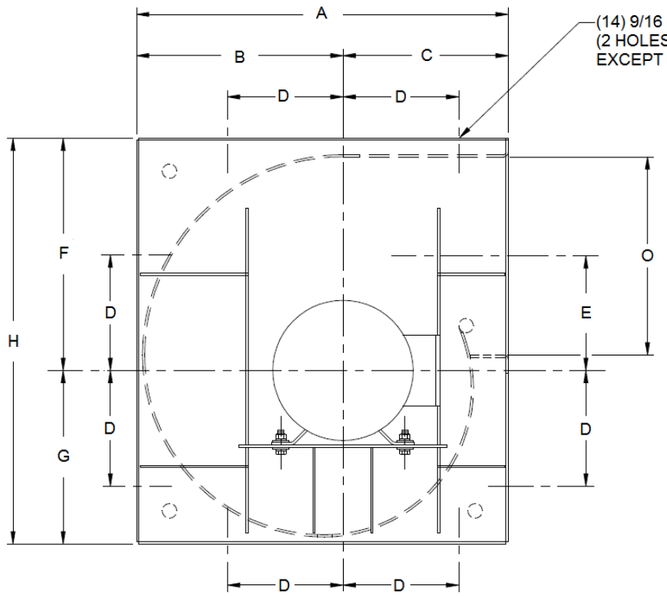
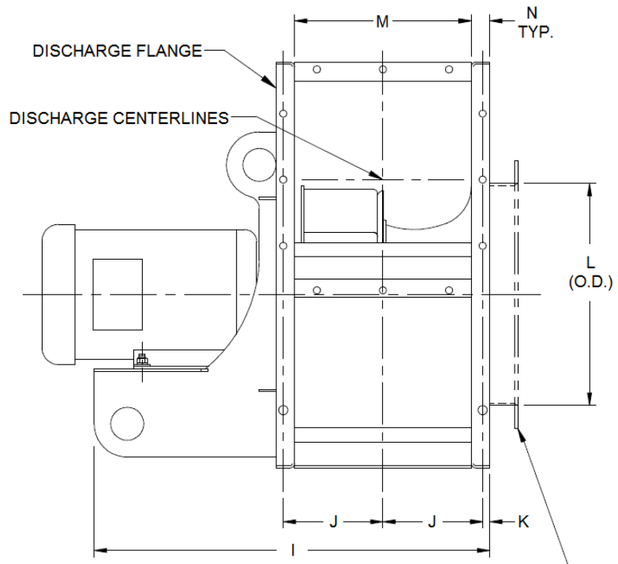




CLOCKWISE TOP HORIZONTAL DISCHARGE SHOWN ABOVE

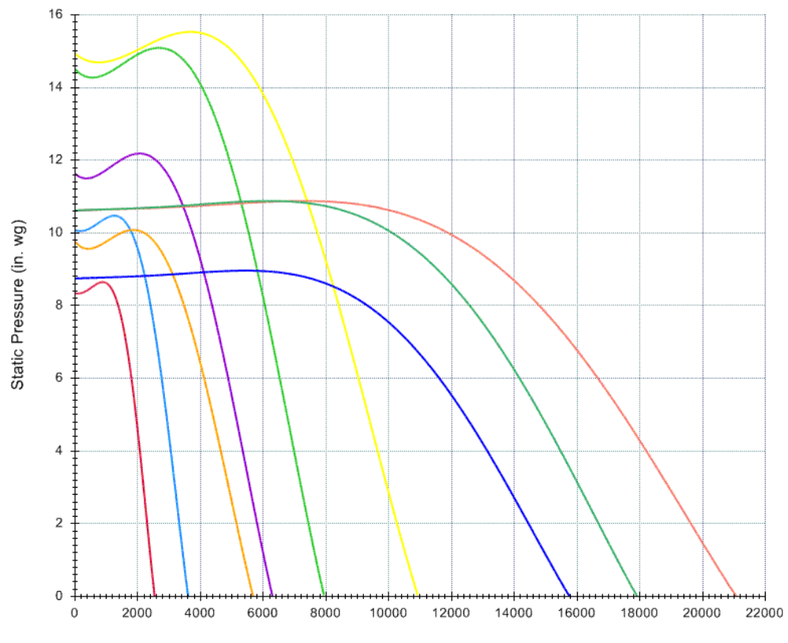
AVAILABLE VERSIONS:
- ☐ __ CLOCKWISE OR COUNTERCLOCKWISE TOP HORIZONTAL DISCHARGE
- ☐ __ CLOCKWISE OR COUNTERCLOCKWISE BOTTOM HORIZONTAL DISCHARGE
- ☐ __ CLOCKWISE OR COUNTERCLOCKWISE UPBLAST DISCHARGE
- ☐ __ CLOCKWISE OR COUNTERCLOCKWISE DOWNBLAST DISCHARGE

AVAILABLE MODELS AND DIMENSIONS ON PAGE 2/2

OPTIONAL INLET COLLAR ☐ __
OPTIONAL INLET FLANGE ☐ __

NOTE:
-MOTOR MAY EXTEND BEYOUND THE FRAME

Fan Performance Ratings



- SQBI-120 with SQ B.I. Wheel (70% Width) @ 3,450 RPM, 0.075 lb./ft.³
- SQBI-130 with SQ B.I. Wheel (75% Width) @ 3,450 RPM, 0.075 lb./ft.³
- SQBI-150 with HD B.I. Wheel (90% Width) @ 3,450 RPM, 0.075 lb./ft.³
- SQBI-160 with HD B.I. Wheel (75% Width) @ 3,450 RPM, 0.075 lb./ft.³
- SQBI-180 with HD B.I. Wheel (70% Width) @ 3,450 RPM, 0.075 lb./ft.³
- SQBI-180 with HD B.I. Wheel (95% Width) @ 3,500 RPM, 0.075 lb./ft.³
- SQBI-240 with SQ B.I. Wheel (Full Width) @ 1,750 RPM, 0.075 lb./ft.³
- SQBI-270 with SQ B.I. Wheel (Full Width) @ 1,750 RPM, 0.075 lb./ft.³
- SQBI-270 with SQ B.I. Wheel (85% Width) @ 1,750 RPM, 0.075 lb./ft.³

Spark Resistant Option for SQBI fans

☐ ___	LD-120-C	AMCA Type "C" spark resistant construction option for LD-120-1 & LD-120-2
☐ ___	LD-130-C	AMCA Type "C" spark resistant construction option for LD-130-1 & LD-130-2 fans.
☐ ___	LD-150-C	AMCA Type "C" spark resistant construction option for LD-150-1 & LD-150-2 fans.
☐ ___	LD-160-C	AMCA Type "C" spark resistant construction option for LD-160-1 & LD-160-2 fans.
☐ ___	LD-180-C	AMCA Type "C" spark resistant construction option for LD-180-1; LD-180-2; LD-180-3; LD-180-4 fans.
☐ ___	LD-120-B	AMCA Type "B" spark resistant construction option for LD-120-1 & LD-120-2
☐ ___	LD-150-B	AMCA Type "B" spark resistant construction option for LD-150-1 & LD-150-2 fans.
☐ ___	LD-160-B	AMCA Type "B" spark resistant construction option for LD-160-1 & LD-160-2 fans.
☐ ___	LD-180-B	AMCA Type "B" spark resistant construction option for LD-180-1; LD-180-2; LD-180-3; LD-180-4 fans.
☐ ___	LD-130-B	AMCA Type "B" spark resistant construction option for LD-130-1 & LD-130-2 fans.
☐ ___	LD-240-B	AMCA Type "B" spark resistant construction option for LD-240-1 & LD-240-2 fans.
☐ ___	LD-270-B	AMCA Type "B" spark resistant construction option for LD-270-1, LD-270-2, LD-270-3, LD-270-4 fans.
☐ ___	LD-240-C	AMCA Type "C" spark resistant construction option for LD-240-1 & LD-240-2 fans.
☐ ___	LD-270-C	AMCA Type "C" spark resistant construction option for LD-270-1, LD-270-2, LD-270-3, LD-270-4 fans.

"Epoxy" Coating for SQBI fans (when ordering main unit)

☐ ___	LD-120-E	Epoxi option for LD-120-1 & LD-120-2 fans. The epoxy paint is Sherwin Williams, heat cured, for entire fan inside and outside
☐ ___	LD-130-E	Epoxi option for LD-130-1 & LD-130-2 fans. The epoxy paint is Sherwin Williams, heat cured, for entire fan inside and outside
☐ ___	LD-150-E	Epoxi option for LD-150-1 & LD-150-2 fans. The epoxy paint is Sherwin Williams, heat cured, for entire fan inside and outside
☐ ___	LD-160-E	Epoxi option for LD-160-1 & LD-160-2 fans. The epoxy paint is Sherwin Williams, heat cured, for entire fan inside and outside
☐ ___	LD-180-E	Epoxi option for LD-180-1; LD-180-2; LD-180-3; LD-180-4 fans. The epoxy paint is Sherwin Williams, heat cured, for entire fan inside and outside

Accessories for direct drive and belt driven fans

☐ ___	L-QOD-1	Quick open door option for LD-120, LD-130, LD-150, LD-160, LB-160
☐ ___	L-QOD-2	Quick open door option for LD-180, LD-240, LD-270, LB-180, LB-200, LB-220
☐ ___	L-RIS-1	RIS isolators option for LD-120, LD-130, LD-150, LD-160, LD-180, LB-160, LB-180
☐ ___	L-RIS-2	RIS isolators option for LD-240, LD-270, LB-200, LB-220

Misc. Options

☐ ___	LD-120-SIL	Discharge silencer for LD-120 Fans, 15 dBA noise reduction, flanged both sides

CUSTOMER:	
CUSTOMER P.O.:	
PROJECT:	
ENGINEER:	
SALES REP.:	
IDENTIFICATION / TAGGING:	

> www.lev-co.com • 1.888.862.5356

lev-co

The device depicted and described hereon embodies proprietary information owned by the manufacturer. All design, manufacturing, reproduction, sales and patent rights regarding this device or drawing reserved except where explicit right is guaranteed in writing. We reserve the right to make design changes.

Drawn by:	Janos
Date:	2/15/2008
Scale:	NTS
Weight:	N/A

Direct Drive Fans

Specification Drawing

Drawing No.: -	File Name: (13-01) Direct_drive_fans-SD
Material: -	Sheet: 1/2

	FAN		DIMENSIONS														
	TYPE	DESCRIPTION	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
☐ ___	LD-120-1	1200 CFM@8.5" w.g. to 2000 CFM@5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class II c/w 3 HP 230-460V/3/60, 3600 RPM.	22 1/2	12 1/2	10	7	6 15/16	14 1/16	10 1/2	24 9/16	22 19/32	5 3/8	7/16	13 7/16	9 11/32	1 1/8	12
☐ ___	LD-120-2	1200 CFM@8.5" w.g. to 2000 CFM@5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class II c/w 3 HP 575-600V/3/60, 3600 RPM.	22 1/2	12 1/2	10	7	6 15/16	14 1/16	10 1/2	24 9/16	22 19/32	5 3/8	7/16	13 7/16	9 11/32	1 1/8	12
☐ ___	LD-130-1	2000 CFM@10 " w.g. to 3000 CFM@5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class II c/w 5 HP 230-460V/3/60, 3600 RPM.	24 3/4	13 3/4	11	7 11/16	7 5/8	15 3/8	11 1/2	26 7/8	26 1/32	5 31/32	7/16	15 7/16	10 17/32	1 1/8	13 1/4
☐ ___	LD-130-2	2000 CFM@10 " w.g. to 3000 CFM@5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class II c/w 5 HP 575-600V/3/60, 3600 RPM.	24 3/4	13 3/4	11	7 11/16	7 5/8	15 3/8	11 1/2	26 7/8	26 1/32	5 31/32	7/16	15 7/16	10 17/32	2 1/8	13 1/4
☐ ___	LD-150-1	3000 CFM@9" w.g. to 4500 CFM@5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class II c/w 7.5 HP 230-460V/3/60, 3600 RPM.	27 1/4	15 1/4	12	8 9/16	8 1/2	17 5/16	12 3/4	30 1/16	31 3/4	7 1/8	5/8	16 9/16	12 1/2	1 1/2	14 5/8
☐ ___	LD-150-2	3000 CFM@9" w.g. to 4500 CFM@5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class II c/w 7.5 HP 575-600V/3/60, 3600 RPM.	27 1/4	15 1/4	12	8 9/16	8 1/2	17 5/16	12 3/4	30 1/16	31 3/4	7 1/8	5/8	16 9/16	12 1/2	1 1/2	14 5/8
☐ ___	LD-160-1	4000 CFM@10" w.g. to 5000 CFM@6" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 10 HP 230-460V/3/60, 3600 RPM.	29 3/4	16 3/4	13	9 3/8	9 7/16	18 15/16	14	32 15/16	31	7 5/16	5/8	18 9/16	12 7/8	1 1/2	16
☐ ___	LD-160-2	3000 CFM@9" w.g. to 4500 CFM@5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 10 HP 575-600V/3/60, 3600 RPM.	29 3/4	16 3/4	13	9 3/8	9 7/16	18 15/16	14	32 15/16	31	7 5/16	5/8	18 9/16	12 7/8	1 1/2	16
☐ ___	LD-180-1	5000 CFM@12" w.g. to 7000 CFM@4" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 15 HP 230-460V/3/60, 3600 RPM.	32 3/4	18 1/2	14 1/4	10 3/8	10 13/32	20 13/16	15 7/16	36 1/4	36 1/4	7 3/4	5/8	20 9/16	13 3/4	1 1/2	17 9/16
☐ ___	LD-180-2	5000 CFM@12" w.g. to 7000 CFM@4" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 15 HP 575-600V/3/60, 3600 RPM.	32 3/4	18 1/2	14 1/4	10 3/8	10 13/32	20 13/16	15 7/16	36 1/4	36 1/4	7 3/4	5/8	20 9/16	13 3/4	1 1/2	17 9/16
☐ ___	LD-180-3	8000 CFM@9" w.g. to 9,500 CFM@6" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 20 HP 230-460V/3/60, 3600 RPM.	32 3/4	18 1/2	14 1/4	10 3/8	10 13/32	20 13/16	15 7/16	36 1/4	35 9/16	7 13/32	5/8	20 9/16	13 1/16	1 1/2	17 9/16
☐ ___	LD-180-4	8000 CFM@9" w.g. to 9,500 CFM@6" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 20 HP 575/3/60, 3600 RPM.	32 3/4	18 1/2	14 1/4	10 3/8	10 13/32	20 13/16	15 7/16	36 1/4	35 9/16	7 13/32	5/8	20 9/16	13 1/16	1 1/2	17 9/16
☐ ___	LD-240-1	10,000 CFM@7.5" w.g. to 12,000 CFM@5.5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 20 HP 230-460V/3/60, 1750 RPM.	43 5/16	24 13/16	18 1/2	14 3/4	14 3/4	27 3/8	20 3/4	48 1/8	41 1/32	11 17/32	5/8	27 9/16	21 5/16	1 1/2	23 13/16
☐ ___	LD-240-2	10,000 CFM@7.5" w.g. to 12,000 CFM@5.5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 20 HP 575V/3/60, 1750 RPM.	43 5/16	24 13/16	18 1/2	14 3/4	14 3/4	27 3/8	20 3/4	48 1/8	41 1/32	11 17/32	5/8	27 9/16	21 5/16	1 1/2	23 13/16
☐ ___	LD-270-1	12,000 CFM@8" w.g. to 14,500 CFM@5.5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 25 HP 230/460/3/60, 1750 RPM.	47 1/2	27 1/4	20 1/4	16 1/2	16 1/2	30 1/2	22 7/8	53 3/8	45 1/2	12 1/16	5/8	30 9/16	22	1 1/2	26 1/4
☐ ___	LD-270-2	12,000 CFM@8" w.g. to 14,500 CFM@5.5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 25 HP 575V/3/60, 1750 RPM.	47 1/2	27 1/4	20 1/4	16 1/2	16 1/2	30 1/2	22 7/8	53 3/8	45 1/2	12 1/16	5/8	30 9/16	22	1 1/2	26 1/4
☐ ___	LD-270-3	14,000 CFM@8" w.g. to 17,000 CFM@5.5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 30 HP 230/460/3/60, 1750 RPM.	47 1/2	27 1/4	20 1/4	16 1/2	16 1/2	30 1/2	22 7/8	53 3/8	48 9/16	12 7/8	5/8	30 9/16	23 1/2	1 1/2	26 1/4
☐ ___	LD-270-4	14,000 CFM@8" w.g. to 17,000 CFM@5.5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 30 HP 575V/3/60, 1750 RPM.	47 1/2	27 1/4	20 1/4	16 1/2	16 1/2	30 1/2	22 7/8	53 3/8	48 9/16	12 7/8	5/8	30 9/16	23 1/2	1 1/2	26 1/4

CUSTOMER:
CUSTOMER P.O.:
PROJECT:
ENGINEER:
SALES REP.:
IDENTIFICATION / TAGGING:

> www.lev-co.com • 1.888.862.5356

lev-co

The device depicted and described hereon embodies proprietary information owned by the manufacturer. All design, manufacturing, reproduction, sales and patent rights regarding this device or drawing reserved except where explicit right is guaranteed in writing. We reserve the right to make design changes.

Drawn by: Janos
Date: 2/15/2008
Scale: NTS
Weight: N/A

Direct Drive Fans

Specification Drawing

Drawing No.: -
File Name: (13-01) Direct_drive_fans-SD
Material: -
Sheet: 2/2