

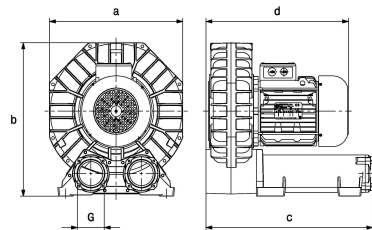
Model 50Hz

Lateral Channel Blowers - Compressors 50Hz

Performance Data [50Hz] (1)																											
Δp [hPa]	0		50		100		150		200		250		300		350		400		500		600		Blower Model	Maximum Pressure [hPa]	Capacity [m ³ /h]	Installed Power [kW]	
	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]	Capacity [m ³ /h]	Installed Power [kW]					
SINGLE STAGE	X1.08	80	0,4	59	0,4	31	0,4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130	10	0,4	
	X1.10	94	0,55	73	0,55	48	0,55	21	0,55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	15	0,55	
	X1.13	141	0,85	113	0,85	85	0,85	57	0,85	30	1,3	-	-	-	-	-	-	-	-	-	-	-	-	200	30	1,3	
	X1.21	213	1,5	179	1,5	145	1,5	111	1,5	77	2,2	43	2,2	-	-	-	-	-	-	-	-	-	-	-	270	29	2,2
	X1.32	326	2,2	288	2,2	250	2,2	212	2,2	175	2,2	137	3,0	99	4,0	-	-	-	-	-	-	-	-	-	325	80	4,0
	X1.40	420	4,0	392	4,0	363	4,0	335	4,0	306	4,0	278	5,5	249	5,5	221	7,5	192	7,5	-	-	-	-	-	400	192	7,5
	X1.50	517	5,5	488	5,5	458	5,5	429	5,5	399	7,5	370	7,5	340	7,5	311	9,2	281	9,2	-	-	-	-	-	425	266	11,0
	X1.70	717	7,5	681	7,5	645	7,5	609	7,5	573	7,5	538	7,5	502	9,2	466	11,0	430	11,0	-	-	-	-	-	450	394	15,0
	X1.85	850	7,5	812	7,5	774	7,5	736	7,5	698	9,2	660	11,0	622	11,0	584	15,0	546	15,0	-	-	-	-	-	450	508	15,0
	D1.140	1363	11,0	1295	11,0	1227	11,0	1158	11,0	1090	15,0	1022	15,0	954	18,5	885	22,0	817	22,0	-	-	-	-	-	400	817	22,0
D1.170	1615	15,0	1543	15,0	1471	15,0	1398	15,0	1326	18,5	1254	22,0	1182	22,0	-	-	-	-	-	-	-	-	-	300	1182	22,0	
DOUBLE STAGE	X2.05	52	0,55	46	0,55	40	0,55	34	0,55	28	0,55	22	0,55	16	0,55	-	-	-	-	-	-	-	-	300	16	0,55	
	X2.07	68	0,75	61	0,75	54	0,75	48	0,75	41	0,75	35	0,75	29	1,1	23	1,1	-	-	-	-	-	-	-	350	23	1,1
	X2.10	96	1,1	88	1,1	81	1,1	73	1,1	66	1,1	59	1,1	52	1,5	45	1,5	38	1,5	-	-	-	-	-	400	38	1,5
	X2.14	135	2,2	126	2,2	118	2,2	110	2,2	102	2,2	94	2,2	86	2,2	78	2,2	70	3,0	55	3,0	-	-	-	500	55	3,0
	X2.20	203	4,0	194	4,0	184	4,0	175	4,0	166	4,0	158	4,0	149	4,0	141	4,0	133	4,0	117	5,5	-	-	-	575	106	5,5
	X2.25	255	5,5	246	5,5	238	5,5	230	5,5	221	5,5	214	5,5	206	5,5	198	5,5	191	7,5	177	7,5	164	7,5	-	600	164	7,5
	X2.35	354	7,5	342	7,5	331	7,5	319	7,5	308	7,5	297	7,5	286	7,5	276	7,5	265	7,5	245	7,5	226	9,2	-	625	221	11,0
	X2.42	420	7,5	408	7,5	395	7,5	383	7,5	371	7,5	360	7,5	348	7,5	337	7,5	326	9,2	304	11,0	283	11,0	-	650	273	15,0
	D2.50	514	7,5	501	7,5	488	7,5	475	7,5	462	7,5	449	7,5	436	9,2	423	9,2	410	11,0	384	15,0	358	15,0	-	650	345	15,0
	D2.70	713	9,2	697	9,2	681	9,2	666	9,2	650	9,2	634	9,2	618	9,2	603	11,0	587	11,0	555	11,0	524	15,0	-	650	508	18,5
D2.85	846	11,0	829	11,0	813	11,0	796	11,0	779	11,0	763	15,0	746	15,0	729	15,0	713	18,5	679	22,0	646	22,0	-	600	646	22,0	

Note:
 (1) Performance data and curves refer to operative conditions to air at 15°C temperature and 1013 hPa (abs) pressure measured at inlet port.
 Tolerance on capacity value: +/-10%
 1hPa = 1 mbar

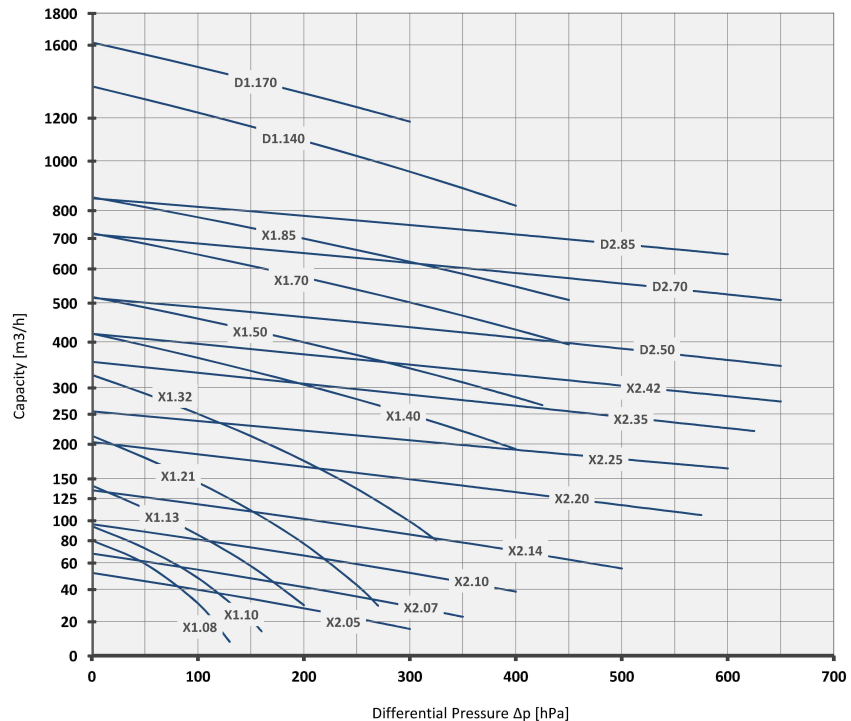
Overall Dimensions (2)



Blower Model		a	b	c	d	G
SINGLE STAGE	X1.08	246	247	229	256	G 1 ¼"
	X1.10	268	272	234	260	G 1 ¼"
	X1.13	285	302	240	294	G 1 ½"
	X1.21	334	337	298	346	G2"
	X1.32	382	384	333	432	G2"
	X1.40	424	475	506	453	G3"
	X1.50	454	490	506	453	G3"
	X1.70	495	534	604	558	G4"
	X1.85	523	565	604	558	G4"
	D1.14	495	605	935	852	G5"
D1.17	523	636	935	852	G5"	
DOUBLE STAGE	X2.05	270	297	325	280	G 1 ¼"
	X2.07	295	325	334	305	G 1 ¼"
	X2.10	332	366	347	318	G 1 ¼"
	X2.14	370	408	360	342	G 1 ¼"
	X2.20	424	475	506	453	G3"
	X2.25	454	490	506	453	G3"
	X2.35	495	534	604	558	G4"
	X2.42	523	565	604	558	G4"
	D2.50	454	490	637	679	G3"
	D2.70	495	534	783	852	G4"
	D2.85	523	565	783	852	G4"

(2) Dimensions in mm. Tolerance about dimensions according to ISO 2768-c.

Performance Curves [50Hz] (1)



Note:

- (1) Performance data and curves refer to operative conditions to air at 15°C temperature and 1013 hPa (abs) pressure measured at inlet port.
Tolerance on capacity value: +/-10%.
1hPa = 1 mbar

Model 50Hz

Lateral Channel Blowers - Exhausters 50Hz

Performance Data [50Hz] (1)

Blower Model		Performance Data [50Hz] (1)											Maximum Vacuum [hPa] Capacity [m³/h] Installed Power [kW]																				
		0		-50		-75		-100		-150		-200				-250		-300		-350		-400		-450									
		Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]	Capacity [m³/h]	Installed Power [kW]										
SINGLE STAGE	X1.08	80	0,4	58	0,4	42	0,4	23	0,4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-120	5	0,4						
	X1.10	94	0,55	71	0,55	58	0,55	42	0,55	5	0,55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-150	5	0,55				
	X1.13	141	0,85	112	0,85	96	0,85	79	0,85	43	0,85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-170	27	1,1				
	X1.21	213	1,5	177	1,5	158	1,5	137	1,5	93	1,5	43	1,5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-220	22	2,2			
	X1.32	326	2,2	286	2,2	265	2,2	242	2,2	193	2,2	137	2,2	75	3,0	-	-	-	-	-	-	-	-	-	-	-	-	-250	75	3,0			
	X1.40	420	4,0	390	4,0	374	4,0	357	4,0	320	4,0	278	4,0	231	5,5	177	5,5	-	-	-	-	-	-	-	-	-	-	-	-300	177	5,5		
	X1.50	517	5,5	486	5,5	469	5,5	452	5,5	413	5,5	370	5,5	321	7,5	266	7,5	-	-	-	-	-	-	-	-	-	-	-	-325	235	7,5		
	X1.70	717	7,5	679	7,5	659	7,5	637	7,5	591	7,5	538	7,5	479	7,5	411	9,2	333	11,0	-	-	-	-	-	-	-	-	-	-350	333	11,0		
	X1.85	850	7,5	810	7,5	788	7,5	766	7,5	716	7,5	661	9,2	598	9,2	526	11,0	444	15,0	-	-	-	-	-	-	-	-	-	-	-350	444	15,0	
	D1.140	1363	11,0	1291	11,0	1252	11,0	1212	11,0	1123	11,0	1023	15,0	910	15,0	781	18,5	-	-	-	-	-	-	-	-	-	-	-	-	-325	710	18,5	
D1.170	1615	15,0	1539	15,0	1498	15,0	1455	15,0	1361	15,0	1255	18,5	1136	22,0	999	22,0	-	-	-	-	-	-	-	-	-	-	-	-	-300	999	22,0		
DOUBLE STAGE	X2.05	52	0,55	45	0,55	42	0,55	38	0,55	30	0,55	22	0,55	12	0,55	-	-	-	-	-	-	-	-	-	-	-	-	-	-250	12	0,55		
	X2.07	68	0,75	61	0,75	57	0,75	53	0,75	45	0,75	35	0,75	25	0,75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-250	19	0,75	
	X2.10	96	1,1	88	1,1	84	1,1	79	1,1	70	1,1	59	1,1	48	1,1	35	1,5	-	-	-	-	-	-	-	-	-	-	-	-	-300	35	1,5	
	X2.14	135	2,2	126	2,2	121	2,2	116	2,2	105	2,2	94	2,2	81	2,2	66	2,2	50	2,2	-	-	-	-	-	-	-	-	-	-	-350	50	2,2	
	X2.20	203	4,0	193	4,0	188	4,0	182	4,0	170	4,0	158	4,0	144	4,0	128	4,0	112	4,0	94	4,0	-	-	-	-	-	-	-	-	-	-400	94	4,0
	X2.25	255	5,5	246	5,5	241	5,5	236	5,5	225	5,5	214	5,5	201	5,5	187	5,5	172	5,5	156	5,5	-	-	-	-	-	-	-	-	-	-425	148	7,5
	X2.35	354	7,5	342	7,5	335	7,5	328	7,5	313	7,5	297	7,5	279	7,5	260	7,5	238	7,5	214	7,5	187	7,5	-	-	-	-	-	-	-	-450	187	7,5
	X2.42	420	7,5	407	7,5	400	7,5	393	7,5	377	7,5	360	7,5	341	7,5	320	7,5	297	7,5	271	9,2	242	9,2	-	-	-	-	-	-	-	-450	242	9,2
	D2.50	514	7,5	500	7,5	493	7,5	485	7,5	468	7,5	449	7,5	428	7,5	403	9,2	375	9,2	342	11,0	-	-	-	-	-	-	-	-	-	-425	324	11,0
	D2.70	713	9,2	696	9,2	687	9,2	678	9,2	657	9,2	634	9,2	608	9,2	579	9,2	544	11,0	505	11,0	458	15,0	-	-	-	-	-	-	-	-450	458	15,0
D2.85	846	11,0	828	11,0	819	11,0	809	11,0	787	11,0	763	11,0	735	15,0	704	15,0	668	15,0	626	18,5	576	18,5	-	-	-	-	-	-	-	-	-450	576	18,5

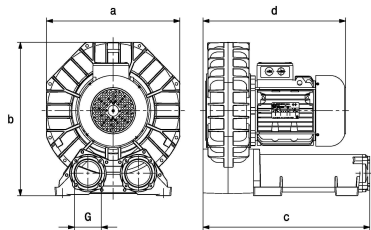
Note:

(1) Performance data and curves refer to operative conditions to air at 15°C temperature measured at inlet port and a pressure of 1013 hPa (abs) at outlet port.

Tolerance on capacity value: +/-10%.

1hPa = 1 mbar

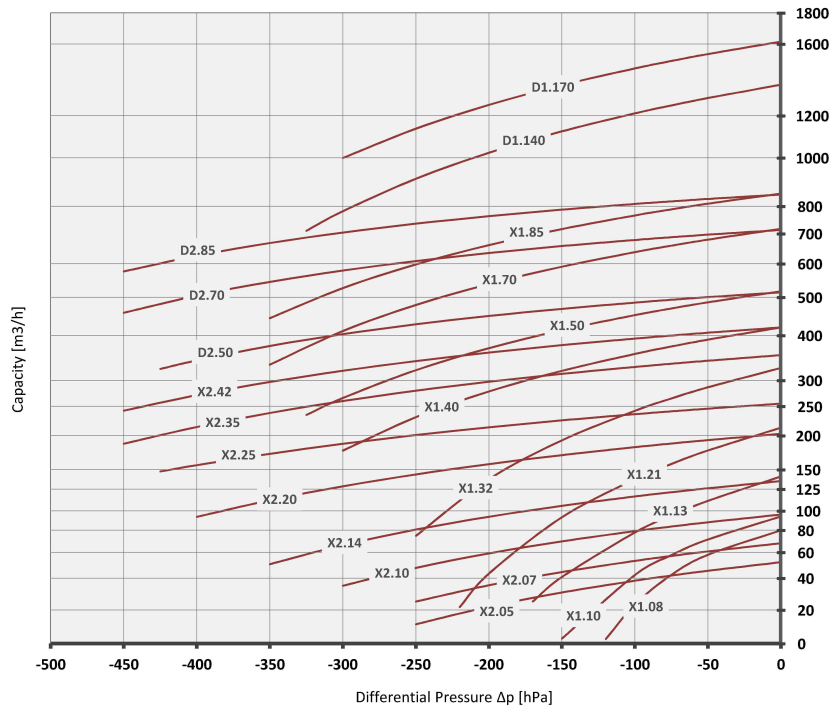
Overall Dimensions (2)



Blower Model	a	b	c	d	G	
SINGLE STAGE	X1.08	246	247	229	256	G 1 1/4"
	X1.10	268	272	234	260	G 1 1/4"
	X1.13	285	302	240	294	G 1 1/2"
	X1.21	334	337	298	346	G2"
	X1.32	382	384	333	432	G2"
	X1.40	424	475	506	453	G3"
	X1.50	454	490	506	453	G3"
	X1.70	495	534	604	558	G4"
	X1.85	523	565	604	558	G4"
	D1.140	495	605	935	852	G5"
D1.170	523	636	935	852	G5"	
DOUBLE STAGE	X2.05	270	297	325	280	G 1 1/4"
	X2.07	295	325	334	305	G 1 1/4"
	X2.10	332	366	347	318	G 1 1/4"
	X2.14	370	408	360	342	G 1 1/4"
	X2.20	424	475	506	453	G3"
	X2.25	454	490	506	453	G3"
	X2.35	495	534	604	558	G4"
	X2.42	523	565	604	558	G4"
	D2.50	454	490	637	679	G3"
	D2.70	495	534	783	852	G4"
D2.85	523	565	783	852	G4"	

(2) Dimensions in mm. Tolerance about dimensions according to ISO 2768-c.

Performance Curves [50Hz] (1)



Note:

- (2) Performance data and curves refer to operative conditions to air at 15°C temperature measured at inlet port and a pressure of 1013 hPa (abs) at outlet port. Tolerance on capacity value: +/-10%.
1hPa = 1 mbar