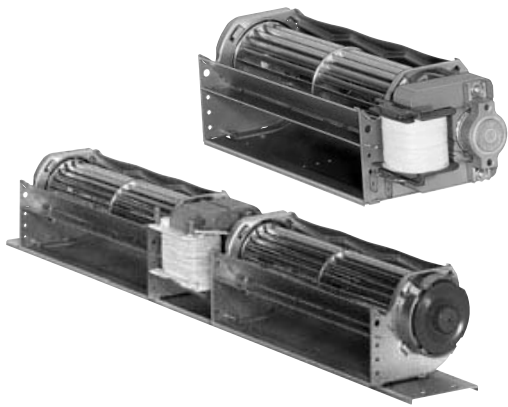




QLK45AC Series Crossflow Blower

120... 300mm x Ø 45mm Impeller

- Compact product line, impeller diameter 45 mm.
- Mounting position horizontal or vertical with motor at the bottom.
- Permissible ambient temperature 0-60° C.
- Insulation class B, class F or H on request.
- Minimum order quantity may apply.

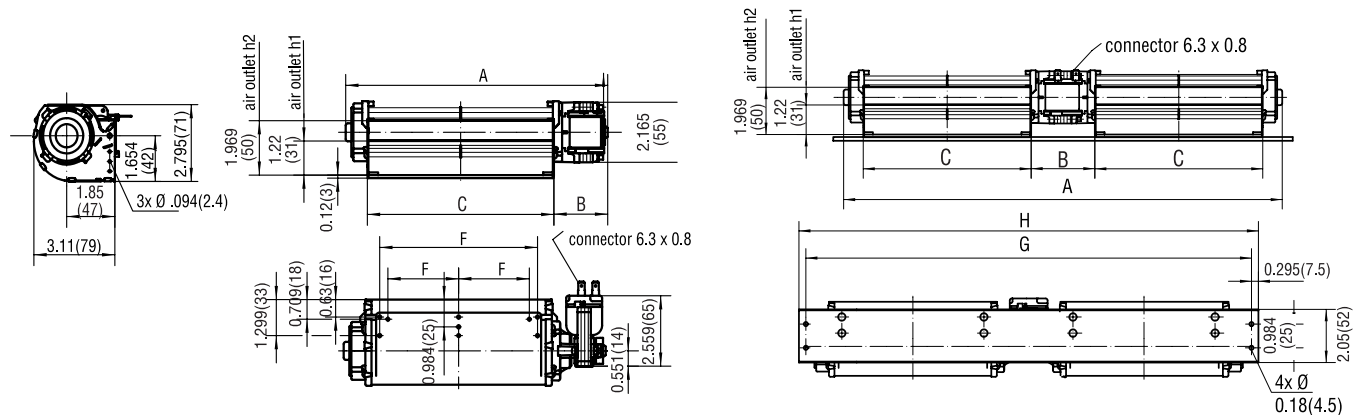
Part Number	Model Number	Motor Position (L/R)	VAC	Hertz	Airflow (CFM)*	Max. Static Pressure (Pa)	Power Input (W)*	Speed* (RPM)	Weight (lbs.)	Coil Position**	Insulation Class
***	QLK45/1200-2513LH	R	115	60	47	66	17	2,250	1.4	0	H
***	QLK45/0012-2513LH	L	115	60	47	66	17	2,250	1.4	0	H
55442.41010	QLK45/1800A156-2518LH-26LU	R	115	60	69	73	28	2,200	1.9	90	H
55442.45500	QLK45/0018A141-2518LH-86LU	L	115	60	69	73	28	2,200	1.9	0	H
55442.55062	QLK45/2400A13-2524L-35KX	R	115	60	107	83	41	2,100	2.4	0	B
55442.60082	QLK45/0024A14-2524L-34KX	L	115	60	107	83	41	2,100	2.4	0	B
55442.70170	QLK45/3000A31-3030LH-115AEP	R	115	60	133	88	40	2,100	3.2	90	H
55442.75051	QLK45/0030A10-3030L-26ZT	L	115	60	133	88	40	2,100	3.2	0	B
TWIN Series (double housing)											
55442.50190	QLK45/1818A19-3038L-62YY	M	115	60	160	80	50	2,200	5.0	0	B
55442.65051	QLK45/2424A5-3045L-45HV	M	115	60	187	88	62	2,050	5.5	180	B

* Data based on free delivery conditions. Subject to alterations.

** See Fig. 1 on page 234.

*** Contact application engineering for part number.

Model Number	Motor Position	A		B		C		E		F		G		H	
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
QLK45/1200-2513LH	R	7.87	200	2.17	55	4.80	122	3.70	94	-	-	-	-	-	-
QLK45/0012-2513LH	L	7.87	200	2.17	55	4.80	122	3.70	94	-	-	-	-	-	-
QLK45/1800A156-2518LH-26LU	R	10.43	265	2.36	60	7.17	182	6.06	154	2.72	69	-	-	-	-
QLK45/0018A141-2518LH-86LU	L	10.43	265	2.36	60	7.17	182	6.06	154	2.72	69	-	-	-	-
QLK45/2400A13-2524L-35KX	R	13.03	331	2.60	66	9.53	242	8.35	212	3.86	98	-	-	-	-
QLK45/0024A14-2524L-34KX	L	13.03	331	2.60	66	9.53	242	8.35	212	3.86	98	-	-	-	-
QLK45/3000A31-3030LH-115AEP	R	15.39	391	2.60	66	11.89	302	10.71	272	5.04	128	-	-	-	-
QLK45/0030A10-3030L-26ZT	L	15.39	391	2.60	66	11.89	302	10.71	272	5.04	128	-	-	-	-
QLK45/1818A19-3038L-62YY	M	19.37	492	3.19	81	7.17	182	-	-	-	-	19.49	495	20.08	510
QLK45/2424A5-3045L-45HV	M	24.41	620	3.50	89	9.53	242	-	-	-	-	24.41	620	25.00	635



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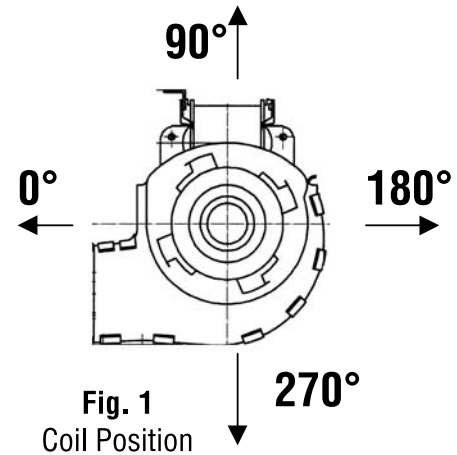
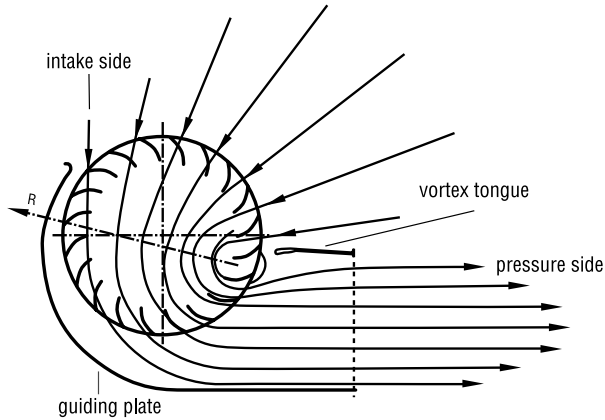
e-mail: sales@us.ebmpapst.com - TEL: 860-674-1515 - FAX: 860-674-8536

ebm-papst Inc., 100 Hyde Road, Farmington, CT 06034 USA

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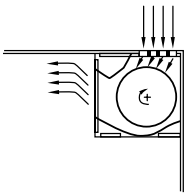
Crossflow Blower Installation Recommendations

Vortex stream through tangential blower

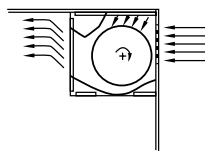


Mounting conditions for QL 4 series

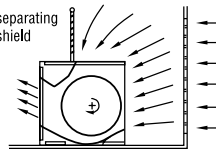
air intake from top,
covered backside



air intake from the
back, covered topside

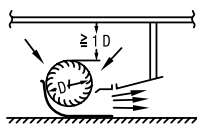
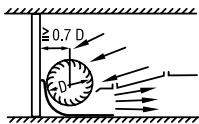


air intake from top and back

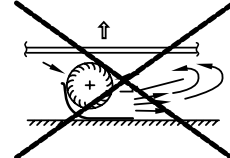
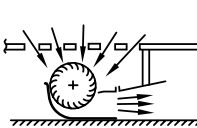
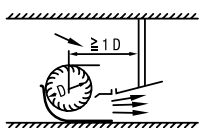
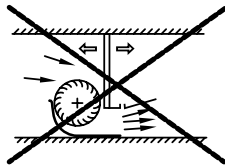


Mounting conditions on intake side QLK, QLZ, QLN

functional

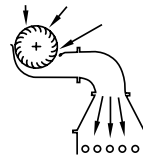
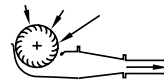
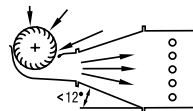


non functional

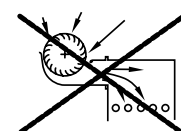
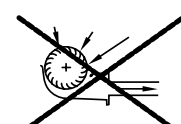
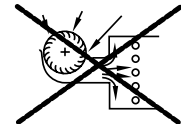


Mounting conditions on pressure side QLK, QLZ, QLN

functional

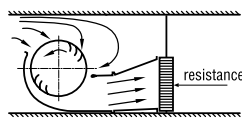


non functional



Separation of suction and pressure area

functional



non functional

