



ELP model
Self supporting arm



ELB model
Self supporting arm
with extension



ELPR model
Self supporting arm
with low inlet

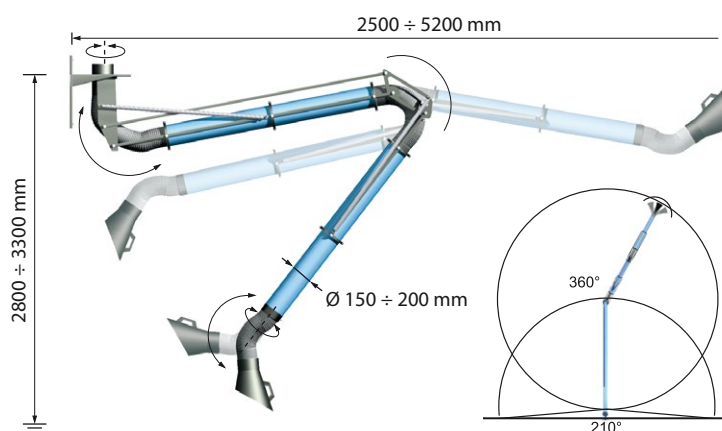
USE

- Suction of fumes, odors, vapors, gases, dusts, mists and other air pollutants directly from the source
- Suction of polluted air at the point where it occurs, to prevent it from reaching the operator's respiratory tract

FEATURES

- Available in diameters: 100 mm - 150 mm - 200 mm
- Length from 2.5 m up to 9.2 m with extension (from 2 m up to 4,2 m for model ELPR with low inlet)
- Available for centralized systems without fan or complete with fan
- Standard supplied with PA rotation ring with steel ball bearings (on arms with Ø 150 mm and Ø 200 mm)
- Standard supplied with metal rotation ring with Teflon (on arms with Ø 100 mm)
- Available in Ex II 3D - Ex II 2D - Ex II 3G execution
- Self-supporting structure with spring balanced pantograph
- Springs with internal safety cable
- The main moving parts are external to the air flow to ensure minimum maintenance and stability over time
- Variety of materials for both hoses and rigid pipes
- Terminal hoods with different shapes and materials, for every need
- Standard supplied with wall bracket

DIMENSIONS



TECHNICAL DATA

MODEL	MAX ARM EXTENSION mm	Ø SUCTION mm	POWER kW	AIR FLOW RATE m³/h	HOOD CAPTURE SPEED m/s (0,25 m)	ΔP ARM AVERAGE mm H ₂ O	NOISE dB(A)	WEIGHT kg
ELEFANTINO ELP [Extraction arm, Ø 150 mm, with centrifugal fan, 2800 rpm]								
ELP/100	2600	100	0,55	700	>0,25	-	70	35
ELP25/75	2500	150	0,55	700	>0,23	-	70	50
ELP25/15	2500	150	0,75	1300	>0,44	-	74	60
ELP25/25	2500	150	1,5	1550	>0,50	-	74	63
ELP3/75	3200	150	0,55	700	>0,23	-	70	53
ELP3/15	3200	150	0,75	1300	>0,44	-	73	65
ELP3/25	3200	150	1,5	1300	>0,25	-	74	68
ELP4/75	4200	150	0,55	700	>0,23	-	70	58
ELP4/15	4200	150	0,75	1300	>0,44	-	73	68
ELP4/25	4200	150	1,5	1550	>0,50	-	74	71
ELP4/30	4200	150	2,2	1600	>0,50	-	75	74
ELP5/15	5200	150	0,75	1300	>0,44	-	73	74
ELP5/25	5200	150	1,5	1550	>0,55	-	74	77
ELP5/30	5200	150	2,2	1600	>0,55	-	75	77

ΔP available: ≈ 50 mm H₂O**ELEFANTINO ELP2** [Extraction arm, Ø 200 mm, with centrifugal fan, 2800 rpm]

ELP2/3/30	3200	200	2,2	2000	>0,55	-	75	91
ELP2/4/30	4200	200	2,2	2000	>0,55	-	75	95
ELP2/5/30	5200	200	2,2	2000	>0,55	-	75	99

ΔP available: ≈ 50 mm H₂O**ELEFANTINO ELP/C** [Suction arm, without fan, for centralized systems]

ELP/C/10/25	2600	100	-	-	-	50	-	34
ELP/C/10/30	3000	100	-	-	-	55	-	37
ELP/C/12	2600	150	-	-	-	45	-	47
ELP/C/13	3200	150	-	-	-	50	-	50
ELP/C/14	4200	150	-	-	-	55	-	53
ELP/C/15	5200	150	-	-	-	60	-	56
ELP/C/23	3200	200	-	-	-	40	-	65
ELP/C/24	4200	200	-	-	-	45	-	70
ELP/C/25	5200	200	-	-	-	50	-	75



TECHNICAL DATA

MODEL	MAX LENGTH (ARM + FLAG) mm	Ø SUCTION mm	POWER (2800 RPM) kW	MAX FLOW RATE m³/h	CAP CATCH SPEED m/s (0,25 m)	AVERAGE ΔP OF THE ARM mm H ₂ O	NOISE dB(A)	WEIGHT (ARM + FLAG) Kg
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ELEFANTINO ELB [Extraction arm, Ø 150 mm, with 2800 rpm centrifugal fan]

ELB1/5	3200 + 2000	150	1,5	1450	>0,55	-	74	71 + 40
ELB1/6	4200 + 2000	150	1,5	1450	>0,55	-	74	71 + 44
ELB1/7	4200 + 3000	150	1,5	1450	>0,55	-	74	71 + 53
ELB1/8	4200 + 4000	150	1,5	1450	>0,55	-	74	71 + 62
ELB1/9	5200 + 4000	150	1,5	1450	>0,55	-	74	71 + 64

ΔP available: ≈ 50 mm H₂O**ELEFANTINO ELB2** [Extraction arm, Ø 200 mm, with 2800 rpm centrifugal fan]

ELB2/5	3200 + 2000	200	2,2	2000	>0,55	-	75	70 + 50
ELB2/6	4200 + 2000	200	2,2	2000	>0,55	-	75	73 + 52
ELB2/7	4200 + 3000	200	2,2	2000	>0,55	-	75	70 + 56
ELB2/8	4200 + 4000	200	2,2	2000	>0,55	-	75	73 + 60

ΔP available: ≈ 50 mm H₂O**ELEFANTINO ELB/C** [Suction arm, without fan, for centralized plants]

ELB/C/15	4200 + 1000	150	-	-	-	85	-	53 + 40
ELB/C/16	4200 + 2000	150	-	-	-	90	-	43 + 44
ELB/C/17	4200 + 3000	150	-	-	-	93	-	53 + 53
ELB/C/18	4200 + 4000	150	-	-	-	98	-	53 + 62
ELB/C/19	5200 + 4000	150	-	-	-	103	-	56 + 64
ELB/C/25	4200 + 1000	200	-	-	-	70	-	70 + 50
ELB/C/26	4200 + 2000	200	-	-	-	75	-	70 + 52
ELB/C/27	4200 + 3000	200	-	-	-	80	-	70 + 56
ELB/C/28	4200 + 4000	200	-	-	-	83	-	70 + 60

ELEFANTINO EL/BAN [Flag, without fan]

EL/BAN1	1000	150	-	-	-	30	-	40
EL/BAN2	2000	150	-	-	-	35	-	44
EL/BAN3	3000	150	-	-	-	38	-	53
EL/BAN4	4000	150	-	-	-	43	-	62
EL/BAN5	5000	150	-	-	-	48	-	64
EL/BAN2/1	1000	200	-	-	-	30	-	50
EL/BAN2/2	2000	200	-	-	-	35	-	52
EL/BAN2/3	3000	200	-	-	-	40	-	56
EL/BAN2/4	4000	200	-	-	-	43	-	60



TECHNICAL DATA

MODEL	MAX ARM EXTENSION mm	Ø SUCTION mm	ΔP ARM AVERAGE mm H ₂ O	WEIGHT kg
ELEFANTINO ELPR [Extraction arm with suction from below]				
ELP/R10/20	2000	100	45	33
ELP/R10/25	2500	100	50	35
ELP/R10/30	3200	100	55	37
ELP/R15/2	2500	150	45	45
ELP/R15/3	3200	150	50	48
ELP/R15/4	4200	150	55	51
ELP/R15/5	5200	150	60	55
ELP/R20/3	3200	200	40	64
ELP/R20/4	4200	200	45	67



DETAILS



Available in Atex Ex II 2D, Ex II 3GD version (also in stainless steel)



Available in AISI 304, AISI 316 stainless steel version

Available with flexible hose for high temperature, with acid-proof flexible hose, anti-static flexible hose



Available with hood of different sizes and materials



Safety cable inside the springs

OPTIONAL

- **[ELP/NORAL]** Version with iron washer, without bearings (only on Ø 150 mm)
- **[PAL/ELP150]** Support pole for ELP arms Ø 150 mm
- **[PAL/ELP200]** Support pole for ELP arms Ø 200 mm
- **[PAL/2ELP]** Support pole for double ELP arms Ø 150 mm
- **[PAL/ELB150]** Support pole for arm ELB 150 mm
- **[PAL/ELB200]** Support pole for arm ELB 200 mm
- **[PAL/2ELB]** Support pole for double arms ELB 150 mm

KIT

- **[KIT1/10]** Standard elliptical iron hood, pipe connection Ø 100 mm, suction < Ø 165 mm + polyethylene handle
- **KIT1/15]** Standard polyethylene hood, Ø 150 mm + handle
- **[KIT1/20]** Standard elliptical iron hood, Ø 200 mm pipe connection, Ø 385 mm suction + polyethylene handle
- **[KIT2/15]** Post + standard hood + cardan + flex + butterfly damper for arm Ø 150 mm
- **[KIT2/20]** Post + standard hood + cardan + flex + butterfly damper for arm Ø 200 mm
- **[KIT1/15/AL]** Rectangular aluminum hood 500 x 200 mm for arm Ø 150 mm
- **[KIT1/15/AL/2]** Rectangular aluminum hood 500 x 500 mm for arm Ø 150 mm
- **[KIT1/20/AL]** Rectangular aluminum hood 500 x 300 mm for arm Ø 200 mm
- **[KIT1/20/AL/2]** Rectangular aluminum hood 500 x 500 mm for arm Ø 200 mm
- **[KIT4]** Surcharge for 24 Vac light + switch + transformer + bracket wiring for arm hood
- **[KIT5]** Surcharge for 24 Vac light with QE welding machine management for light switch on + dry point contact timer for arm hood
- **[QE/BRACCI/SALD]** Automatic starting panel on welding machine ground (output with timed clean contact) for arms

SPARE PARTS

- **[COLL/150]** Double nylon-glass collar, Ø 150 mm
- **[COLL/200]** Double collar in nylon-glass, Ø 200 mm
- **[FER80]** Lining Ø 80-110 mm, for clutches
- **[DIS110]** Galvanized disc Ø 110 mm, for clutches
- **[RALL/100]** Iron fifth wheel Ø 100 mm
- **[RALL/150]** Nylon-glass fifth wheel, ball bearings for arm Ø 150 mm
- **[RALL/200]** Nylon-glass fifth wheel, ball bearings for arm Ø 200 mm
- **[GIR/ELA]** Swivel with ELA bearings
- **[AUTOE/100]** Heat-resistant flexible hose Ø 100
- **[AUTOE/154]** Heat-resistant flexible hose Ø 150
- **[AUTOE/200]** Heat-resistant flexible hose Ø 200
- **[ALL/100]** Aluminum tube Ø 100
- **[ALL/150]** Aluminum tube Ø 150
- **[ALL/200]** Aluminum tube Ø 200
- **[MOLL/EL]** Long and short springs, 4 per arm
- **[GN/EL75]** Fan in cast aluminum, 0.55 kW
- **[MG8/EL15]** Fan in cast aluminum 0.75 kW
- **[MG8/EL20]** Fan in cast aluminum 1,5 kW
- **[MG8/EL30]** Fan in cast aluminum 2.2 kW
- **[MG9/EL20/4]** Plastic fan 0.75 kW
- **[MG9/EL30]** Plastic fan 2.2 kW

PRODUCTIONS



