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		<b>&gt;</b>	M			i an i enorma
		+			<sup>16</sup> Ţ	
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				>	2	
AVAILABLE VERSIONS:	CLOCKWISE OR COUNTERCLOCKW	VISE TOP HORIZONTAL DISCHARGE VISE BOTTOM HORIZONTAL DISCHARGE VISE UPBLAST DISCHARGE	OPTIONAL INLET	COLLAR 🗌 FLANGE 🗌	0 2000	4000 6000 8000 10000 12000 140
		/ISE DOWNBLAST DISCHARGE	-MOTOR MAY EXTEND BEYOUN	D THE FRAME		Flow (ACFM)
AVAILABLE MODELS AND	D DIMENSIONS ON PAGE 2/2 Spark Resistant Option for SQBI fa	ans				
	D-120-C AMCA Type "C" spark resistant (	construction option for LD-120-1 & LD-120-2		Accesso	ries for direct drive and belt driven	<u>fans</u>
	.D-130-C AMCA Type "C" spark resistant (	construction option for LD-130-1 & LD-130-2 fans.	[	L-QOD-1	Quick open door option for LD-120, LD-130, I	LD-150, LD-160, LB-160
	D-150-C AMCA Type "C" spark resistant (	construction option for LD-150-1 & LD-150-2 fans.	[	L-QOD-2	Quick open door option for LD-180, LD-240, I	LD-270, LB-180, LB-200, LB-220
	D.160.C AMCA Tune "C" enerth resistant (	construction option for LD 160 1 8 LD 160 2 feas	[	L-RIS-1	RIS isolators option for LD-120, LD-130, LD-	150, LD-160, LD-180, LB-160, LB-180
	D 190 C AMICA Type C spark resistant (	construction option for LD 190 1, LD 190 2, LD 190	[ ]	L-RIS-2	RIS isolators option for LD-240, LD-270, LB-2	200, LB-220
	p too p and C A Type C spark resistant i		0-3, ED-100-4 lans.			
	LD-120-B AMICA Type "B" spark resistant o	Construction option for LD-120-1 & LD-120-2		<u>Misc. O</u>	ptions	
	.D-150-B AMICA Type "B" spark resistant o	construction option for LD-150-1 & LD-150-2 fans.	[	LD-120-SII	<ul> <li>Discharge silencer for LD-120 Fans, 15 c</li> </ul>	BA noise reduction, flanged both sides
	.D-160-B AMICA Type "B" spark resistant o	construction option for LD-160-1 & LD-160-2 fans.		<b>"F n n n n</b>	" Cooting for CODI fore when or	
	.D-180-B AMICA Type "B" spark resistant o	construction option for LD-180-1; LD-180-2; LD-180	0-3; LD-180-4 fans.		Energiantian for LD 120 1 8 LD 120 2 for	<u>gering man unit</u> pe The energy peirtie Shenvin William e heet ou
	.D-130-B AMICA Type "B" spark resistant o	construction option for LD-130-1 & LD-130-2 fans.				
	D-240-B AMICA Type "B" spark resistant o	construction option for LD-240-1 & LD-240-2 fans.		□ LD-130-E	Epoxioption for LD-130-1 & LD-130-2 fa	ns. The epoxy painl is Sherwin William s, heat cu
	.D-270-В AMICA Type "B" spark resistant o	construction option for LD-270-1, LD-270-2, LD-270	0-3, LD-270-4 fans.	LD-150-E	Epoxl option for LD-150-1 & LD-150-2 fa	ns. The epoxy painlis Sherwin Williams, heat cu
	.D-240-C AMICA Type "C" spark resistant (	construction option for LD-240-1 & LD-240-2 fans.		□ LD-160-E	Epoxioption for LD-160-1 & LD-160-2 fa	n s. The epoxy pain lis Sherwin William s, heat cu
••••• <sup>-</sup>	.D-270-C AMCA Type "C" spark resistant (	construction option for LD-270-1 , LD-270-2, LD-270	0-3, LD-270-4 fans.	LD-180-E	Epoxi option for LD-180-1; LD-180-2; LD	-180-3; LD-180-4 fans. The epoxy paint is Sherv
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IDENTIFICATION / FAGGING:			AND DESCRIPTION OF THE OWNER	STATISTICS AND		cnanges.

DUST COLLECTION + FUME EXTRACTION + OIL MIST FILTRATION + VEHICLE

# ance Ratings





**NB:** All Lev-Co LD fans come in a standard configuration of Clockwise rotation / Up-blast discharge. For alternate rotations and discharges please indicate on your purchase order and approved submittal drawings.

13-01

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- red, for entire fan inside and outside
- ared, for entire fan inside and outside
- ared, for entire fan Inside and outside
- ared, for entire fan inside and outside

win Williams, heat cured, for entire fan inside and outside

Drawn by:	Janos B	13-01 Direct Drive Fans						
Date:	9/8/2011				-			
Scale:	NTS							
Weight:	N/A		Specifica	tion Drawing	)			
	$\square$	Drawing No.: -	File Name: (13-01) Direct_drive_fan					
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		FAN							DIME	NSIONS	_							WEIGHT
	TYPE	DESCRIPTION	А	В	С	D	E	F	G	Н	*	J	к	L	M	N	0	(LBS)
□_	LD-120-1	1200 CF M@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 R PM.	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	213
□_	LD-120-2	1200 CF M@8.5" w.g. to 2000 CF M@5" w.g. Bl Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class II c/w 3 HP 575- 600 V/3/60, 3600 R PM.	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	213
□_	LD-130-1	2000 CF M@10 " w.g. to 3000 CF M@5" w.g. Bl Direct Drive Fan o/w drain, slip fit inlet, flanged outlet; Class II o/w 5 HP 230- 460 V/3/60, 3600 R PM.	24 3/4	13 3/4	11	7 11/16	7 5/8	15 3/8	11 1/2	26 7/8	26 21/32	5 31/32	7/16	15 7/16	10 17/32	1 1/8	13 1/4	257
□_	LD-130-2	2000 CF M@10 " w.g. to 3000 CF M@5" w.g. Bl Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class II c/w 5 HP 575- 600 V/3/60, 3600 R PM.	24 3/4	13 3/4	11	7 11/16	7 5/8	15 3/8	11 1/2	26 7/8	26 21/32	5 31/32	7/16	15 7/16	10 17/32	2 1/8	13 1/4	257
□_	LD-150-1	3000 CFM@9" w.g. to 4600 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 R PM.	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	319
□_	LD-150-2	3000 CF M@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- 800V/3/80, 3600 R PM.	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	319
□	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 R PM.	29 3/4	16 3/4	13	9 3/8	9 7/16	18 15/16	14	32 15/16	30 1/2	7 5/16	5/8	18 9/16	12 7,8	1 1/2	16	374
□_	LD-160-2	3000 CFM@9" w.g. to 4600 CFM@6" w.g. BI Direct Drive Fan olw drain, slip fit inlet, flanged outlet; Class IV olw 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	30 1/2	7 5/16	5/8	18 9/16	12 7,8	1 1/2	16	374
□_	LD-180-1	5000 CFM@12"w.g. to 7000 CFM@4" w.g. BI Direct Drive Fan o/w drain, slip fit inlet, flanged outlet; Class IV o/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 13/16	530
□_	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 R PM.	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 13/16	530
□_	LD-180-3	8000 CF M@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 R PM.	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 5/32	8 21/32	5/8	20 9/16	15 17/32	1 1/2	17 13/16	603
□_	LD-180-4	8000 CFM@9" w.g. to 9,500 CFM@6" w.g. BI Direct Drive Fan ow drain, slip fit inlet, flanged outlet; Class IV ow 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	36 5/32	8 21/32	5/8	20 9/16	15 17/32	1 1/2	17 13/16	<mark>6</mark> 03
□	LD-240-1	10,000 C FM@7.5" w.g. to 12,000 C FM@5.5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 20 H P 230- 460V/3/60, 1750 R PM.	43 5/16	24 13/16	18 1/2	14 3/4	13 31/32	27 3/8	20 3/4	48 1/8	41 15/16	11 17/32	5/8	27 9/16	21 5/16	1 1/2	23 13/16	775
□	LD-240-2	10,000 CFM@7.5" w.g. to 12,000 CFM@6.5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 20 HP 575V/3/80, 1750 RPM.	43 5/16	24 13/16	18 1/2	14 3/4	13 31/32	27 3/8	20 3/4	48 1/8	41 15/16	11 17/32	5/8	27 9/16	21 5/16	1 1/2	23 13/16	775
□_	LD-270-1	12,000 C FM@8" w.g. to 14,500 CF M@5.5" w.g. BI Direct Drive Fan c/w drain, slip fit inlet, flanged outlet; Class IV c/w 25 H P 230/460/3/60, 1750 R PM.	47 1/2	27 1/4	20 1/4	16 1/2	15 3/8	30 1/2	22 7 <i>1</i> 8	53 3/8	47 3/32	12 3/32	7/8	30 9/16	21 29/32	2	26 1/4	<mark>1036</mark>
□_	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/3/80, 1750 RPM.	47 1/2	27 1/4	20 1/4	16 1/2	15 3/8	30 1/2	22 7 <i>1</i> 8	53 3/8	47 3/32	12 3/32	7/8	30 9/16	21 29/32	2	26 1/4	1036
□_	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	15 <mark>3/</mark> 8	30 1/2	22 7/8	53 3/8	48 11/16	12 3/32	7/8	30 9/16	23 1/2	2	26 1/4	1083
□_	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/3/80, 1750 RPM.	47 1/2	27 1/4	20 1/4	16 1/2	15 3/8	30 1/2	22 7 <i>1</i> 8	53 3/8	48 11/16	12 3/32	7/8	30 9/16	23 1/2	2	26 1/4	1083

			* DIMENSION "I" MAY VAR
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DUST COLLECTION + FUME EXTRACTION + OIL MIST FILTRATION + VEHICLE

\* DIMENSION "I" MAY VARY BASED ON THE ACTUAL MOTOR FRAME

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Drawn by:	Janos B		13-01 Dire	ct Drive Fans	5			
Date:	9/8/2011				-			
Scale:	NTS							
Weight:	N/A		Specifica	tion Drawing	)			
$\oplus$		Drawing No.: -		File Name: (13-01) Direct	t_drive_fa	ns-SD		
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EXH	EXHAUST							

13-01

MODEL	WEIGHT [LBS]	MOTOR POWER [HP]	SOUND [dBA @ 5FT]
LD-120	223	3	37
LD-130	244	5	52
LD-150	329	7.5	72
LD-160	379	10	75
LD-180-1 & LD-180-2	568	15	75
LD-180-3 & LD-180-4	612	20	78
LD-240	712	20	78
LD-270-1 & LD-270-2	1038	25	80
LD-270-3 & LD-270-4	1075	30	83

## WEIGHT, POWER AND SOUND LEVEL INFORMATION



DUST COLLECTION + FUME EXTRACTION + OIL MIST FILTRATION + VEHICLE



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Drawn by:	Janos B		13-01 Dire	ct Drive Fans	5		
Date:	9/8/2011				-		
Scale:	NTS						
Weight:	N/A		Specifica	tion Drawing	)		
		Drawing No.: -	-	File Name: (13-01) Direct	_drive_fa	ns-SD	
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EXHAUST							

# CLOCKWISE ROTATION



CLOCKWISE UP BLAST



CLOCKWISE TOP HORIZONTAL



COUNTERCLOCKWISE UP BLAST



CLOCKWISE DOWN BLAST



CLOCKWISE BOTTOM HORIZONTAL



COUNTERCLOCKWISE DOWN BLAST

### NOTES:

- 1. DIRECTION OF ROTATION IS DETERMINED FROM DRIVE SIDE OF FAN.
- 2. SAME AS AMCA STANDARD 99-2406
- LEV-CO FANS ARE ASSEMBLED IN CLOCKWISE TOP HORIZONTAL ORIENTATION UNLESS OTHERWISE SPECIFIED 3.





# COUNTERCLOCKWISE TOP HORIZONTAL



## COUNTERCLOCKWISE BOTTOM HORIZONTAL

13-01