total area of 3,000 m², including 2,500 m² of enclosed space.

Sezer specializes in industrial fans and ventilation systems, continually pursuing innovation and technological advancement through its robust R&D infrastructure.

Our Vision

To become a globally recognized brand and industry leader in both national and international markets through our customer-centric approach.

Our Mission

To focus on customer needs by delivering high-quality, reliable, customized, and promptly implementable solutions, while providing value-added services.

KaliOur Quality Policy

At Sezer, we are committed to continuously improving the quality of our products and services to meet and exceed customer expectations. Our goal is to deliver every product on time, flawlessly, completely, and with a strong focus on customer satisfaction. The quality of our products is ensured through full compliance with customer requirements and all relevant legal regulations. Every stage of production is carried out by our experienced team, and both our automated and manual equipment undergo rigorous quality control processes.

Our Quality Management System is certified in accordance with ISO 9001:2015 standards.

Occupational Health and Safety

The health and safety of our employees is one of Sezer's top priorities. By adopting a proactive approach to occupational safety, we take all necessary measures to create a secure working environment.

Our aim is to prevent workplace accidents, enhance employee motivation, and increase overall operational efficiency. Sezer's occupational health and safety policy is designed to protect the well-being of all team members by minimizing risks.

Workstations, equipment, and working conditions are continuously optimized to support and safeguard employee health.

www.sezerhavalandirma.com







Seze

9

6

SEZER HAVALANDIRMA

10





(E 🔂 🐵 A++

940 mm - 183

adial Fans

IN STREET



Backward Curved External Rotor Duct Fan

Crafted from high-grade galvanized steel for outstanding durability and corrosion protection. Delivers impressive pressure and powerful airflow to exceed even the highest performance expectations. Its space-saving design enables quick and easy installation, while the precisionengineered housing ensures maximum efficiency. Quiet operation further enhances comfort and satisfaction.



ТҮРЕ	v	Hz	w	RPM	m³/h	dB(A)	IP	kg
SZR 160-1	230	50	65	2500	346	44	44	14
SZR 180-1	230	50	80	2400	500	52	44	16
SZR 220A	230	50	65	2100	700	53	44	18
SZR 220B	230	50	100	2450	860	54	44	19
SZR 225	230	50	100	2650	1000	54	44	23
SZR 250	230	50	155	2600	1400	54	44	28
SZR 280	230	50	200	2600	1850	55	44	33
SZR 315	230	50	135	1400	2200	53	44	58
SZR 355	230	50	200	1400	3100	55	44	65
SZR 400	230	50	275	1400	4300	60	44	10
SZR 450	230	50	390	1350	5750	62	44	12
SZR 500	380/Y	50	760/550	1350/1100	8200/6680	64	44	17
SZR 560	380/Y	50	1150/720	1350/1050	11000/8550	66	44	22





SZR Series Dimension Table (mm)

ТІР	A	В	с	D	E	F	G	н	J	к	L	м
SZR 160	162	121,5	92	40	60	75	27	58	M4	168	113	16
SZR 180	180	121,5	92	40	60	83	27	58	M4	168	113	16
SZR 220	220	159	92	44	63	73	27	58	M4	204	147	20
SZR 225	5 227	153	92	50	76	102	27	58	M4	204	147	20
SZR 250	252	172,5	92	50	79	92	27	58	M4	225	165	20
SZR 280	281	190	92	50	85	112	27	58	M4	245	173	20





1





Round Duct Fans

SEZER duct fans feature a galvanized steel housing for excellent corrosion resistance, delivering high pressure and powerful airflow. The BDTX series can be easily connected to ducts on both ends using clamps and operates with low noise levels. For greasy environments, it is recommended to use with filters.





ТҮРЕ	v	Hz	w	A	RPM	m³/h	dB(A)	Ins.cl.	IP	kg
SZR-DX-100	230	50	60	0,3	2610	240	44	В	44	26
SZR-DX-125	230	50	80	0,4	2325	315	43	В	44	27
SZR-DX-150	230	50	78	0,4	2450	420	46	В	44	30
SZR-DX-160	230	50	85	0,4	2550	440	45	В	44	32
SZR-DX-200	230	50	90	0,43	2300	735	46	В	44	44
SZR-DX-200B	230	50	100	0,51	2530	870	48	В	44	48
SZR-DX-250	230	50	140	0,69	2400	1010	45	В	44	49
SZR-DX-250B	230	50	145	0,74	2650	1150	47	В	44	53
SZR-DX-315	230	50	160	0,8	2400	1450	48	В	44	68
SZR-DX-315B	230	50	180	0,87	2500	1750	49	В	44	69
SZR-DX-355	230	50	135	0,73	1400	1300	45	F	44	90
SZR-DX-355B	230	50	445	1,94	2450	2620	54	F	44	100











SZR Series Capacity Table (m³/h - Pa)

ТҮРЕ	Pa	0	50	100	150	200	250	300	400	500	600	700	800	850
SZR-DX- 100	m³/h	240	200	170	135	90	50	10						
SZR-DX-125	m³/h	315	260	215	175	115	65	10						
SZR-DX-150	m³/h	420	370	310	210	185	100	30						
SZR-DX-160	m³/h	440	350	290	240	160	95	20						
SZR-DX- 200-A	m³/h	735	660	540	500	400	300	210	5					
SZR-DX- 200-B	m³/h	870	780	715	620	530	435	335	115					
SZR-DX- 250-A	m³/h	1010	925	875	800	700	610	510	280	5				
SZR-DX- 250-B	m³/h	1150	1050	980	900	820	740	635	410	180				
SZR-DX-315-A	m³/h	1450	1400	1280	1200	1120	1030	960	720	500	250	10		
SZR-DX- 315-B	m³/h	1750	1650	1530	1450	1300	1200	1080	860	600	375	30		
SZR-DX-355-A	m³/h	1300	1080	850	600	310	10							
SZR-DX- 355-B	m³/h	2620	2400	2300	2100	1950	1800	1650	1350	1000	800	400	150	30









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





Round Duct Fans

Round duct fans provide high airflow at low noise levels. Their compact design allows for easy installation and maintenance. The use of filters is recommended in greasy environments.



1

ТҮРЕ	v	Hz	w	А	RPM	m³/h	dB	kg	IP
SEZ 100/2V	230	50	20	11	2200	198	31	18	44
SEZ 125/2V	230	50	27	14	2250	284	31	20	44
SEZ 150/2V	230	50	44	22	2550	530	33	27	44
SEZ 200/2V	230	50	100	52	2350	840	36	48	44
SEZ 250P/2V	230	50	225	12	2450	1405	38	75	44
SEZ 315P/2V	230	50	390	19	2350	2206	42	110	44
SEZ-ST100/2V	230	50	35	26	2600	177	25	30	44
SEZ-ST125/2V	230	50	35	28	2600	218	31	35	44

Dimension Table (mm)

TYPE	А	В	С		D		E	G	н	Ν
SEZ-100	303	188	115	5	97		100	80	60	5,5
SEZ-125	258	188	115	5	123		100	80	60	5,5
SEZ-150	320	212	127	,	147		112	80	60	5,5
SEZ-200	302	232,5	141		197		124	100	94	5,5
SEZ-250	386	291	192	2	248		155	145	140	7x4
SEZ-315	450	356	224	ļ.	312		188	182	178	7x4
SEZ-250P	383	286	173	}	247		151	150	173	7x4
SEZ-315P	446	357	216	5	312		187	181	216	7x4
TYPE	А	ØB	ØD	E	F		G	X	С	ØН
SEZ-ST100	460	204	23	81	24	8	333	222	93	98
SEZ-ST125	460	204	23	81	24	8	333	222	93	98





SZR-PX Plastic Backward Curved Duct Fan

Experience outstanding efficiency with high airflow and stable pressure, all while enjoying whisper-quiet operation for maximum comfort. Thanks to its user-friendly design, it can be quickly installed and securely clamped to ducts on both sides, offering flexible mounting options for a wide range of applications.



TYPE	V	Hz	w	А	r.p.m	m³/h	dB(A)	Ins	IP	kg	Speed Ctrl
BPX150	230	50	85	0,38	2450	410	46	В	44	2,7	BSC1







BPX150 Capacity Table

TYPE	Ра	0	50	100	150	200	250	300	400	500	600	700	800	850
BPX15 0	m³/h	420	345	285	210	135	15							



5

www.sezerhavalandirma.com





SZR-FTX Wall Type Duct Fans

Backward Curved

Delivers high airflow with consistent pressure performance. Operates at low noise levels to ensure maximum energy efficiency. Its easy-to-install design allows for quick and effortless setup.

Minimum order quantity: 100 units.





ТҮРЕ	v	Hz	w	A	r.p.m	m³/h	dB(A)	IP	kg
SZR 100	230	50	70	0,3	2600	240	44	44	27
SZR 150-B	230	50	85	0,37	2430	420	46	44	36
SZR 200-B	230	50	110	0,48	2650	870	48	44	48
SZR 250-B	230	50	160	0,73	2550	1150	47	44	53
SZR 315-B	230	50	200	0,88	2550	1750	49	44	66

BPX150 Capacity Table (m³/h - Pa)

ТҮРЕ	0	50	100	150	200	250	300	400	500	600	700	800	850
SZR 100	240	200	170	135	90	50	10	0	0	0	0	0	0
SZR 150-B	420	370	310	210	185	100	30	10	0	0	0	0	0
SZR 200-B	870	780	715	620	530	435	335	115	50	0	0	0	0
SZR 250-B	1150	1050	980	900	820	740	635	410	180	70	10	0	0
SZR315-B	1750	1650	1530	1450	1300	1200	1080	860	600	375	30	0	0

ТҮРЕ	ØA	ØB	С	D	E	F	G	d
SZR 100	97	244	20	100	9	315	265	8
SZR 150-B	147	270	24	105	9	400	350	8
SZR 200-B	196	330	24	113	9	400	350	8
SZR 250-B	246	330	24	116	9	400	350	8
SZR 315-B	310	398	26	140	9	500	400	8





SZR-DKF – Rectangular Duct Fans

Rectangular duct fans are designed to meet medium to high airflow ventilation needs in narrow duct applications. Thanks to their openable cover, they allow easy maintenance without removing the fan. With their aerodynamic design, they operate quietly and efficiently.



TYPE	V	Hz	w	А	RPM	m³/h	dB(A)	Ins.cl.	IP	kg	Speed Ctrl
SZR 30-15	230	50	75	37	2450	450	43	В	44	7	BSC1
SZR 40-20A	230	50	100	49	2650	950	48	В	44	105	BSC1
SZR 40-20B	230	50	130	64	2650	1150	54	В	44	11	BSC1
SZR 50-25	230	50	180	82	2600	1610	58	В	44	15	BSC1
SZR 60-30	230	50	130	71	1400	1850	50	F	44	29	BSC1
SZR 60-35A	230	50	130	70	1425	2500	53	F	44	31	BSC1
SZR 60-35B	230	50	200	100	1400	3300	58	F	44	32	BSC2
SZR 70-40A	230	50	310	155	1350	4000	56	F	44	44	BSC2
SZR 70-40B	230	50	500	250	1350	5400	58	F	44	46	BSC2
SZR 80-50	Δ400	50	1150	225	1400	7550	66	F	54	84	BSCF15T
SZR100-50	Δ400	50	1900	340	1300	9600	64	F	54	66	BSCF22T

Capacity Table (m³/h - Pa)

TYPE	0	100	200	300	400	500	600	700	800	900	1000
SZR 30-15	450	360	240	100	40						
SZR 60-35A	2500	2100	1600	1000	400						
SZR 60-35B	3300	2700	2050	1500	700	30					
SZR 70-40A	4000	3400	2700	1800	1200	600					
SZR 70-40B	5400	4800	4000	3500	2400	1250	800				



7





Capacity Table (m³/h - Pa)

TYPE	0	100	200	300	400	500	600	700	800	900	1000
SZR 30-15	450	360	240	100	40						
SZR 60-35A	2500	2100	1600	1000	400						
SZR 60-35B	3300	2700	2050	1500	700	30					
SZR 70-40A	4000	3400	2700	1800	1200	600					
SZR 70-40B	5400	4800	4000	3500	2400	1250	800				

Rectangular Duct Fans Dimension Table (mm)

Model	А	В	с	D	E	F	G
SZR 30-15	150	300	400	320	170	350	200
SZR 40-20A	200	400	500	420	220	450	250
SZR 40-20B	200	400	500	420	220	450	250
SZR 50-25	250	500	565	520	270	550	300
SZR 60-30	300	600	750	620	320	660	360
SZR 60-35A	350	600	750	620	370	660	410
SZR 60-35B	350	600	750	620	370	660	410
SZR 70-40A	400	700	800	720	420	770	470
SZR 70-40B	400	700	800	720	420	770	470
SZR 80-50	500	800	920	820	520	870	570
SZR 100-50	500	1000	1050	1030	530	1070	570





C TÜRKAK ⊘

www.sezerhavalandirma.com



SZR-DKF-R – Rectangular Duct Fan

The rectangular duct fan is designed to meet medium to high volume ventilation requirements in duct systems where space is limited. Its openable cover allows maintenance to be performed effortlessly without removing the fan. Additionally, positioning the motor outside the airflow provides extra durability against high temperatures.



TYPE	v	Hz	w	А	RPM	m³/h	dB	CL	IP	kg	CTRL
SZR 315M	230	50	0,25	2,1	1380	2000	53	F	55	35	-
SZR 355M	230	50	0,25	2,1	1380	3000	58	F	55	36	-
SZR 400M	230	50	0,37	3,4	1390	4100	56	F	55	49	-
SZR 450M	230	50	0,55	4,5	1395	5500	58	F	55	52	-
SZR 500M	230	50	1,1	75	1410	8100	64	F	55	74	-
SZR 560M	230	50	2,2	14,2	1420	10500	66	F	55	91	-
SZR 315T	380	50	0,25	0,87	1380	2000	53	F	55	35	BSCF10M
SZR 355T	380	50	0,25	o,87	1380	3000	58	F	55	36	BSCF10M
SZR 400T	380	50	0,37	1,2	1390	4100	56	F	55	49	BSCF10M
SZR 450T	380	50	0,55	1,6	1395	5500	58	F	55	52	BSCF10M
SZR 500T	380	50	1,1	2,6	1410	8100	64	F	55	74	BSCF15M
SZR 560T	380	50	2,2	4,9	1420	10500	66	F	55	91	BSCF22M

Capacity	Table (m³/	'h - Pa)							
ТҮРЕ	Ра	0	100	200	300	400	500	600	1000
SZR315	m³/h	2000	1650	1150	450				
SZR355	m³/h	3000	2500	2000	1400	750	10		
SZR400	m³/h	4100	3500	2900	2200	1500	600		
SZR450	m³/h	5500	4600	3800	3200	2400	1400	700	
SZR500	m³/h	8100	7500	6600	5700	5100	3900	3000	
SZR560	m³/h	10500	9600	8800	8000	7100	5500	4100	500





SZR-SKF - RECTANGULAR DUCT FANS

Designed for limited installation spaces, it effectively meets medium and high airflow requirements. Its openable cover design allows for quick maintenance without removing the fan. The closely spaced blades provide an excellent solution for high pressure demands.



ТҮРЕ	v	Hz	w	А	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg	H.K.C.	PRICE (USD)
SZR-R 40-20	230	50	230	1,15	1400	990	53	F	44	14	BSC1	\$130.40
SZR 50-25	230	50	465	2	1300	1750	55	F	44	19	BSC1	\$205.60
SZR 50-30	230	50	675	3	1300	2100	58	F	44	23	BSC2	\$245.20
SZR 60-30	380 Δ/λ	50	1335/720	2,43/1,32	1200/850	2950/2090	60	F	44	36	BSCF15 T	\$314.80
SZR 60-35	380 Δ/λ	50	1755/880	3,2/1,6	1200/800	4250/2830	62	F	44	44	BSCF22 T	\$429.20

SZR Capacity Table (m³/h - Pa)

TYPE	Pa	0	50	100	150	200	250	300	400	500	600	700
SZR 40-20	m³/h	990	835	630	440	160						
SZR 50-25	m³/h	1750	1400	1200	930	625	310					
SZR 50-30	m³/h	2100	1825	1600	1350	1150	800	575				
SZR 60-30	m³/h	2950	2700	2400	2150	1850	1525	1250	575			
SZR 60-35	m³/h	4250	4100	3870	3575	3200	2900	2575	2875	1100	320	

TYPE	А	В	С	D	E	F	G
SZR 40-20	198	398	502	420	220	450	250
SZR 50-25	248	498	532	520	270	550	300
SZR 50-30	298	498	562	520	320	550	350
SZR 60-30	298	598	642	620	320	660	360
SZR 60-35	348	600	720	620	370	660	410





www.sezerhavalandirma.com



SZR-SKF-R Rectangular External Motor Fan (Forward Curved)

Designed to meet medium and high airflow requirements in confined spaces. Its openable cover allows easy maintenance without removing the fan. The closely spaced blade design offers an excellent solution for high pressure applications. With the motor positioned outside the airflow, it ensures safe operation even at elevated temperatures.



TYPE	V	Hz	kW	А	RPM	m³/h	dB(A)	Ins.cl.	IP	kg	CTRL
SZR-R 200-4M	230	50	0,25	2,1	1390	1000	53	F	55	22	-
SZR-R 225-4M	230	50	0,37	3,4	1400	1673	55	F	55	35	-
SZR-R 250-4M	230	50	0,55	4,5	1365	1740	55	F	55	40	-
SZR-R 280-4M	230	50	0,75	4,6	1405	2942	60	F	55	43	-
SZR-R 315-4M	230	50	1,5	9,3	1410	4050	62	F	55	55	-
SZR-R 200-4T	380	50	0,25	0,87	1390	1673	55	F	55	35	BSCF10M
SZR-R 225-4T	380	50	0,37	1,4	1400	1673	55	F	55	35	BSCF10M
SZR-R 250-4T	380	50	0,55	1,6	1365	1740	55	F	55	40	BSCF10M
SZR-R 280-4T	380	50	0,75	2	1405	2942	60	F	55	43	BSCF10M
SZR-R 315-4T	380	50	1,5	3,5	1410	4050	62	F	55	55	BSCF15M
SZR-R 355-4T	380	50	2,2	4,9	1420	3000	64	F	55	85	BSCF22M
SZR-R 315-6T	380	50	1,1	2,9	930	5200	53	F	55	85	BSCF15M
SZR-R 400-6T	380	50	1,5	46	945	7500	55	F	55	92	BSCF15M
SZR-R 450-6T	380	50	2,2	5,4	950	7500	58	F	55	120	BSCF22M













SZR-R CAPACITY TABLE (M³/H - PA)

TYPE	Pa	0	50	100	150	200	250	300	400	500	600	700
SZR-R 200-4	m³/h	1000	870	700	490	260						
SZR-R 225-4	m³/h	1673	1425	1150	875	570	300					
SZR-R 250-4	m³/h	1740	1550	1320	1130	910	670	420				
SZR-R 280-4	m³/h	2942	2700	2400	2130	1850	1550	1300	570			
SZR-R 315-4	m³/h	4050	3600	3350	3130	2870	2620	2300	1900	1050	450	
SZR-R 355-4	m³/h	8000	7700	7400	6850	6400	6100	5625	4600	3750	2200	
SZR-R 355-6	m³/h	5200	4850	4500	4300	3800	3400	3000	2250	1100		
SZR-R 400-6	m³/h	6000	5600	5150	4750	4300	3900	3350	2400	1350	250	
SZR-R 450-6	m³/h	7500	7100	6650	6200	5750	5200	5700	3650	2500	1300	

SZR-R DIMENSION TABLE (mm)

TYPE	А	В	С	D	E	F	G	н
SZR-R 200	200	400	500	420	220	450	250	469
SZR-R 225	250	500	560	520	270	550	300	519
SZR-R 250	300	500	560	520	320	550	350	589
SZR-R 280	300	600	710	620	320	660	360	589
SZR-R 315	350	600	710	620	370	660	410	684
SZR-R 355	400	700	780	720	420	770	470	766
SZR-R 400	500	800	880	820	520	870	570	866
SZR-R 450	500	1000	980	1020	520	1070	570	886



SZR-KKF-ARE Duct Fans – Backward Curved

Its double-walled housing provides thermal and sound insulation, while the galvanized steel construction ensures excellent corrosion resistance. Removable panels offer flexible air direction and easy installation. It features a maintenance-free, reliable design.



TYPE	v	Hz	W	А	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg	H.K.C.
SZR 400 M	230	50	310	1,4	1400	4200	45	F	44	36	BSC1
SZR 450 M	230	50	480	2,5	1400	5500	48	F	44	40	BSC2
SZR 500 T	380 Δ/λ	50	960/530	2/1,1	1335/1050	7800/6100	52	F	44	51	BSCF15T
SZR 560 T	380 Δ/λ	50	1400/900	2,7/1,7	1250/950	9800/7450	55	F	44	65	BSCF15T

SZR CAPACITY TABLE (m³/h - Pa)

TYPE	Pa	0	50	100	150	200	250	300	400	500	600
SZR 400	m³/h	4200		3400		2400		1600	700		

SZR DIMENSION TABLE (mm)

TYPE	А	В	С	D
SZR 400 M	670	670	610	270
SZR 450 M	670	670	610	283
SZR 500 T	670	670	610	344
SZR 560 T	800	800	740	382







SZR – Box Type Fans

SZR Double Inlet Cabinet Fans



Produced in various capacities ranging from 500 m³/h to 50,000 m³/h. Equipped with 25 mm mineral wool insulated panels, they ensure maximum efficiency with low energy consumption. Featuring acoustic insulation, they operate vibration-free.

ТҮРЕ	V	Hz	kW	d/d	m³/ł	ı	Pa	dB(A)	kg	CTRL
SZR 7-0,75	380	50	0,75	1680	2600) ;	380	57	69	BSCF10T
SZR 7-1,1	380	50	1,1	1780	3000) ;	380	60	75	BSCF15T
SZR 9-1,5	380	50	1,5	1300	4000) ;	350	59	80	BSCF15T
SZR10-1,5	380	50	1,5	1270	5300)	400	60	89	BSCF15T
SZR10-2,2	380	50	2,2	1400	6800)	410	62	94	BSCF22T
SZR12-2,2	380	50	2,2	1080	7000) 4	400	61	120	BSCF22T
SZR12-3	380	50	3	1400	9800) 4	400	163	123	BSCF30T
SZR15-3	380	50	3	1400	1150	0 4	410	63	138	BSCF30T
SZR15-4	380	50	4	1400	1250	0 4	410	65	144	BSCF40T
SZR18-4	380	50	4	690	1300	0 :	300	62	180	BSCF40T
SZR18-5,5	380	50	5,5	1400	1600	0 :	310	64	186	BSCF55T
SZR18-7,5	380	50	7,5	1400	2000	0 :	310	66	193	BSCF75T
SZR 7-0,75	230	50	0,75	1680	2600) ;	380	57	69	-
SZR 7-1,1	230	50	1,1	1780	3000) ;	380	60	75	-
SZR 9-1,5	230	50	1,1	1300	4000) ;	350	59	80	-
SZR10-1,5	230	50	1,5	1270	5300)	400	60	89	-
TYPE	L	w	н		L1	А		В	С	D
SZR 7	740	500	500		780	235	;	205	415	230
SZR 9	800	700	600		840	295		260	615	320
SZR 10	900	700	700		940	335		290	615	330
SZR 12	1000	800	800		1040	400		335	715	380
SZR 15	1100	900	900		1140	485		408	815	430
SZR 18	1380	1040	1040)	1420	560		480	955	460





SZR-R Cabinet Fans – Backward Curved

Manufactured in various capacities from 500 m³/h to 50,000 m³/h. With 25 mm mineral wool insulated panels, they offer maximum efficiency and low energy consumption. Thanks to their acoustic insulation, they operate quietly and without vibration.



TYPE	V	Hz	kW	d/d	m³/h	Pa	dB(A)	CTRL
SZR 280-0,75 GE	380	50	7,5	2200	2500	620	66	BSCF10T
SZR 280-1,5 GE	380	50	1,5	2800	3000	900	68	BSCF15T
SZR 280-3 GE	380	50	3	2800	4500	650	69	BSCF30T
SZR 315-2,2 GE	380	50	2,2	2550	5000	1000	70	BSCF22T
SZR 315-3 GE	380	50	3	2680	6000	1000	71	BSCF30T
SZR 355-4 GE	380	50	4	2450	8000	1000	73	BSCF40T
SZR 400-4 GE	380	50	4	2030	8500	1000	73	BSCF40T
SZR400-5,5 GE	380	50	5,5	2250	11500	1000	78	BSCF55T
SZR450-5,5 GE	380	50	5,5	1870	12000	1000	75	BSCF55T
SZR450-7,5 GE	380	50	7,5	1400	18500	1200	77	BSCF75T
SZR500-11 GE	380	50	11	1400	22400	1200	79	BSCF110T
SZR560-11 GE	380	50	11	1550	22000	1000	70	BSCF110T
SZR560-15 GE	380	50	15	1400	29500	1200	74	BSCF150T
SZR630-15 GE	380	50	15	1450	30000	1000	102	BSCF150T









SZR DIMENSION TABLE (MM)

ТҮРЕ	L	w	н	L1	А	В	с	D
SZR 280	1000	800	800	1040	361	361	715	380
SZR 315	1100	900	900	1040	405	405	815	430
SZR 355	1100	900	900	1140	455	455	815	430
SZR 400	1380	1040	1040	1420	510	510	955	490
SZR 450	1540	1230	1140	1580	570	570	1155	500
SZR 500	1540	1400	1240	1580	640	640	1315	600
SZR 560	1740							

CASING FAN INLET - DISCHARGE CONFIGURATIONS









SZR-P External Rotor Duct Fan – Backward Curved

Its steel housing is protected against corrosion with electrostatic paint. The 25 mm mineral wool insulated panels provide excellent thermal and acoustic insulation. The motor is positioned outside the airflow. Aerodynamic blades ensure smooth air circulation and high efficiency. Thanks to acoustic insulation, it operates quietly and without vibration. The wide blade spacing prevents the accumulation of grease and dust.



ТҮРЕ	V	Hz	kW	RPM	m³/h	Ра
SZR 315-0.37	230-380	50	0,37	1450	2600	100
SZR 315-1.5	230-380	50	1,5	2800	5000	400
SZR 355-0.55	230-380	50	0,55	1450	3400	100
SZR 355-3	380	50	3	2800	7500	500
SZR 400-0.75	230-380	50	0,75	1450	6000	100
SZR 400-5.5	230-380	50	5,5	2800	11500	500
SZR 450-1.1	230-380	50	1,1	1450	8000	200
SZR 450-11	380	50	11	2800	15000	600
SZR 500-3	380	50	3	1450	11000	200
SZR 560-4	380	50	4	1450	15000	250
SZR 630-7.5	380	50	0,75	1450	21000	300





ТҮРЕ	н	w	L	А	В	с	D
SZR 315	600	600	900	270	515	270	515
SZR 355	700	700	900	270	615	270	615
SZR 400	800	800	1000	310	715	310	715
SZR 450	900	900	1100	335	815	335	815
SZR 500	1000	1000	1140	365	915	365	915
SZR 560	1100	1100	1240	410	1015	410	1115
SZR 630	1200	1200	1440	430	1115	430	1115







SZR-GK Ceiling Heat Recovery Unit

Ceiling Type Heat Recovery Unit

Aluminum Plate Type

Applications:

Used to supply fresh air and exhaust stale air in spaces such as hotels, shopping malls, offices, villas, and hospitals.

Operating Principle:

A high-efficiency aluminum plate heat exchanger transfers the heat of the exhaust air to the incoming fresh air, providing pre-heating in winter and pre-cooling in

summer, thus ensuring energy savings.

- Key Features:
- Quiet operation with directly coupled, balanced radial fans
- Corrosion-resistant galvanized steel housing
- Polyurethane insulation for sound and thermal protection
- Condensation tray for safe drainage
- Optional electric heater (resistance type with thermostat control)
- Easy service access to fans and filters
- Heat recovery reduces both operating and initial investment costs



TYPE	V	Hz	w	А	RPM	m³/h	dB(A)	CL	IP	kg	kW
SZR-GK 100	230/380	50	120×2	0.55×2	1400	1000	45	F	44	80	3
SZR-GK 200	230/380	50	200×2	1×2	1420	2000	46	F	44	113	3
SZR-GK 300	230/380	50	310×2	1.55×2	1430	3000	48	F	44	160	5
SZR-GK 400	230/380	50	500×2	2.5×2	1435	4000	49	F	44	195	8
SZR-GK 500	230/380	50	780×2	3.5×2	1280	5000	54	F	44	215	10
SZR-GK 600	230/380	50	1550×2	7.3×2	1250	6000	57	F	44	240	13





SZR-CTH KANAL TİPİ ISITICI

Fans

EnSuring optimal airflow and maintaining efficieni ventilation through centiflugii fans

Control System

Facilitating seamless management of user demands and equipment operation

Aluminum Heat Exchanger

Facilitating efficiem heat transfer and reducing cross-contamination through an aluminum-plate heat exchanger

Filters

Enhancing air quality and safeguarding internal equipment through G4 class fine fitters

-01-

\$3*



SZR-CTH Duct Heater

Duct Type Heaters are manufactured with galvanized or stainless steel housings, while the heating elements are designed as 304-grade stainless steel tubes.

These units are primarily developed for ventilation systems and can be custom-made for various duct types and sizes. They are used to preheat outdoor air, or to heat room or supply air to the desired temperature. Particularly ideal where water-based heating systems cannot be applied, they offer easy installation directly in the duct.

All units come standard with manual reset safety thermostats set at 70 $^\circ C$ and 110 $^\circ C$

Advantages:

- Custom design to fit different duct sizes
- Long-lasting stainless steel heating elements
- Easy installation and maintenance
- Dual-stage safety thermostat for enhanced protection











Model	Voltage (V)	Power (kW)
SZR-CTH 100	380	3
SZR-CTH 200	380	3
SZR-CTH 300	380	5
SZR-CTH 400	380	8
SZR-CTH 500	380	10
SZR-CTH 600	380	13

Model	A (mm)	B (mm)	C (mm)	D (mm)
SZR-CTH 100	455	220	200	605
SZR-CTH 200	455	270	200	605
SZR-CTH 300	555	320	200	705
SZR-CTH 400	555	380	200	705
SZR-CTH 500	655	420	200	805
SZR-CTH 600	855	520	200	1005





SZR-SH Duct Refuge Ventilation Devices

Refuge Ventilation Systems

Refuge ventilation units are designed to provide fresh air safely and continuously. They operate in two modes:

- Normal mode: Air passes through a G4 filter before entering the space.
- Emergency mode: Air is purified through activated carbon and nuclear HEPA filters to protect against CBRN threats before being delivered indoors.

A sliding bypass system ensures complete airtightness and maximum safety.



Model	v	Hz	w	A	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg	Speed Control
SZR-SH 40-25	230	50	130	0,64	2675	400	50	В	44	28	BSC1
SZR-SH 50-35A	230	50	130	0,64	2675	650	52	В	44	53	BSC1
SZR-SH 50-35B	230	50	180	0,8	2635	750	55	В	44	55	BSC1
SZR-SH 80-45A	230	50	310	1,55	1430	1600	60	F	44	108	BSC1
SZR-SH 80-45B	230	50	500	2,5	1435	2200	62	F	44	112	BSC2
SZR-SH 100-65A	380	50	960	2	1350	3750	64	F	44	155	BSCF15T
SZR-SH 100-65B	380	50	1670	3	1350	4500	66	F	44	165	BSCF22T

Performance Table (m³/h - Pa)

Model	0	50	100	200	300	400	500	600	700
SZR-SH 40-25	400	360	320	300	250	180	90		
SZR-SH 50-35A	650	610	570	480	370	250	140	20	
SZR-SH 50-35B	750	710	650	550	450	340	220	120	20
SZR-SH 80-45A	1600	1450	1300	1000	750	500	250		
SZR-SH 80-45B	2200	1950	1700	1400	1100	700	300		
SZR-SH 100-65A	3750	3500	3250	2900	2500	2000	1500	1000	
SZR-SH 100-65B	4500	4000	3500	3000	2500	1750	1100		







SZR-SH-C Duct Unit with Filter

SZR-FC cihazları, taze hava temini için geliştirilmiş olup by-pass hücresi sayesinde iki moddaSZR-FC Units are designed for fresh air supply and operate in two modes thanks to the bypass cell.

- In Normal mode, air passes only through the G4 filter before entering the indoor space.
- In Filtration mode, air is thoroughly cleaned by passing through G4, activated carbon, and the more precise M6 cassette filters.

A sliding bypass damper ensures complete airtightness and efficient operation.

Model	v	Hz	w	А	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg	Speed Control
SZR-FC 40-20	230	50	104	0,4	2800	500	48	В	44	24	BSC1
SZR-FC 50-25	230	50	130	0,8	2800	1000	50	В	44	35	BSC1
SZR-FC 60-30	230	50	180	0,64	2800	2000	53	В	44	45	BSC1
SZR-FC 70-35	230	50	210	0,96	1400	3000	45	В	44	63	BSC1

Dimensions (mm)

Model	А	В	С
SZR-FC 40-20	400	200	800
SZR-FC 50-25	500	250	1000
SZR-FC 60-30	600	300	1100
SZR-FC 70-35	700	350	1250









SEZER



SZR-SH-R Duct Unit with Filter

Constructed with a high-quality, corrosion-resistant galvanized steel housing. The 25 mm thick cabinet panels are mineral wool insulated, providing acoustic insulation. The unit can handle air temperatures up to 40°C. Thanks to the bypass feature, fresh air is normally supplied for general ventilation; in refuge mode, the air is purified through activated carbon and HEPA filters to remove chemical gases before being delivered indoors.



Technical Specifications

Model	v	Hz	kW	r.p.m	m³/h	Pa	Ins.cl.	IP	Speed Control
SZR-R 280-1,1	380	50	1,1	2552	2000	400	F	55	BSCF15M
SZR-R 280-1,5	380	50	1,5	2613	3000	400	F	55	BSCF15M
SZR-R 280-2,2	380	50	2,2	2809	4000	400	F	55	BSCF22M
SZR-R 315-2,2	380	50	2,2	2451	5000	400	F	55	BSCF22M
SZR-R 315-3	380	50	3	2591	6000	400	F	55	BSCF30T
SZR-R 355-4	380	50	4	2354	8000	400	F	55	BSCF40T

Dimensions (mm)

Model	н	w	L	А	В	с	D
SZR-R 280	825	750	1850	361	361	210	500
SZR-R 315	900	1050	2300	402	402	310	800
SZR-R 355	975	1340	2500	455	455	310	1090







SZR-RF - Horizontal Discharge Radial Roof Fan

Designed to enhance indoor air quality with whisper-quiet operation, thanks to its external rotor motor. Trusted for demanding high-performance applications.

Technical Specifications

Model	v	Hz	w	А	r.p.m	m³/h	dB(A)	Ins.cl	IP	kg	Speed Control
SZR-BRF 160	230	50	60	0,3	2600	346	44	В	44	3,5	BSC1
SZR-BRF 180	230	50	70	0,35	2500	460	49	В	44	3,7	BSC1
SZR-BRF 225	230	50	80	0,4	2750	902	50	В	44	7	BSC1
SZR-BRF 250	230	50	125	0,61	2800	1212	52	В	44	8	BSC1
SZR-BRF 315	230	50	130	0,72	1425	2900	47	F	44	12,8	BSC1
SZR-BRF 355	230	50	200	1,05	1400	4100	46	F	44	18	BSC2
SZR-BRF 400	230	50	310	1,56	1380	4100	51	F	44	22	BSC2
SZR-BRF 450	230	50	430	2,2	1370	5400	52	F	44	28	BSC2
SZR-BRF 500	Δ400	50	880	2,1	1400	7550	54	F	54	45	BSCF15
SZR-BRF 560	Δ400	50	1350	2,6	1400	9600	66	F	54	48	BSCF15T

SZR-BRF Kapasite Tablosu (m³/h - Pa)

Model	0	100	200	300	400	500	600	700	800
SZR-BRF 160	346	210	35						
SZR-BRF 180	460	300	170						
SZR-BRF 225	902	750	600	400	150				
SZR-BRF 250	1212	1050	840	620	400	50			
SZR-BRF 315	2000	1400	700	200					
SZR-BRF 355	2900	2150	1200						
SZR-BRF 400	4100	3500	2700	2100	1300	600			
SZR-BRF 450	5400	4600	3750	3000	2000	700			
SZR-BRF 500	7600	6600	5400	4600	3600	2750	1400	300	
SZR-BRF 560	9800	8800	8100	6100	5500	4800	3600	2400	1000





SZR-RF-V – Vertical Discharge Radial Fan

Provides a significant advantage in situations where horizontal discharge of the intake air is not possible. Equipped with a rain drainage hole to prevent water ingress into the duct.





Model	v	Hz	w	A	r.p.m	m³/h	dB(A)	Ins.cl	IP	kg	Speed Control
SZR-RF-V 225	230	50	160	0,71	2650	850	43-35	В	44	7	BSC1
SZR-RF-V 315	230	50	130	0,73	1425	1900	45-37	F	44	22	BSC1
SZR-RF-V 355	230	50	200	1,1	1400	2850	46-38	F	44	34	BSC1
SZR-RF-V 400	230	50	310	1,56	1380	4000	47-39	F	44	39	BSC2
SZR-RF-V 450	230	50	425	2,17	1390	5400	50-42	F	44	51	BSC2
SZR-RF-V 500	380 Δ/ Υ	50	960/620	2/1,1	1400/1050	7600/5700	52-44	F	44	60	BSCF15T
SZR-RF-V 560	380 ∆/Y	50	1515/870	2,9/1,7	1250/950	9600/7300	60-52	F	44	99	BSCF22T

SZR-RF-V Capacity Table (m³/h - Pa)

Model	0	100	200	300	400	500	600	700	800
SZR-RF-V 225	850	670	500	260	50				
SZR-RF-V 315	1900	1300	500						
SZR-RF-V 355	2850	2150	1200						
SZR-RF-V 400	4000	3400	2750	2000	1100	100			
SZR-RF-V 450	5400	4500	3700	2500	1300	210			
SZR-RF-V 500	7600	6600	5700	4600	3600	2450	1200		
SZR-RF-V 560	9600	8500	7600	6600	5300	4200	2800	1600	







SZR-RDV - Vertical Discharge Radial Roof Fans

Designed to discharge contaminated air to remote locations, making it an ideal solution where horizontal exhaust is not possible. Equipped with a rain drainage hole to prevent water ingress into the duct. The motor is positioned outside the airflow, providing high resistance to elevated temperatures.

Technical Specifications

Model	v	Hz	kW	А	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg	Speed Control
SZR-RF-V 315M	230	50	0,25	2,1	1380	1900	48-40	F	55	22	-
SZR-RF-V 355M	230	50	0,25	2,1	1380	2850	50-42	F	55	27	-
SZR-RF-V 400M	230	50	0,37	3,4	1390	4000	51-43	F	55	33	-
SZR-RF-V 450M	230	50	0,55	4,5	1365	5300	54-46	F	55	38	-
SZR-RF-V 500M	230	50	1,1	7,5	1410	8000	56-48	F	55	49	-
SZR-RF-V 560M	230	50	2,2	14,2	1420	10500	65-57	F	55	58	-
SZR-RF-V 315T	380	50	0,25	0,87	1380	1900	48-40	F	55	22	BSCF10M
SZR-RF-V 355T	380	50	0,25	0,87	1380	2850	50-42	F	55	27	BSCF10M
SZR-RF-V 400T	380	50	0,37	1,2	1390	4000	51-43	F	55	33	BSCF10M
SZR-RF-V 450T	380	50	0,55	1,6	1365	5300	54-46	F	55	38	BSCF10M
SZR-RF-V 500T	380	50	1,1	2,6	1410	8000	56-48	F	55	49	BSCF15M
SZR-RF-V 560T	380	50	2,2	4,9	1420	10500	65-57	F	55	58	BSCF22M

SZR-RF-V Capacity Table (m³/h - Pa)

Model	0	100	200	300	400	500	600	700	800
SZR-RF-V 315	1900	1300	700						
SZR-RF-V 355	2850	2800	1500	500					
SZR-RF-V 400	4000	3150	2400	1500	750				
SZR-RF-V 450	5300	4500	3600	2700	1600	400			
SZR-RF-V 500	8000	6900	5600	4500	3200	2150	1200		
SZR-RF-V 560	10500	9400	8200	7100	6000	4800	3300	2250	500



SEZER



SZR-RCF – Horizontal Discharge Radial Roof Fan

Designed to improve air quality in enclosed spaces. Its external motor construction provides high heat resistance, ensuring reliable operation in demanding environments.

Technical Specifications

Model	v	Hz	w	А	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg	Speed Control
SZR-RC 280M	230	50	0,25	2,1	1390	1000	53-45	F	55	35	-
SZR-RC 315M	230	50	0,25	2,1	1380	1950	53-45	F	55	42	-
SZR-RC 355M	230	50	0,25	2,1	1380	2900	55-47	F	55	50	-
SZR-RC 400M	230	50	0,37	3,4	1390	4000	60-52	F	55	55	-
SZR-RC 450M	230	50	0,55	4,5	1365	5550	62-54	F	55	62	-
SZR-RC 500M	230	50	1,1	7,5	1410	8300	64-56	F	55	68	-
SZR-RC 560M	230	50	2,2	14,2	1420	10800	66-58	F	55	75	-
SZR-RC 280T	380	50	0,25	0,87	1380	1000	53-45	F	55	35	BSCF10M
SZR-RC 315T	380	50	0,25	0,87	1380	1950	53-45	F	55	42	BSCF10M
SZR-RC 355T	380	50	0,25	0,87	1380	2900	55-47	F	55	50	BSCF10M
SZR-RC 400T	380	50	0,37	1,2	1390	4000	60-52	F	55	55	BSCF10M
SZR-RC 450T	380	50	0,55	1,6	1365	5550	62-54	F	55	62	BSCF10M
SZR-RC 500T	380	50	1,1	2,6	1410	8300	64-56	F	55	68	BSCF15M
SZR-RC 560T	380	50	2,2	4,9	1420	10800	66-58	F	55	75	BSCF22M
SZR-RC 630T	380	50	3	6,6	1000	13000	60-52	F	55	127	BSCF30T
SZR-RC 710T	380	50	4	8,4	1000	15000	63-55	F	55	150	BSCF40T
SZR-RC 800T	380	50	7,5	15,4	1000	17000	67-59	F	55	216	BSCF75T





SEZER

111

www.sezerhavalandirma.com



SZR-RCF-M – Horizontal Discharge Radial Roof Fan

Designed to improve air quality in enclosed spaces. Its external motor design provides high heat resistance, ensuring reliable operation in harsh conditions.



Technical Specifications

Model	v	Hz	w	А	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg	Hız Kontrol
SZR-RC- M 315	230	50	185	0,82	2730	1800	56-48	F	44	11,3	BSC1





Dimensions (mm)

Model	А	В	С	D	E	н
SZR-RC-M 315	411	310	180	30	164	340









SZR-ACF – Horizontal Discharge Axial Fan

With both intake and discharge functions, it exhausts dirty air while supplying fresh air to the space. Operates at low noise levels and requires minimal maintenance for long-term use.

Technical Specifications

Model	v	Hz	w	А	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg	Speed Control
SZR-ACF 300M	230	50	90	0,45	1445	1800	47-39	В	44	16	BSC1
SZR-ACF 350M	230	50	250	1,22	1400	2600	48-40	В	44	18	BSC1
SZR-ACF 400M	230	50	255	1,24	1375	4500	51-43	В	44	20	BSC1
SZR-ACF 450M	230	50	325	1,5	1350	6500	55-47	В	44	25	BSC1
SZR-ACF 500M	230	50	375	1,75	1350	8500	57-49	В	44	30	BSC2
SZR-ACF 300T	380	50	210	1,1	1445	1800	47-39	В	44	16	BSCF10M
SZR-ACF 350T	380	50	270	1,3	1400	2600	48-40	В	44	18	BSCF10M
SZR-ACF 400T	380	50	255	0,8	1375	4500	51-43	В	44	20	BSCF10M
SZR-ACF 450T	380	50	360	1,6	1240	6500	55-47	В	44	25	BSCF10M
SZR-ACF 500T	380	50	370	0,84	1260	8500	57-49	В	44	30	BSCF10M
SZR-ACF 560M	230	50	0,75	4,6	1405	10400	61-53	F	55	37	-
SZR-ACF 630M	230	50	1,1	7,1	1410	14000	63-55	F	55	45	-
SZR-ACF 710M	230	50	1,5	9,3	1410	18000	68-60	F	55	53	-
SZR-ACF 800M	230	50	2,2	13,4	1425	26000	70-62	F	55	75	-
SZR-ACF 560T	380	50	0,75	2,1	1405	10400	61-53	F	55	37	BSCF10M
SZR-ACF 630T	380	50	1,1	2,6	1410	14000	63-55	F	55	45	BSCF15M
SZR-ACF 710T	380	50	1,5	3,5	1410	18000	68-60	F	55	53	BSCF15M
SZR-ACF 800T	380	50	2,2	5	1425	26000	70-62	F	55	75	BSCF22M
SZR-ACF 900T	380	50	3	6,6	1425	32000	74-66	F	55	80	BSCF30T
SZR-ACF1000T	380	50	5,5	8,4	1440	42000	77-69	F	55	105	BSCF55T



SEZER





SZR-ACF Capacity Table (m³/h - Pa)

Model	0	50	100	150	200	250	300	400	500	600	700
SZR-ACF 300	1800	970	470								
SZR-ACF 350	2600	1850	980								
SZR-ACF 400	4500	3590	2500	1300							
SZR-ACF 450	6500	5250	3800	2250	350						
SZR-ACF 500	8500	7700	6300	4650	3000	1000					
SZR-ACF 560	10400	8450	6900	5000	3200	1100					
SZR-ACF 630	14000	12100	10050	8000	5500	2900					
SZR-ACF 710	18000	15900	14000	11300	9000	6400	2900				
SZR-ACF 800	26000	23900	21750	19750	17500	15000	12900	8000	2900		
SZR-ACF 900	32000	29700	27400	25100	22500	20000	17500	11350	5000		
SZR-ACF1000	42000	39500	36500	33750	30750	27500	24500	18000	11000 F	3500	

ØВ











SZR-DKF-R EX PROOF – Rectangular External Motor Duct Fans, **Backward Curved**

Rectangular duct-type EX PROOF radial fans feature a galvanized steel housing and a brasscoated inlet ring. Their widely spaced backward curved blades and access panel provide easy maintenance for the motor and blades. Designed spark-free, they are safely used in high explosion risk environments such as refineries, chemical storage facilities, and gas stations.



Technical Specifications

Model	v	Hz	kW	А	r.p.m	m³/h	dB(A)	Ins.cl.	IP	kg	Speed Control
SZR-EX 315 T	380	50	0,25	0,87	1380	2000	53	F	55	35	BSCF10M
SZR-EX 355 T	380	50	0,25	0,87	1380	3000	58	F	55	36	BSCF10M
SZR-EX 400 T	380	50	0,37	1,2	1390	4100	56	F	55	49	BSCF10M
SZR-EX 450 T	380	50	0,55	1,6	1395	5500	58	F	55	52	BSCF10M
SZR-EX 500 T	380	50	1,1	2,6	1410	8100	64	F	55	74	BSCF15M
SZR-EX 560 T	380	50	2,2	4,9	1420	10500	66	F	55	91	BSCF22M

Model	ο	100	200	300	400	500	600	1000
SZR-EX 315 T	2000	1650	1150	450				
SZR-EX 355 T	3000	2500	2000	1400	750	10		
SZR-EX 400 T	4100	3500	2900	2200	1500	600		
SZR-EX 450 T	5500	4600	3800	3200	2400	1400	700	
SZR-EX 500 T	8100	7500	6600	5700	5100	3900	3000	
SZR-EX 560 T	10500	9600	8800	8000	7100	5500	4100	500






SZR-RCF-EX PROOF Horizontal Discharge Radial Roof Fan with External Motor

The base, hood, and blades are made of galvanized steel, while the fan hub is aluminum. These fans feature direct drive, backward curved widely spaced blades, and a brass-coated inlet ring. Their spark-free design makes them safe for use in environments such as petroleum refineries, gas stations, tanker yards, and chemical storage facilities. They are the preferred ex-proof solutions for high explosion risk areas.

SZR-RCF-EX Explosion-Proof Roof Fans

Model	v	Hz	kW	А	d/d	m³/h	dB(A)	kg	Speed Control
BRCF-EX 280T	380	50	0,25	0,87	1380	1000	53-45	35	BSCF10M
BRCF-EX 315T	380	50	0,25	0,87	1380	1950	53-45	42	BSCF10M
BRCF-EX 355T	380	50	0,25	0,87	1380	2900	55-47	50	BSCF10M
BRCF-EX 400T	380	50	0,37	1,2	1390	4000	60-52	55	BSCF10M
BRCF-EX 450T	380	50	0,55	1,6	1365	5550	62-54	62	BSCF10M
BRCF-EX 500T	380	50	1,1	2,6	1410	8300	64-56	68	BSCF15M
BRCF-EX 560T	380	50	2,2	4,9	1420	10800	66-58	75	BSCF22M
BRCF-EX 630T	380	50	3	6,6	1000	13000	60-52	127	BSCF30T
BRCF-EX 710T	380	50	4	8,4	1000	15000	63-55	150	BSCF40T
BRCF-EX 800T	380	50	7,5	15,4	1000	17000	67-59	216	BSCF75T

SZR-RCF-EX 500 Explosion-Proof Roof Fan

Ра	Ο	100	200	300	400	500	600	700
m³/h	8300	7200	5800	5300	4100	3100	1900	450









SZR-RCF-EX Exproof Fan Dimensions (mm)

Model	А	В	С	D	E	F	G
280T	522	495	165	354	404	10	30
315T	595	555	198	404	454	10	30
355T	656	555	234	450	500	10	30
400T	656	585	268	450	500	12	30
450T	656	616	303	530	580	12	44
500T	766	660	342	590	640	12	44
560T	828	723	380	650	700	12	44
630T	997	922	445	660	730	12	54
710T	1095	991	500	710	780	12	54
800T	1205	1172	542	850	900	12	54







SZR-TFM-EX PROOF Axial EX Proof Fan

The SZR-AXF-EX series features cylindrical galvanized steel housings and high-pressure diecast aluminum airfoil blades. Designed for quiet operation, these fans deliver high efficiency. Built according to EN 14986 standards to prevent spark generation, they are ideal for use in environments with high risk of explosion or fire, such as petroleum refineries, gas stations, tanks, and chemical storage facilities.



Model	(m³/h)	(kW)	(dB)
SZR-AXF-EX 400	3.500	0,37	60
SZR-AXF-EX 450	4.500	0,55	62
SZR-AXF-EX 500	7.000	0,55	66
SZR-AXF-EX 560	10.000	0,75	63
SZR-AXF-EX 630	14.000	1,1	70
SZR-AXF-EX 710	17.500	1,5	71
SZR-AXF-EX 800	25.000	3	76
SZR-AXF-EX 900	40.000	5,5	81
SZR-AXF-EX 1000	80.000	18,5	88
SZR-AXF-EX 1250	115.000	30	94

SZR-AXF-EX Dimensions (mm)

TİP	ØDi	ØDa	ØTk	ØL	ZXØD
SZR-AXF-EX 400	400	480	450	350	8×12
SZR-AXF-EX 450	450	530	500	350	8×12
SZR-AXF-EX 500	500	590	560	400	12×12
SZR-AXF-EX 560	560	650	620	400	12×12
SZR-AXF-EX 630	630	720	690	400	12×12
SZR-AXF-EX 710	710	800	770	450	16×12
SZR-AXF-EX 800	800	890	860	500	16×12
SZR-AXF-EX 900	900	1005	970	550	16×15
SZR-AXF-EX 1000	1000	1105	1070	700	16×15
SZR-AXF-EX 1250	1250	1390	1320	850	20×15





SZR-V EC Vertical Discharge Radial Duct Fans

Application:

SZR-V EC fans, with their energy-efficient design and low noise levels, are ideal for exhaust and air conditioning systems in places such as shopping malls, banks, restaurants, hotels, residences, and swimming pools.

TASARIDesign & Motor:

Galvanized steel housing with high-performance composite blades. Thanks to EC motor technology, it offers up to 90% efficiency, long service life, and quiet operation.

Control:

Speed can be adjusted via a 0-10V control signal. The LED display system shows fan parameters. Multiple fans can be controlled from a single panel.

Installation:

Suitable for roof mounting. Easily fixed to a static surface using the mounting plate.

For Prices of All SZR-V EC Models, Please Inquire!



SZR-V EC Tip	v	Hz	w	А	rpm	m³/h	Pa	dB(A)
SZR-V EC 315	220	50	350	1,5	2000	2200	500	45-37
SZR-V EC 355	220	50	400	2,1	1850	3500	620	46-38
SZR-V EC 400	220	50	420	2,3	1450	4000	600	47-39
SZR-V EC 450	380	50	1000	1,5	1450	6500	650	50-42
SZR-V EC 500	380	50	870	1,46	1100	7000	450	52-44
SZR-V EC 560	380	50	770	1,3	850	8500	320	60-52

TECHNICAL DIMENSIONS

SZR-V EC Tip	А	В	С	D	E	F	G
SZR-V EC 315	552	450	330	505	185	450	10
SZR-V EC 355	745	607	385	595	235	450	10
SZR-V EC 400	745	607	385	595	270	450	10
SZR-V EC 450	900	742	512	665	280	535	10
SZR-V EC 500	900	742	512	665	320	535	12
SZR-V EC 560	1190	955	595	946	360	740	12



150

<u>िNet</u>



www.sezerhavalandirma.com



SZR-ARMO-JP

SZR Jet Fans provide powerful air movement without the need for ductwork in enclosed car parks, tunnels, and large-volume spaces, effectively directing harmful gases toward exhaust points. They are certified according to EN 12101-3 and CE standards, ensuring compliance and safety. Designed for demanding conditions, SZR Jet Fans can operate continuously for 2 hours at temperatures of 300°C and 400°C. Available in single or dual direction models to suit various application needs.



model	v	Hz	kW	A	İtme (N)	rpm	m³/h	dB(A)	IP	kg
SZR-JP-315-UDA	400	50	0,8/0,2	1,91/0,6	25/6,3	2810/1390	4600/2300	66-49	55	91
SZR-JP-355-UDA	400	50	1,1/0,25	2,2/0,55	45/11,3	2900/1435	6900/3450	70-52	55	98
SZR-JP-400-UDA	400	50	1,5/0,37	3,4/0,8	75/18,7	2845/1420	10000/5000	72-53	55	105
SZR-JP-315-RDA	400	50	0,8/0,2	1,91/0,6	45832	2810/1390	4500/2250	66-49	55	93
SZR-JP-355-RDA	400	50	1,1/0,25	2,2/0,55	41/10,6	2900/1435	6540/3270	68-49	55	100
SZR-JP-400-RDA	400	50	1,5/0,37	3,4/0,8	70/17,5	2845/1420	9750/4875	68-49	55	107

Dual Direction Jet Fan / RDA (mm)

model	А	В	с	D	E	F	G	н
SZR-JP-315 UDA/RDA	1600	390	360	315	310	275	375	400
SZR-JP-355 UDA/RDA	1700	455	410	355	360	275	375	465
SZR-JP-400 UDA/RDA	1850	500	450	400	400	350	450	510











SZR-ARMO-JR

SZR-JP Radial Jet Fans serve the same purpose as axial jet fans. Their lower height makes them ideal for parking garages with ceilings under 2.4 m or cassette air intakes. Capable of continuous operation for 2 hours at 300°C and 400°C.











model	(N)	(m³/h)	(kW)	(A)	(d/d)	(kg)
SZR-JR 50	48/12	3375/6750	0,3/1,2	1,29/2,92	705/1430	80







SZR-ARMO-A

SZR Axial Fans are used in pressurization, fresh air supply, and smoke exhaust systems. Certified to EN 12101-3 and CE standards.

Can be manufactured for continuous operation at 300°C and 400°C for 2 hours. Works integrated with jet fans to efficiently remove harmful gases.

Adjustable blade angles allow adaptation to various airflow and pressure requirements.



model	v	Hz	kW	rpm	m³/h	Ра	Angle
SZR-A 400-6 /0,75-2A	230/380	50	0,75	2800	3600	800	10
SZR-A 450-6 /1,5-2A	230/380	50	1,5	2800	6250	900	10
SZR-A 500-6 /0,75-4A	230/380	50	0,75	1400	10290	210	30
SZR-A 560-6 /1,1-4A	230/380	50	1,1	1400	13000	240	24
SZR-A 630-6 /1,5-4A	230/380	50	1,5	1400	18375	350	24
SZR-A 710-6 /4-4A	380	50	4	1400	31500	300	32
SZR-A 800-6 /7,5-4A	380	50	7,5	1400	42255	475	32
SZR-A 900-6 /15-4A	380	50	15	1400	60900	525	28
SZR-A 1000-6/15-4A	380	50	15	1400	77000	600	28
SZR-A 1000-6/18,5-4A	380	50	18,5	1400	83000	650	32
SZR-A 1250-6/30-4A	380	50	30	1400	115000	750	20











SZR-ARMO-C

SZR Cabinet Axial Fans feature a fire-resistant cabinet design and low noise operation, used in pressurization, fresh air supply, and smoke exhaust systems. Certified to EN 12101-3 and CE standards.

Integrated operation with jet fans effectively removes harmful gases.

Adjustable blade angles allow manufacturing for different airflow and pressure requirements.

Designed for continuous operation at 300°C and 400°C for 2 hours.



model	v	Hz	kW	rpm	m³/h	Pa	Angle
SZR-C 400-6 /0,75-2A	230/380	50	0,75	2800	3600	800	10
SZR-C 450-6 /1,5-2A	230/380	50	1,5	2800	6250	900	10
SZR-C 500-6 /0,75-4A	230/380	50	0,75	1400	10290	210	30
SZR-C 560-6 /1,1-4A	230/380	50	1,1	1400	13000	240	24
SZR-C 630-6 /1,5-4A	230/380	50	1,5	1400	18375	350	24
SZR-C 710-6 /4-4A	380	50	4	1400	31500	300	32
SZR-C 800-6 /7,5-4A	380	50	7,5	1400	42525	475	32
SZR-C 900-6 /15-4A	380	50	15	1400	60900	525	32
SZR-C1000-6/15-4A	380	50	15	1400	77000	600	32
SZR-C1000-6/18,5-4A	380	50	18,5	1400	83000	650	32
SZR-C1250-6/30-4A	380	50	30	1400	115000	750	20









Technical Dimensions (mm)

model	L	w	н	А	В
SZR-C 400	592	568	640	490	490
SZR-C 450	592	568	640	490	490
SZR-C 500	592	620	686	536	536
SZR-C 560	745	707	775	624	624
SZR-C 630	745	777	845	694	694
SZR-C 710	910	857	925	774	774
SZR-C 800	910	950	1025	865	865
SZR-C 900	1065	1050	1125	965	965
SZR-C1000	1065	1150	1250	1069	1069
SZR-C1250	1065	1400	1500	1319	1319











SZR-ARMO-R

SZR Roof-Mounted Axial Fans are safely used in pressurization, fresh air supply, and smoke exhaust systems.

Certified to EN 12101-3 and CE standards.

Work integrated with jet fans to accelerate the evacuation of harmful gases. Adjustable blade angles allow production for various airflow and pressure requirements.

Capable of continuous operation at 300°C and 400°C for 2 hours.



model	v	Hz	kW	rpm	m³/h	Ра	Angle
SZR-R 400-6 /0,75-2A	230/380	50	0,75	2800	3600	800	10
SZR-R 450-6 /1,5-2A	230/380	50	1,5	2800	6250	900	10
SZR-R 500-6 /0,75-4A	230/380	50	0,75	1400	10290	210	30
SZR-R 560-6 /1,1-4A	230/380	50	1,1	1400	13000	240	24
SZR-R 630-6 /1,5-4A	230/380	50	1,5	1400	18375	350	24
SZR-R 710-6 /4-4A	380	50	4	1400	31500	300	32
SZR-R 800-6 /7,5-4A	380	50	7,5	1400	42525	475	32
SZR-R 900-6 /15-4A	380	50	15	1400	60900	525	32
SZR-R1000-6/15-4A	380	50	15	1400	77000	650	28
SZR-R1000-6/18,5-4A	380	50	18,5	1400	83000	650	32
SZR-R1250-6/30-4A	380	50	30	1400	115000	750	20

ØD









SZR-R Kitchen Exhaust Fans

Backward Curved

Discharge and intake connections are configurable, offering flexible installation options. The motor operates outside the airflow, providing high resistance to elevated temperatures.

For pricing on the filtered option, please inquire.



model	v	Hz	kW	A	rpm	m³/h	dB(A)	Ins.cl	IP	kg	Angle
SZR-R 400M	230	50	0,37	3,4	1390	4100	45	F	55	52	-
SZR-R 450M	230	50	0,55	4,5	1365	5400	48	F	55	65	-
SZR-R 500M	230	50	1,1	7,5	1410	8200	52	F	55	77	-
SZR-R 560M	230	50	2,2	14,2	1420	10800	55	F	55	95	-
SZR-R 400T	380	50	0,37	1,2	1390	4100	45	F	55	52	BSCF10M
SZR-R 450T	380	50	0,55	1,6	1365	5400	48	F	55	65	BSCF10M
SZR-R 500T	380	50	1,1	2,6	1410	8200	52	F	55	77	BSCF15M
SZR-R 560T	380	50	2,2	4,9	1420	10800	55	F	55	95	BSCF22M

SZR-R CAPACITY TABLE (m³/h - Pa)

model	Pa	0	100	200	300	400	500	600	700	800	900	1000
SZR-R 400	m³/h	4100	3400	2550	1650	300						
SZR-R 450	m³/h	5400	4900	4000	3350	2500	1300	600				
SZR-R 500	m³/h	8200	6000	5500	5000	4000	3500	1200				
SZR-R 560	m³/h	10800	10000	9200	8400	7300	6400	5500	4000			











SZR-RH Kitchen Exhaust Fans - Backward Curved, High Pressure

Operates at high speeds to evacuate hot smoke effectively. Provides a quiet and efficient solution with ductless exhaust capability over long distances. Removable panels allow the directed flow of extracted smoke as needed. Its compact design ensures easy installation and energy savings.

For pricing on the filtered option, please inquire.

Technical Table



model	v	Hz	kW	A	rpm	m³/h	dB(A)	Ins.cl	IP	kg	Angle
SZR-RH 280M	230	50	0,75	5	2840	3600	65	F	55	38	
SZR-RH 315M	230	50	1,5	9,8	2855	5000	68	F	55	38	
SZR-RH 280T	380	50	0,75	1,8	2840	3600	65	F	55	38	BSCF10M
SZR-RH 315T	380	50	1,5	3,3	2855	5000	68	F	55	41	BSCF15M

SZR-RH Capacity Table (m³/h - Pa)

model	Pa	0	100	200	300	400	500	600	700	800	900	1000	1100	1150	1200
SZR-RH 280	m³/h	3600	3100	2700	2400	2100	1800	1400	900	400					
SZR-RH 315	m³/h	5000	4900	4400	4000	3700	3300	3000	2500	2000	1800	1400	1000	700	400











SZR Kitchen Exhaust Fans – Backward Curved

Offers easy maintenance and cleaning thanks to its access panel. Equipped with 50 mm thermal and acoustic insulation. The motor is positioned outside the airflow, ensuring high temperature resistance. Please inquire for pricing on filtered options.

Technical Table

model	v	Hz	kW	А	rpm	m³/h	dB(A)	Ins.cl	IP	kg	Angle
SZR 315M	230	50	0,25	2,1	1390	1800	37-29	F	55	51	-
SZR 355M	230	50	0,25	2,1	1390	2800	41-33	F	55	63	-
SZR 400M	230	50	0,37	3,4	1390	4000	42-34	F	55	78	-
SZR 450M	230	50	0,55	4,5	1410	5200	45-37	F	55	82	-
SZR 500M	230	50	1,1	7,5	1400	8000	49-42	F	55	145	-
SZR 560M	230	50	2,2	14,2	1400	10000	52-44	F	55	145	-
SZR 315T	380	50	0,25	0,87	1380	1800	37-29	F	55	51	BSCF10M
SZR 355T	380	50	0,25	0,87	1380	2800	41-33	F	55	63	BSCF10M
SZR 400T	380	50	0,37	1,2	1390	4000	42-34	F	55	78	BSCF10M
SZR 450T	380	50	0,55	1,6	1365	5200	45-37	F	55	78	BSCF10M
SZR 500T	380	50	1,1	2,6	1410	8000	49-42	F	55	120	BSCF15M
SZR 560T	380	50	2,2	4,9	1420	10000	52-44	F	55	145	BSCF22M

SZR-RH CAPACITY TABLE (m³/h - Pa)

SZR-RH Tip	Pa	0	100	200	300	400	500	600	700	800	900	1000	1100	1150	1200
SZR-RH 280	m³/h	3600	3100	2700	2400	2100	1800	1400	900	500					
SZR-RH 315	m³/h	5000	4900	4400	4000	3700	3300	3100	2500	2000	1800	1400	1000	800	500







SZR-T Series Kitchen Exhaust Fans

Provides easy cleaning and maintenance thanks to its access panel. The door opening direction can be easily adjusted as required. Fan connections and anti-vibration mounts are integrated into the body with an isolated base. The double-walled galvanized steel casing includes 50 mm rock wool insulation. Please inquire for pricing on filtered options.

TECHNICAL TABLE



model	v	Hz	kW	А	rpm	m³/h	dB(A)	Ins.cl	IP	kg	Angle
SZR-T 200M	230	50	0,55	2,2	1365	1750	40	F	55	40	-
SZR-T 225M	230	50	0,75	4,6	1365	2250	42	F	55	43	-
SZR-T 250M	230	50	1,5	9,3	1410	3200	43	F	55	53	-
SZR-T 280M	230	50	1,5	9,3	1410	4200	45	F	55	63	-
SZR-T 315M	230	50	3	19	960	6000	45	F	55	78	-
SZR-T 200T	380	50	0,55	1,6	1365	1750	40	F	55	40	BSCF10M
SZR-T 225T	380	50	0,75	2,1	1365	2250	42	F	55	43	BSCF10M
SZR-T 250T	380	50	1,5	3,3	1410	3200	43	F	55	53	BSCF15M
SZR-T 280T	380	50	1,5	3,3	1410	4200	45	F	55	63	BSCF15M
SZR-T 315T	380	50	3	6,9	960	6000	45	F	55	78	BSCF30T
SZR-T 355T	380	50	3	6,9	960	8000	45	F	55	85	BSCF30T







SZR-T TECHNICAL DIMENSIONS (mm)

model	А	В	С	D	E	F	G	н	I
SZR-T 200	460	415	210	475	500	240	200	145	145
SZR-T 225	495	460	210	520	500	240	210	145	165
SZR-T 250	535	480	230	545	550	300	250	165	180
SZR-T 280	595	540	235	605	600	300	280	170	205
SZR-T 315	650	600	265	660	650	340	335	188	225
SZR-T 355	730	660	310	820	650	405	340	210	256

C TÜRKAP ⊘



Industrial-Type Ceiling Fan

Whether the HVAC system is running or not, the BigFlow Industrial Ceiling Fan ensures fresh and continuous air circulation, creating a balanced and uniform indoor climate. With its low-speed, high-efficiency design, BigFlow minimizes air stratification and delivers up to 30% energy savings throughout all seasons.

Technical Data Table

					<u> </u>	
Model	(m)	(kW)	(rpm)	(m³)	(dB(A)	(kg)
SZR 1400	14	80	330	900	824	85
SZR 2500	25	100	180	900	<60	655
SZR 3000	30	73	150	1000	<60	70
SZR 4000	40	37	80	1270	<55	765
SZR 2500 Z	25	122	210	650	<60	825
SZR 3000 Z	30	60	160	1100	<60	86
SZR 4000 Z	40	65	100	1300	<55	94
SZR 5000 Z	50	85	80	1500	<45	113
SZR 6000 Z	60	110	65	1600	<45	121
SZR 6000 HP	60	76	75	1600	<45	132
SZR 7000 Z	70	53	38	1850	<45	129





SZR-High-Performance Axial Fans

SZR series fans are manufactured from galvanized sheet steel. Their blade structures are specially designed to enhance strength and efficiency. They are primarily used to maintain the necessary climate control for plants in greenhouses and to ensure homogeneous air distribution in farms and stables. Additionally, they are preferred in factories and workshops for removing dust, smoke, and unpleasant odors.



Model	(V)	(kW)	(rpm)	(m³/h)
SZR-80	380	0,37	1400	9500
SZR-100	380	0,37	1400	11000
SZR-140	380	1,1	1400	41000

Technical Dimensions

Model	А	В	с
SZR-80	800	800	400
SZR-100	1000	1000	400
SZR-140	1380	1380	400









Axial Chimney Fans

Provides powerful airflow thanks to its optimally angled blades. Offers easy installation on windows or walls. Ensures enhanced comfort with low noise levels.

SZR-BB SERIES (Compact Extract Fan)





model	v	Hz	w	A	rpm	m³/h	dB(A)	Ins.cl	IP	kg	Carton Quantity	Angle
SZR-BB 160	230	50/60	32	0,14	2500	450	50	н	54	1,5	5	BSC1
SZR-BB 200	230	50/60	35	0,15	1550	780	53	н	54	1,7	5	BSC1
SZR-BB 250	230	50/60	48	0,22	1450	890	61	н	54	2	5	BSC1
SZR-BB 300	230	50/60	50	0,23	1325	1150	65	н	54	2,7	5	BSC1

Axial Exhaust Fans – Dimensions (mm)

Model	A (±2)	В	С	D	E
SZR 160	100	162	148	236	5
SZR 200	100	202	178	282	5
SZR 250	100	252	234	332	5
SZR 300	100	302	284	380	5









SZR-K AXIAL LOUVERED EXTRACT FAN

Provides high-efficiency airflow thanks to its optimized blade angles. Easily mounted on window or wall surfaces. Its louvered design prevents dust, rain, air, and other unwanted elements from entering from the outside. Operates at low noise levels to deliver maximum comfort to the user.



model	v	Hz	w	А	rpm	m³/h	dB	ls.cl	IP	kg	AD
SZR-K160	230	50/60	32	0,14	2500	450	50	н	54	1,8	5
SZR-K200	230	50/60	35	0,15	1550	780	53	н	54	2,1	5
SZR-K250	230	50/60	48	0,22	1450	890	61	н	54	2,8	5
SZR-K300	230	50/60	50	0,23	1325	1150	65	н	54	3,4	5

ТІР	A(±2)	В	С	D	E
SZR-K160	100	162	148	236	5
SZR-K200	100	202	178	282	5
SZR-K250	100	252	234	332	5
SZR-K300	100	302	284	380	5







SZR-DRAX AXIAL FANS

Delivers high airflow despite its compact size, thanks to its specially designed impeller geometry. Its optimized aerodynamic structure ensures maximum performance at low noise levels, enhancing operational efficiency.



ТІР	v	Hz	w	А	rpm	m³/h	dB	Is.cl	IP	kg	AD
SZR-DRAX 200-2K	230	50	63	0,28	2750	680	50	В	44	2	5
SZR-DRAX 200-4K	230	50	55	0,26	1450	407	40	В	44	2,2	5
SZR-DRAX 250-2K	230	50	100	0,5	2600	1120	52	В	44	2,5	5
SZR-DRAX 250-4K	230	50	55	0,28	1400	760	41	В	44	2,7	5
SZR-DRAX 300-2K	230	50	140	0,6	2600	2070	52	В	44	3,5	5
SZR-DRAX 300-4K	230	50	65	0,29	1360	1410	47	В	44	3,8	5
SZR-DRAX 350-2K	230	50	200	0,9	2500	3110	52	В	44	5	5
SZR-DRAX 350-4K	230	50	75	0,32	1330	2340	52	В	44	5,3	5





TİP	А	В	С	D	E	F	G
SZR-DRAX 200-2K	284	95	200	189	229	14	58
SZR-DRAX 200-4K	284	95	200	189	229	14	58
SZR-DRAX 250-2K	335	95	250	238	284	14	58
SZR-DRAX 250-4K	335	95	250	238	284	14	58
SZR-DRAX 300-2K	390	95	300	288	332	14	58
SZR-DRAX 300-4K	390	95	300	288	332	14	58
SZR-DRAX 350-2K	427	100	350	338	398	2	58
SZR-DRAX 350-4K	427	100	350	338	398	2	58





SZR-DRAX AXIAL FANS



Despite its compact design, it delivers high airflow thanks to its specially engineered impeller structure, achieving this with minimal noise levels.

TİP	v	Hz	w	A	rpm	m³/h	dB	Is.cl	IP	kg	AD
SZR-DRAX 200-2K	230	50	63	0,28	2750	680	50	В	44	2	5
SZR-DRAX 200-4K	230	50	55	0,26	1450	407	40	В	44	2,2	5
SZR-DRAX 250-2K	230	50	100	0,5	2700	1500	55	В	44	2,7	5
SZR-DRAX 250-4K	230	50	55	0,28	1400	760	41	В	44	2,7	5
SZR-DRAX 300-2K	230	50	140	0,6	2600	2020	57	В	44	3,5	5
SZR-DRAX 300-4K	230	50	65	0,29	1360	1410	47	В	44	3,5	5
SZR-DRAX 350-2K	230	50	200	0,9	2500	3110	62	В	44	4,6	5
SZR-DRAX 350-4K	230	50	75	0,32	1330	2340	52	В	44	4,6	5





ТІР	А	В	с	D	E	F	G
SZR-DRAX-K 200-2K	300	242	95	200	50	8	12
SZR-DRAX-K 200-4K	300	242	95	200	50	8	12
SZR-DRAX-K 250-2K	333	275	80	261	50	8	10
SZR-DRAX-K 250-4K	333	275	80	261	50	8	10
SZR-DRAX-K 300-2K	412	336	80	307	50	8	10
SZR-DRAX-K 300-4K	412	336	80	307	50	8	10
SZR-DRAX-K 350-2K	560	480	105	462	50	8	10
SZR-DRAX-K 350-4K	560	480	105	462	50	8	10





SZR-ORAX Axial Duct Fans

An excellent solution for applications that demand high airflow despite space constraints. Its special design enables it to achieve high air volumes with minimal noise. Ideal for ventilation in both residential and industrial spaces.



TİP	v	Hz	w	A	rpm	m³/h	dB	ls.cl	IP	kg	Н.К.
SZR-RAX 200-2K	230	50	63	0,28	2750	680	50	В	44	2,7	BSC1
SZR-RAX 250-2K	230	50	100	0,5	2700	1500	55	В	44	3,6	BSC1
SZR-RAX 300-2K	230	50	140	0,6	2600	2020	57	В	44	4,6	BSC1
SZR-RAX 350-2K	230	50	200	0,9	2050	3110	62	В	44	5,6	BSC1







TİP	А	В
SZR-RAX 200-2K	200	200
SZR-RAX 250-2K	250	250
SZR-RAX 300-2K	300	250
SZR-RAX 350-2K	355	250







Electrostatic Cell Fans

HIGH-PERFORMANCE FANS DESIGNED TO EFFECTIVELY REMOVE AIRBORNE PARTICLES, DUST, AND FUMES IN ENCLOSED INDUSTRIAL AND COMMERCIAL SPACES. IDEAL FOR HVAC SYSTEMS REQUIRING MODULAR INTEGRATION AND CONTINUOUS AIRFLOW MANAGEMENT.

ADVANCED ELECTROSTATIC FILTRATION UNITS INTEGRATED WITH FAN SYSTEMS, DESIGNED TO CAPTURE FINE PARTICLES, SMOKE, AND OIL VAPORS. WIDELY USED IN COMMERCIAL KITCHENS, INDUSTRIAL EXHAUST LINES, AND AIR PURIFICATION SYSTEMS WHERE HIGH-EFFICIENCY AIR CLEANING IS REQUIRED.











ELECTROSTATIC CELL FANS – UNIT DIMENSIONS (MM



CAPACITY VALUES

Model	(mm)	(V/Hz)	(HP)	(kW)	(A)	RPM	(m³/h)	(Pa)
SZR-FBHS-3500	280	380 / 50	2	1:5	35	1400	3500	400
SZR-FBHS-3500	315	380 / 50	3	2:2	66	1400	5000	400
SZR-FBHS-3500	355	380 / 50	55	4	82	1400	7500	400
SZR-FBHS-3500	400	380 / 50	75	5:5	112	1400	10000	400
SZR-FBHS-3500	450	380 / 50	10	7:5	154	1400	15000	400
SZR-FBHS-3500	500	380 / 50	15	11	210	1400	22500	400





LOW-PRESSURE RADIAL INDUSTRIAL FANS



APPLICATIONS

RADIAL FANS ARE DESIGNED FOR EXTRACTING CLEAN OR DUSTY AIR. THEY ARE WIDELY USED IN THE FOLLOWING APPLICATIONS:

- BARNS AND LİVESTOCK SHELTERS
- MİNES AND TUNNELS
- STEAM BOILER ROOMS
- SILOS AND STORAGE AREAS
- GENERAL INDUSTRIAL VENTILATION

THANKS TO THEIR ROBUST CONSTRUCTION, HIGH ENERGY EFFICIENCY, AND RELIABLE PERFORMANCE, THEY ARE AMONG THE MOST PREFERRED FAN TYPES IN INDUSTRIAL FACILITIES.





TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

- CASING MATERIAL: ST37 SHEET STEEL
- FAN (IMPELLER) MATERIAL: ST37 SHEET STEEL
- MOTOR TYPE: IE2 EFFICIENCY CLASS
- PROTECTION CLASS: IP55
- OPERATING TEMPERATURE: MAXIMUM 90°C
- DRİVE TYPE: DİRECT-COUPLED MOTOR
- PERFORMANCE: HIGH EFFICIENCY AND LOW NOISE LEVEL

model	v	Hz	w	А	rpm	m³/h	dB	ls.cl	IP	kg	Н.К.
SZR-ALR-1 M	230	50	0,37	2,1	1400	2000	-	F	55	27,2	-
SZR-ALR-2 M	230	50	0,75	3,3	1400	3500	-	F	55	33,9	-
SZR-ALR-3 M	230	50	1,1	5,4	1400	4500	-	F	55	40,8	-
SZR-ALR-4 M	230	50	1,5	9,8	1400	5500	-	F	55	50,7	-
SZR-ALR-5 M	230	50	2,2	14	1400	7000	-	F	55	63	-
SZR-ALR-6 M	230	50	3	20	1400	8000	-	F	55	66	-
SZR-ALR-1 T	380	50	0,37	0,87	1400	2000	-	F	55	27,2	BSCF10M
SZR-ALR-2 T	380	50	0,75	1,6	1400	3500	-	F	55	33,9	BSCF10M
SZR-ALR-3 T	380	50	1,1	1,92	1400	4500	-	F	55	40,8	BSCF15M
SZR-ALR-4 T	380	50	1,5	3,5	1400	5500	-	F	55	50,7	BSCF15M
SZR-ALR-5 T	380	50	2,2	4,9	1400	7000	-	F	55	63	BSCF22M
SZR-ALR-6 T	380	50	3	6,7	1400	8000	-	F	55	66	BSCF30T
SZR-ALR-7 T	380	50	4	8,4	1400	9000	-	F	55	69,8	BSCF40T
SZR-ALR-8 T	380	50	5,5	11,5	1400	12000	-	F	55	97,4	BSCF55T
SZR-ALR-9 T	380	50	7,5	16	1400	14000	-	F	55	120,6	BSCF75T







LOW-PRESSURE FANS - CASING DIMENSIONS (MM)

mode	А	В	B1	С	D	E	F	G	G1
SZR-ALR-1	555	225	165	395	n165	320	410	255	195
SZR-ALR-2	585	245	185	415	n200	360	505	310	250
SZR-ALR-3	695	270	210	445	n240	390	530	320	260
SZR-ALR-4	735	285	225	515	n260	415	595	340	280
SZR-ALR-5	795	295	235	545	n300	435	630	365	305
SZR-ALR-6	795	295	235	545	n320	460	630	365	305
SZR-ALR-7	905	300	240	545	n350	480	665	425	365
SZR-ALR-8	940	330	270	635	n400	530	785	490	430
SZR-ALR-9	1205	415	355	720	n400	580	875	595	535







MEDIUM-PRESSURE RADIAL FANS





RADIAL FANS – MEDIUM-PRESSURE SERIES

DÖROTATION DIRECTION:

- R (RİGHT): CLOCKWISE ROTATION WITH RIGHT-HANDED SCROLL CASING
- L (LEFT): COUNTERCLOCKWISE ROTATION WITH LEFT-HANDED SCROLL CASING

TECHNICAL SPECIFICATIONS:

- GÖCASİNG MATERİAL: ST37 SHEET STEEL
- FAN (IMPELLER): ST37 SHEET STEEL
- MOTOR TYPE: IE2 EFFICIENCY CLASS
- PROTECTION CLASS: IP55
- OPERATING TEMPERATURE: MAXIMUM 90°C
- DRIVE TYPE: DIRECT-COUPLED MOTOR
- FEATURES: HIGH EFFICIENCY & LOW NOISE LEVEL

APPLICATIONS:

THESE FANS ARE SUITABLE FOR THE SUCTION OF CLEAN OR DUST-LADEN AIR. MAIN APPLICATIONS INCLUDE:

- BARN VENTILATION
- MINING FACILITIES
- TUNNELS
- STEAM BOILERS
- SİLOS
- OTHER INDUSTRIAL ENVIRONMENTS REQUIRING RELIABLE AIRFLOW

THANKS TO THEIR HIGH PERFORMANCE AND ENERGY EFFICIENCY, THESE FANS ARE AMONG OUR MOST PREFERRED PRODUCTS.

MEDIUM-PRESSURE RADIAL FANS – PERFORMANCE CHARACTERISTICS

model	v	Hz	kW	А	rpm	m³/h	dB	ls.cl	IP	kg	Н.К.
SZR-ORB 5M	230	50	2,2	13,5	2800	1900	-	F	55	44,4	-
SZR-ORB 6M	230	50	3	17,7	2800	2200	-	F	55	55,5	-
SZR-ORB 1T	380	50	0,37	1,05	2800	950	-	F	55	22,5	BSCF10M
SZR-ORB 2T	380	50	0,75	1,75	2800	1000	-	F	55	31,7	BSCF10M
SZR-ORB 3T	380	50	1,1	2,3	2800	1300	-	F	55	34,1	BSCF15M
SZR-ORB 4T	380	50	1,5	3,3	2800	1600	-	F	55	41,2	BSCF15M
SZR-ORB 5T	380	50	2,2	4,5	2800	1900	-	F	55	44,4	BSCF22M
SZR-ORB 6T	380	50	3	5,8	2800	2200	-	F	55	55,5	BSCF30T
SZR-ORB 7T	380	50	4	7,9	2800	2500	-	F	55	63,8	BSCF40T
SZR-ORB 8T	380	50	5,5	10,3	2800	3000	-	F	55	84,5	BSCF55T
SZR-ORB 9T	380	50	7,5	13,6	2800	4000	-	F	55	97,9	BSCF75T





MEDIUM-PRESSURE FANS - CASING DIMENSIONS (MM)

model	А	в	с	D	E	F	G
SZR-ORB 1	425	160	340	120	100	80	360
SZR-ORB 2	560	190	340	120	100	95	485
SZR-ORB 3	575	190	340	150	100	105	500
SZR-ORB 4	630	210	390	150	120	115	550
SZR-ORB 5	665	210	390	150	150	120	550
SZR-ORB 6	665	250	390	150	150	120	550
SZR-ORB 7	755	250	450	150	150	145	660
SZR-ORB 8	785	300	450	200	150	190	700
SZR-ORB 9	815	300	450	200	150	195	730















MEDIUM-PRESSURE FANS - CASING DIMENSIONS (IN MM)

model	А	В	с	D	E	F	G
SZR-ORB 1	425	160	340	120	100	80	360
SZR-ORB 2	560	190	340	120	100	95	485
SZR-ORB 3	575	190	340	150	100	105	500
SZR-ORB 4	630	210	390	150	120	115	550
SZR-ORB 5	665	210	390	150	150	120	550
SZR-ORB 6	665	250	390	150	150	120	550
SZR-ORB 7	755	250	450	150	150	145	660
SZR-ORB 8	785	300	450	200	150	190	700
SZR-ORB 9	815	300	450	200	150	195	730







SZR-YB HIGH-PRESSURE RADIAL FANS

GENERATES HIGH PRESSURE EVEN AT LOW AIRFLOW RATES. THE FAN BLADES ARE ARRANGED RADIALLY ON THE REAR PLATE OF THE IMPELLER. IT CAN BE SAFELY USED FOR THE TRANSFER OF FINE MATERIALS (SUCH AS MARBLE DUST, GRANULES, PLASTIC, ETC.), AS WELL AS IN THE VENTILATION PROCESSES OF PRINTING HOUSES, PAPER, FURNITURE, TIMBER, CHIPBOARD, CERAMIC, AND MARBLE FACTORIES.



model	v	Hz	kW	Α	rpm	m³/h	dB	Is.cl	IP	kg	H.K.
SZR-YB-5 M	230	50	2,2	13,5	2800	600	-	F	55	57	-
SZR-YB-6 M	230	50	3	17,7	2800	1000	-	F	55	61	-
SZR-YB-1 T	380	50	0,37	1,05	2800	350	-	F	55	20,3	BSCF10M
SZR-YB-2 T	380	50	0,75	1,75	2800	400	-	F	55	27,2	BSCF10M
SZR-YB-3 T	380	50	1,1	2,3	2800	450	-	F	55	40,8	BSCF15M
SZR-YB-4 T	380	50	1,5	3,3	2800	500	-	F	55	46,5	BSCF15M
SZR-YB-5 T	380	50	2,2	4,5	2800	600	-	F	55	57	BSCF22M
SZR-YB-6 T	380	50	3	5,8	2800	1000	-	F	55	61	BSCF30T
SZR-YB-7 T	380	50	4	7,9	2800	1200	-	F	55	68	BSCF40T
SZR-YB-8 T	380	50	5,5	10,3	2800	1500	-	F	55	107	BSCF55T
SZR-YB-9 T	380	50	7,5	13,6	2800	1500	-	F	55	135	BSCF75T
ТІР	А		В	(D		Е		F	G
C7D VD 1			aro.	2	20	6120		<u> </u>		10	465
SZR-YB-1	500		Ø50	27	/0	Ø120		60		210	465
SZR-YB-2	530		Ø50	29	0	Ø120		60	2	210	550
SZR-YB-3	600		Ø50	29	00	Ø130		60	2	210	600
SZR-YB-4	630		Ø50	32	20	Ø130		60	2	250	650
SZR-YB-5	680		Ø60	36	50	Ø130		65	2	90	670
SZR-YB-6	720		Ø70	40	00	Ø130		75	3	20	700
SZR-YB-7	810		Ø70	44	łO	Ø130		75	3	60	755
SZR-YB-8	880		Ø70	48	30	Ø130		75	4	00	780
SZR-YB-9	900		Ø85	52	20	Ø180		90	4	40	870





BELT-DRIVEN AXIAL FANS





APPLICATIONS:

PRODUCT DESCRIPTION & APPLICATIONS

THIS INDUSTRIAL FAN SERIES IS SPECIALLY DESIGNED FOR THE EXTRACTION AND CONVEYING OF DUST, SMOKE, GRANULES, FINE SAWDUST, COARSE WOOD CHIPS, AND SIMILAR PARTICLES, EXCLUDING FIBROUS MATERIALS.

IT IS WIDELY USED IN WOOD WORKSHOPS, MACHINERY AND METAL INDUSTRIES, CEMENT PLANTS, CERAMIC FACILITIES, TANNERIES, FOUNDRIES, AND FLOUR MILLS. IN GENERAL, IT IS IDEAL FOR ALL INDUSTRIAL APPLICATIONS WHERE THE EFFICIENT TRANSPORT OF DUST-LADEN AIR IS REQUIRED.

TECHNICAL SPECIFICATIONS

- CASING MATERIAL: HIGH-QUALITY ST37 SHEET STEEL
- IMPELLER: PRECISELY FORMED ST37 SHEET STEEL BLADES •
- MOTOR TYPE: IE2 HIGH-EFFICIENCY ELECTRIC MOTOR

BELT-DRIVEN AXIAL FANS - TECHNICAL SPECIFICATIONS

PROTECTION CLASS: IP55 - PROTECTED AGAINST DUST AND WATER JETS

L-270

- MAXIMUM OPERATING TEMPERATURE: UP TO 120°C
- DRIVE SYSTEM: BELT AND PULLEY TRANSMISSION
- CONNECTION TYPE: HIGH-PERFORMANCE COUPLINGS
- NOISE LEVEL: LOW-NOISE OPERATION SUITABLE FOR INDUSTRIAL ENVIRONMENTS •

Model	(m³/h)	(Pa)	(kW)	(Hz)	(V)	(rpm)
SZR-KK-30	2000	300	55	50	380	1450
SZR-KK-35	3:500	400	75	50	380	1450
SZR-KK-40	4:500	430	110	50	380	1450
SZR-KK-45	6,5	450	150	50	380	1450
SZR-KK-50	8	500	220	50	380	1450
SZR-KK-55	12,5	650	400	50	380	1450
SZR-KK-60	16	800	550	50	380	1450
SZR-KK-70	25	1,1	1.100	50	380	1450
SZR-KK-80	40	1,5	2.200	50	380	1450
SZR-KK-90	50	2	3.700	50	380	1450
SZR-KK-100	70	2,5	4.500	50	380	1450

BELT-DRİVEN AXİAL FANS – CAPACİTY TABLE





BELT-DRIVEN CENTRIFUGAL FANS – GENERAL DIMENSIONS

Model	A	A1	В	B1	С	D	E
SZR-KK-30	653	626	536	511	661	240	300
SZR-KK-35	708	667	564	551	701	250	350
SZR-KK-40	837	778	656	601	751	270	400
SZR-KK-45	933	845	701	616	766	290	450
SZR-KK-50	1030	899	775	676	826	310	500
SZR-KK-55	1150	992	864	715	865	325	560
SZR-KK-60	1288	1087	967	765	915	350	630
SZR-KK-70	1288	1090	967	805	955	395	710
SZR-KK-80	1530	1356	1165	1047	1197	439	800
SZR-KK-90	1850	1640	1340	1210	1360	492	900
SZR-KK-100	1850	1640	1340	1240	1390	548	1000

BELT-DRIVEN FANS – DISCHARGE PORT DIMENSIONS

Model	F	G	н	F1	G1	H1	I.	i	Q
SZR-KK-25	135	135	171	201	201	171	27,5	27,5	9,5
SZR-KK-30	140	140	176	206	206	176	27,5	27,5	9,5
SZR-KK-35	150	150	186	216	216	186	27,5	27,5	9,5
SZR-KK-40-3	150	150	186	216	216	186	27,5	27,5	9,5
SZR-KK-40-4	200	280	236	266	346	316	27,5	27,5	9,5
SZR-KK-45	200	280	236	266	346	316	27,5	27,5	9,5
SZR-KK-50	225	330	261	291	396	366	27,5	27,5	9,5
SZR-KK-52	300	350	336	366	416	386	27,5	27,5	9,5
SZR-KK-55	310	365	342	376	431	392	27,5	27,5	9,5
SZR-KK-60	325	380	355	391	446	405	27,5	27,5	9,5
SZR-KK-62	335	390	362	401	456	412	27,5	27,5	9,5
SZR-KK-65	345	400	370	411	466	420	27,5	27,5	9,5







Industrial Water Filters

Technical Specifications

- Casing Material: ST37 black steel sheet
- Operating Temperature: Maximum 180°C
- Filters: Activated carbon odor control filter and G2 metal grease & dust filter
- Additional Feature: Integrated water spray nozzles for enhanced cleaning and air treatment





SEZER HAVALANDIRM

SuApplications

Water-based filters are ventilation systems designed for establishments such as restaurants and bars where unpleasant odors may occur, without the use of chemicals. They prevent the spread of unwanted smells in high-traffic areas like shopping malls, ensuring a healthier indoor environment and improved air quality.

Water Filter Casings – Dimensional Specifications

Model	Hava Debisi (m³/h)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SZR-SF-2	2	1,2	600	600	200	550
SZR-SF-3	3	1,4	700	700	250	650
SZR-SF-4	4	1,4	700	750	350	700
SZR-SF-5	5	1,5	750	750	400	700
SZR-SF-6	6	1,6	750	800	450	750
SZR-SF-7	7	1,6	800	800	450	750
SZR-SF-8	8	1,8	900	900	500	850
SZR-SF-9	9	2	900	900	600	850
SZR-SF-10	10	2	900	1	600	950
SZR-SF-12	12	2	1	1,2	650	1,15
SZR-SF-15	15	2,2	1,1	1,25	650	1,2
SZR-SF-17	17	2,4	1,25	1,25	700	1,2
SZR-SF-20	20	2,5	1,25	1,25	800	1,2
SZR-SF-25	25	3	1,4	1,4	900	1,35
SZR-SF-30	30	3	1,5	1,5	950	1,45





Double Inlet Low-Pressure Radial Fans – Forward Curved

ÇifDouble Inlet Low-Pressure Radial Fans - Forward Curved

- Airflow range: from 700 m³/h to 25,000 m³/h
- Offered in standard sizes for easy integration and consistent performance.
- Designed to achieve maximum efficiency, ensuring low energy costs and quiet operation.
- SZR-K reinforced models provide additional mechanical strength for demanding operating conditions.



Double Inlet Forward Curved Centrifugal Fans

Model	(m³/saat)	(kg)
SZR 10/10	6,5	10
SZR 12/12	10	16
SZR 15/15	16	21
SZR 18/18	22	41



Dimensions

Molde	Genişlik (A)	Yükseklik (B)	Derinlik (C)	Gövde Derinliği (D)	Flanş Ø (F)
BRV 10/10	435	455	290	250	445
BRV 12/12	498	535	336	292	520
BRV 15/15	597	620	402	341	610
BRV 18/18	687	753	477	411	732



W

2025 PRODUCT CATALOG

0

Zafer Mahallesi Çiftlik Sokak No:7 Buca / İzmir/Türkiye
 +90 553 284 03 71 +90 232 459 81 02
 www.sezerhavalandirma.com

SEZER





