



QLN65DC Series Crossflow Blower

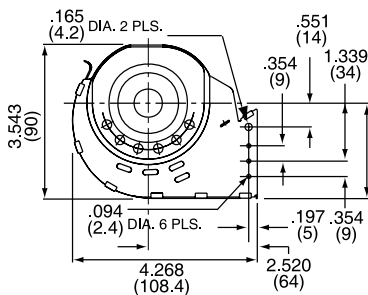
120... 180mm x Ø 65mm Impeller

- Crossflow blowers with electronically commutated EC-motors.
- Integrated electronics
- Protection class IP20, insulation class F.
- Permissible ambient temperature 0-60° C.
- Minimum order quantity may apply.

Part Number	Model Number	Motor Position (L/R)	VDC	Airflow (CFM)*	Max. Static Pressure (Pa)	Power Input (W)*	Speed* (RPM)	Weight (lbs.)	Insulation Class
55668.40000	QLN65/1200-2212	R	24	94	125	14	2,200	1.7	F
55668.40010	QLN65/0012-2212	L	24	94	125	14	2,200	1.7	F
55668.42030	QLN65/1800-2212	R	24	124	110	16	1,850	1.8	F
55668.42040	QLN65/0018-2212	L	24	124	110	16	1,850	1.8	F

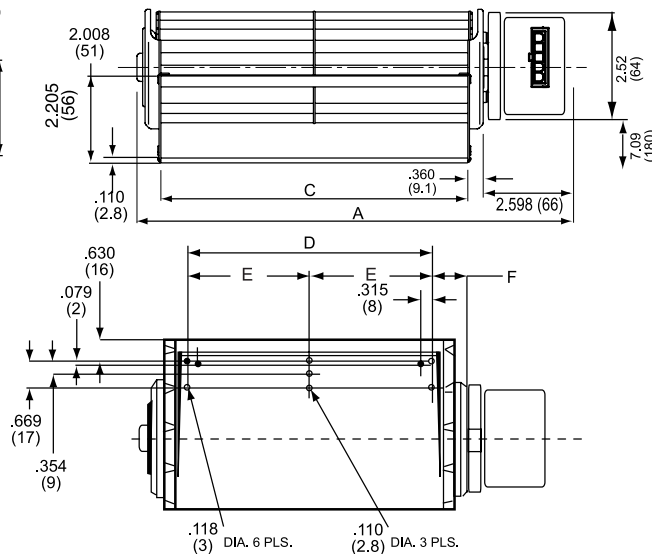
* Data based on free delivery conditions. Subject to alterations.

Model Number	Motor Position	A		C		D		E		F	
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
QLN65/1200-2212	R	7.72	196	4.80	122	3.70	94	n/a	n/a	0.87	22.2
QLN65/0012-2212	L	7.72	196	4.80	122	3.70	94	n/a	n/a	0.87	22.2
QLN65/1800-2212	R	10.47	266	7.17	182	6.06	154	3.03	77	0.87	22.2
QLN65/0018-2212	L	10.47	266	7.17	182	6.06	154	3.03	77	0.87	22.2



Dimensions: inches (mm)

All data subject to change without notice



U_B 18...26.4 VDC
Hall Sensor OUT
Signal GND
PWM Input 1-6 kHz
GND
suitable for connector Molex Mini-Fit, Jr

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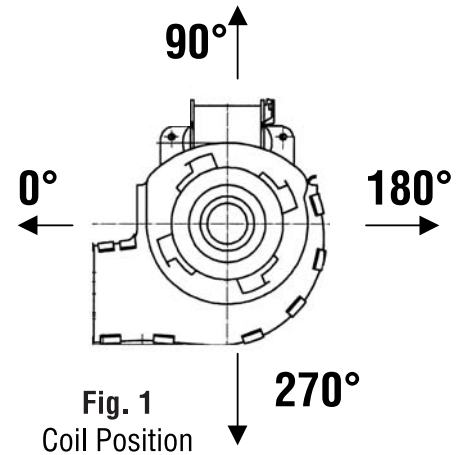
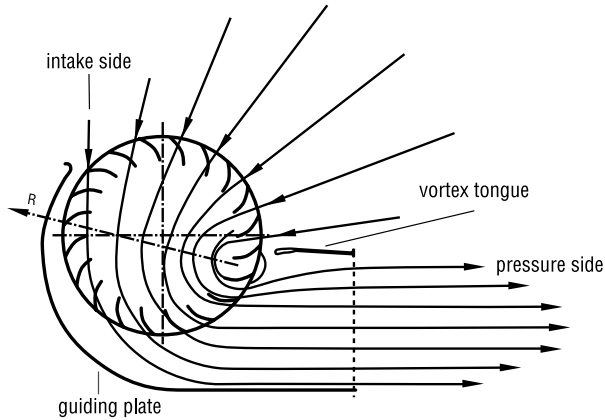
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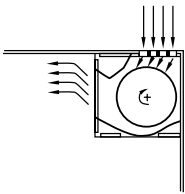
Crossflow Blower Installation Recommendations

Vortex stream through tangential blower

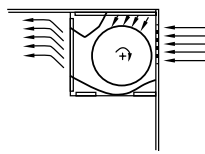


Mounting conditions for QL 4 series

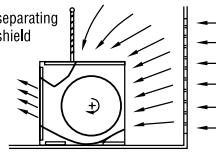
air intake from top,
covered backside



air intake from the
back, covered topside

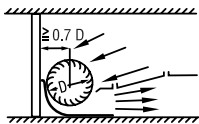


air intake from top and back

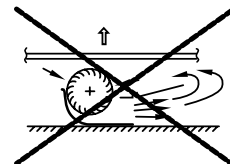
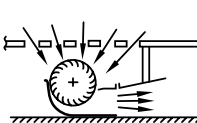
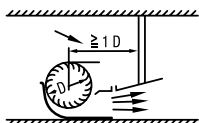
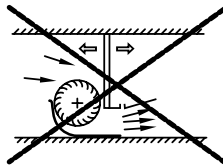
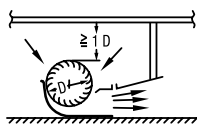


Mounting conditions on intake side QLK, QLZ, QLN

functional

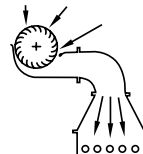
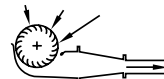
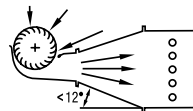


non functional

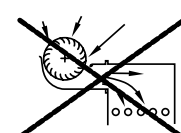
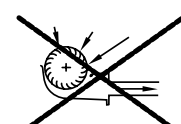
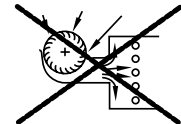


Mounting conditions on pressure side QLK, QLZ, QLN

functional

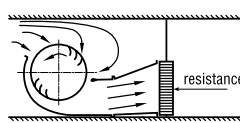


non functional



Separation of suction and pressure area

functional



non functional

