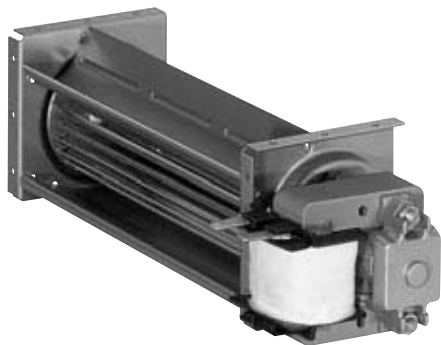




QL4AC Series

Crossflow Blower

100... 300mm x Ø 40mm Impeller

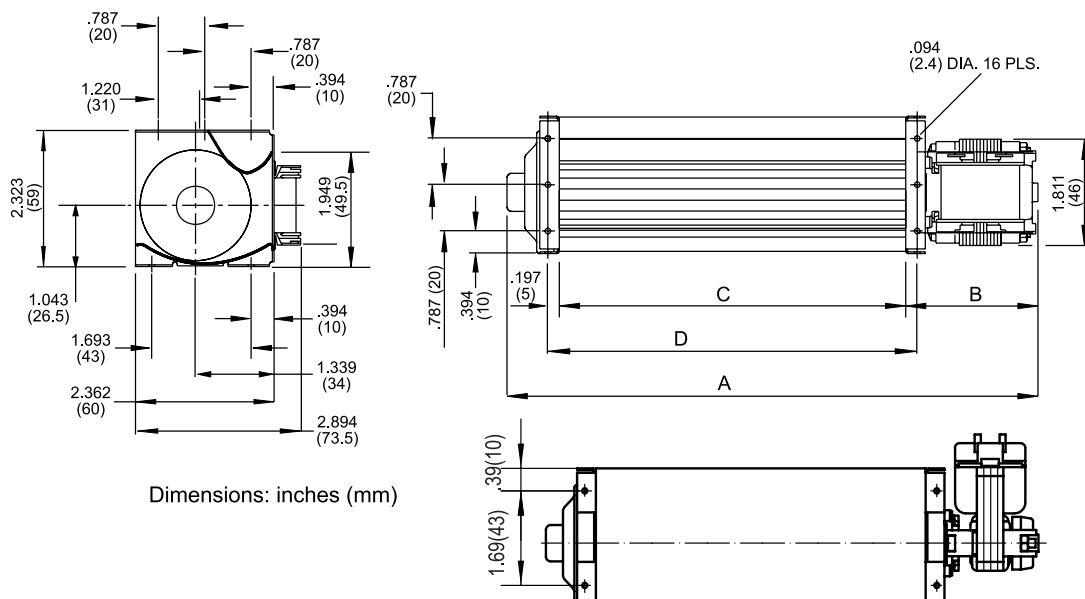
- Smallest product line, impeller diameter 40 mm.
- Airflow direction of 180° possible.
- Mounting position horizontal or vertical with motor at the bottom.
- Permissible ambient temperature 0-60° C.
- Insulation class B, class F or H on request.
- Minimum order quantity may apply.

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
55444.10000	QL4/1000-2112-4410000	R	115	60	19	13	6	2,100	1.0	0	A
55444.20000	QL4/1500-2112-4420000	R	115	60	29	13	12	2,100	1.1	0	A
55444.30000	QL4/2000-2118-412DR	R	115	60	48	14	11	2,300	1.3	0	A
55444.40000	QL4/2500-2118-4440000	R	115	60	54	15	12	2,000	1.4	0	A
55444.50000	QL4/3000-2124-410CB	R	115	60	71	15	18	2,200	1.8	0	A

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

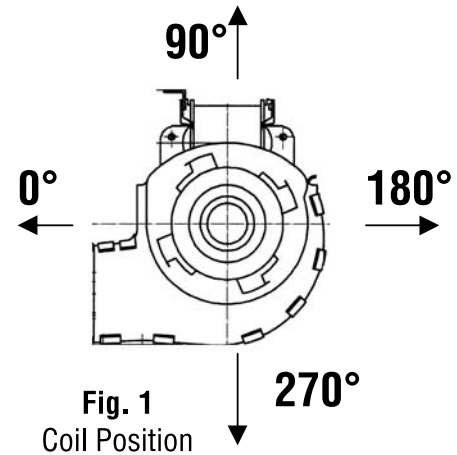
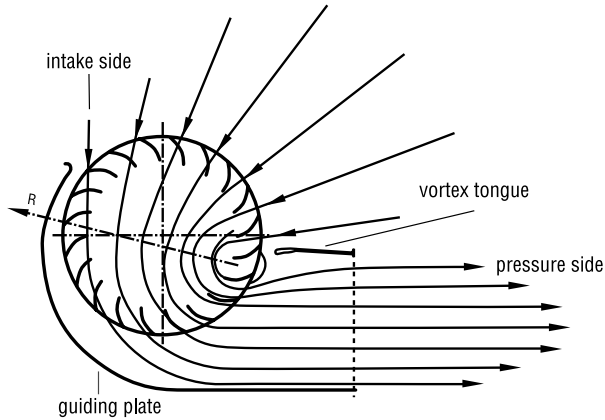
**See Fig. 1 on page 234

Model Number	Motor Position	A		B		C		D	
		inch	mm	inch	mm	inch	mm	inch	mm
QL4/1000-2112-4410000	R	6.93	176	2.01	51	3.94	100	4.33	110
QL4/1500-2112-4420000	R	8.90	226	2.01	51	5.91	150	6.30	160
QL4/2000-2118-4412DR	R	11.10	282	2.24	57	7.87	200	8.27	210
QL4/2500-2118-4440000	R	13.07	332	2.48	63	9.84	250	10.24	260
QL4/3000-2124-410CB	R	15.28	338	2.48	63	11.84	300	12.20	310



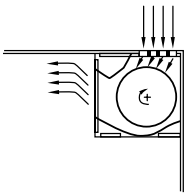
Crossflow Blower Installation Recommendations

Vortex stream through tangential blower

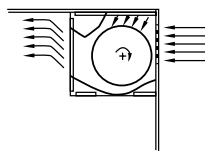


Mounting conditions for QL 4 series

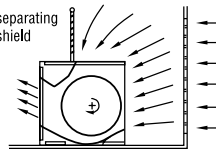
air intake from top,
covered backside



air intake from the
back, covered topside

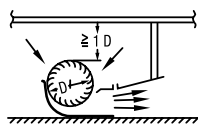
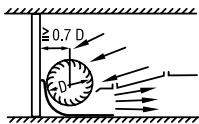


air intake from top and back

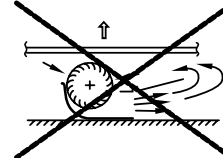
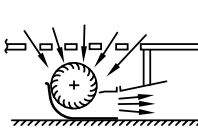
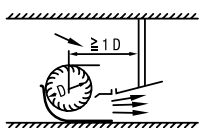
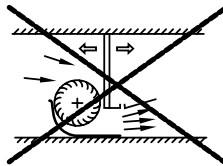


Mounting conditions on intake side QLK, QLZ, QLN

functional

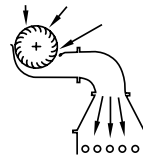
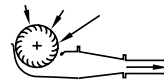
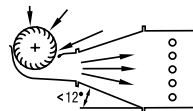


non functional

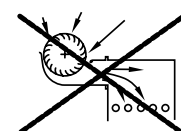
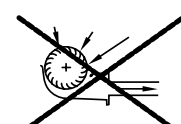
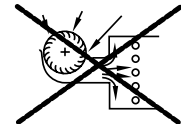


Mounting conditions on pressure side QLK, QLZ, QLN

functional

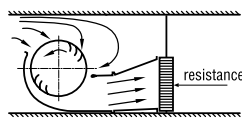


non functional



Separation of suction and pressure area

functional



non functional

