

Seat mounting version



Roof ventilator version



**Air flows : from 0.03 to 2.33 m<sup>3</sup>/s**  
**The extraction solution**  
**for all the *agressive ambiances***

## APPLICATION

Extraction of aggressive vapours or gas for chemical industries, laboratories, food processing, university fume cupboards, hospitals, water treatment, etc.

Extracted air temperature up to 80°C in continuous.

## RANGE

5 sizes : air flows from 0.03 to 2.33 m<sup>3</sup>/s

Important static depression (see curves on following page)

- **Seat mounting fan version :**

Fan motor assembly mounted on steel sheet metal

- **Roof ventilator version :**

Fan motor assembly mounted on polypropylene square plate and polypropylene motor protection hood, horizontal discharge, with diffuser, hood (vertical jet version : consult us). Proximity switch mounted in the standard version.

## CONSTRUCTION

Shell and impeller in recyclable food quality polypropylene.  
 Fan support in sheet metal for standard version, polypropylene as an option.

Standardized circular connections (diam. 125 - 160 - 200 - 250 - 315).

## MOTORIZATION

- In standard, motor IP 55 - Class F : 1 or 2 speeds

- Suitable for 60 Hz supply (attention : special selection curves)

## ACCESSORIES (OPTIONAL)

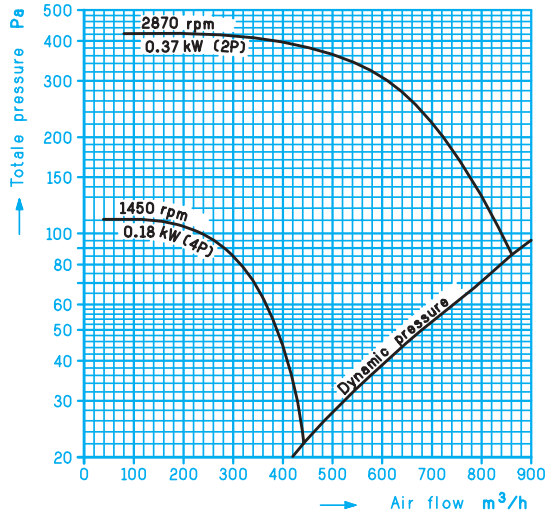
- Mounting accessories
  - diffuser, plastic flexible sleeves, shut-off valve
  - high protection polypropylene seat for outside mounting.
  - anti-vibratil mounts

- Electrical accessories :
  - proximity switch (for the seat mounting version).

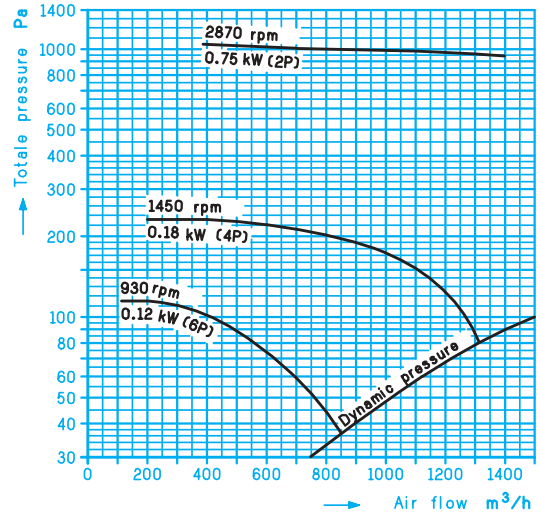
### SELECTION CURVES

Electrical supply in 50 HGz - Air at 20°C, pressure : 1013 hPa

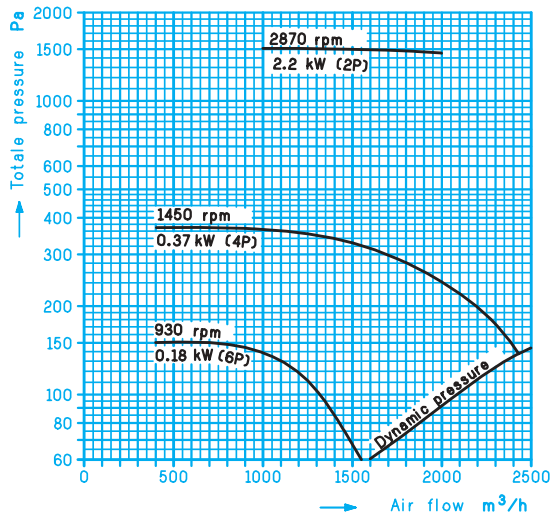
Fan N° 15



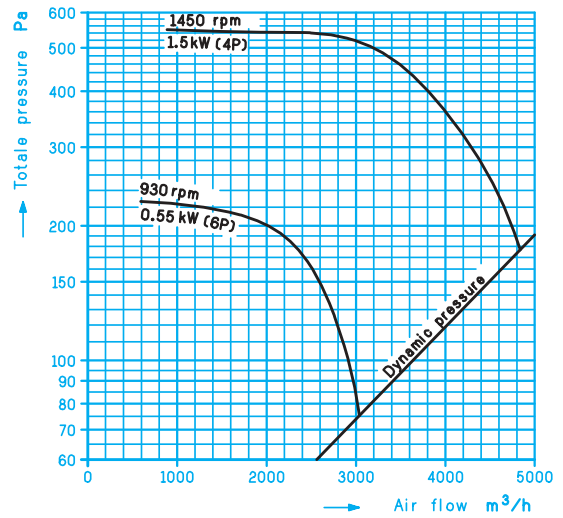
Fan N° 20



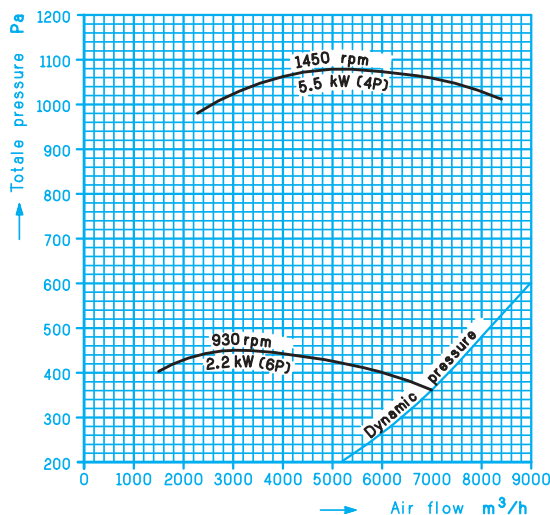
Fan N° 25



Fan N° 30



Fan N° 35



## ANTICORROSION POLYPROPYLENE FANS

### Seat mounting version

CORO	MOTORISATION					
	2 P	4 P	6 P	2/4 P	4/6 P	4/8 P
15	1 ph - 230 V ●	7024572 ●	7024574 ●			
	3 ph - 230/400 V ●	7024575 ●	7024576 ●			
20	1 ph - 230 V ●	7024581 ●	7024582 ●			
	3 ph - 230/400 V ●	7024584 ●	7024585 ●	7024586 ●		
	3 ph - 400 V				7024588 ●	7024589 ●
25	3 ph - 230/400 V ●	7024591 ●	7024592 ●	7024593 ●		
	3 ph - 400 V				7024594 ●	7024595 ●
30	3 ph - 230/400 V		7024598 ●	7024599 ●		
	3 ph - 400 V					7024601 ●
35	3 ph - 230/400 V		7024604 ●	7024605 ●		

### Roof ventilator version

CORO	MOTORISATION					
	2 P	4 P	6 P	2/4 P	4/6 P	4/8 P
20	1 ph - 230 V ●	7024618 ●	7024619 ●			
	3 ph - 230/400 V ●	7024620 ●	7024621 ●	7024622 ●		
	3 ph - 400 V				7024623 ●	7024624 ●
25	3 ph - 230/400 V ●	7024626 ●	7024627 ●	7024628 ●		
	3 ph - 400 V				7024629 ●	7024630 ●
30	3 ph - 230/400 V		7024633 ●	7024634 ●		
	3 ph - 400 V					7024636 ●
35	3 ph - 230/400 V		7024640 ●	7024641 ●		

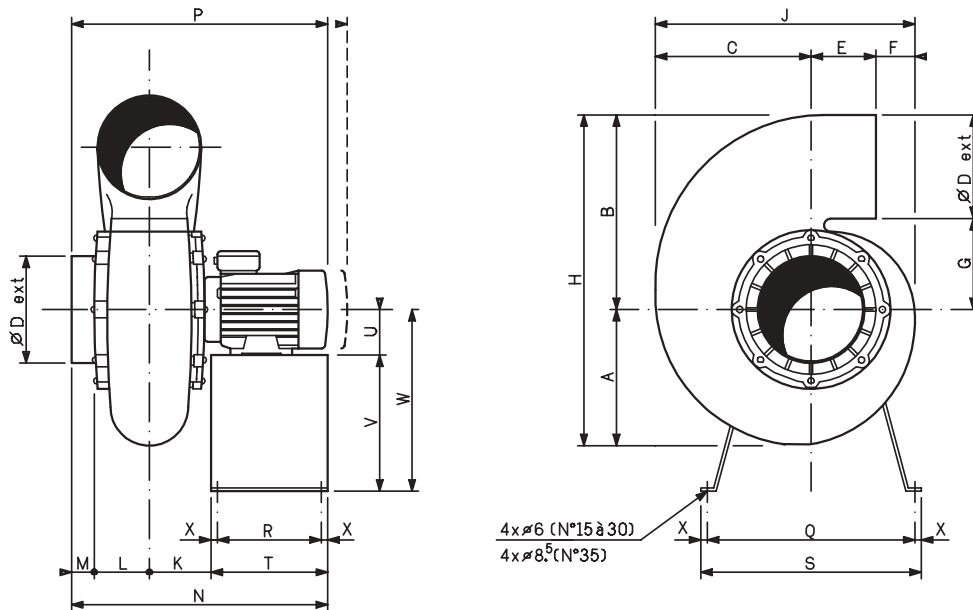
### Motors characteristics

CORO	standard motors															
	1 ph - 230 V				3 ph - 230/400 V						3 ph - 400 V					
	2P		4P		2P		4P		6P		2/4 P		4/6 P		4/8 P	
	kW	H axe	kW	H axe	kW	H axe	kW	H axe	kW	H axe	kW	H axe	kW	H axe	kW	H axe
15	0.37	71	0.25	71	0.37	71	0.25	71	-	-	-	-	-	-	-	-
20	0.75	80	0.25	71	0.75	80	0.25	71	0.18	71	0.75/0.15	80	0.37/0.25	71	0.37/0.07	71
25	-	-	-	-	1.5	90	0.37	71	0.18	71	2.2/0.6	90	0.37/0.25	71	0.37/0.07	71
30	-	-	-	-	-	-	1.5	90	0.55	80	-	-	1.1/0.37	90	1.1/0.18	90
35	-	-	-	-	-	-	5.5	132	2.2	112	-	-	-	-	-	-

Indicative values as per present catalogue of motors manufacturers

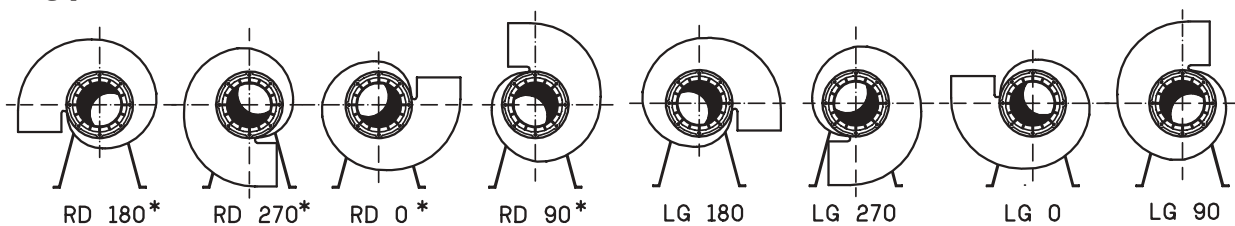
The protection devices dimensioning must be done as a function of the rated intensity of the motor mounted on the unit

### DIMENSIONS



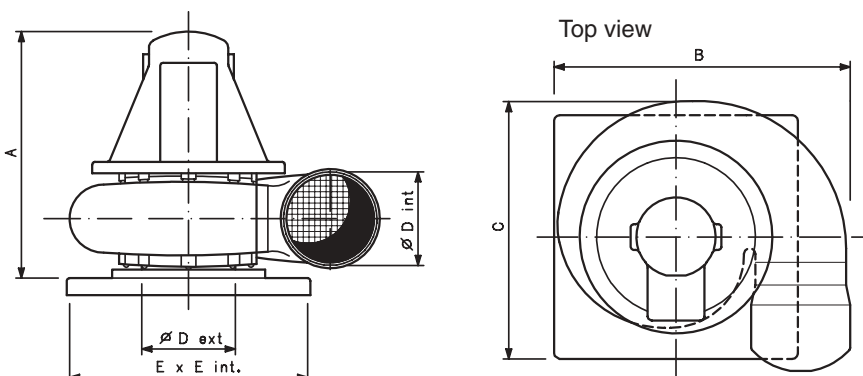
CORO	A	B	C	D	E	F	G	H	J	K	L	M	N	Q	R	S	T	V	X	U : motor axis height												Max. weight kg		
																				63		71		80		90		112		132				
																				W	P	W	P	W	P	W	P	W	P	W	P			
15	170	240	203	125	100	32	115	410	335	80	70	30	360	320	160	340	180	240	10	303	360	311	360	-	-	-	-	-	-	-	-	-	-	8
20	208	303	240	160	100	57	143	511	397	94	84	32	390	320	160	340	180	240	10	303	390	311	390	320	390	-	-	-	-	-	-	-	-	20
25	248	365	310	200	103	92	165	613	505	105	95	35	415	400	160	420	180	300	10	-	-	371	415	380	455	390	515	-	-	-	-	-	-	40
30	300	450	373	250	117	112	198	750	602	120	110	35	505	440	220	460	240	370	10	-	-	-	-	450	510	460	540	-	-	-	-	-	-	42
35	370	570	450	315	130	170	255	940	750	170	150	60	730	564	314	600	350	468	10	-	-	-	-	-	-	-	-	-	580	724	600	792	50	

### Mounting positions : Views on the intake side



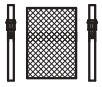

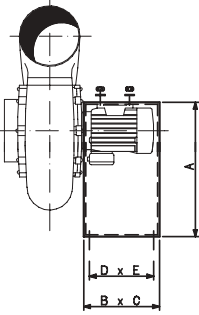
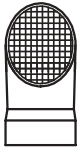

\* these positions do not exist for model N5 35

### DIMENSIONS




CORO	A	B	C	D	E
20	460	590	555	160	547
25	500	640	590	200	547
30	600	750	650	250	547
35	880	950	850	315	700

## MOUNTING ACCESSORIES

Description		CORO				
		15	20	25	30	35
	CODE	7025528	7025535	7025536	7025537	7025538
	PVC flexible sleeve with clamp collars	•	•	•	•	•
	CODE	7025539				
	Antivibratil mounts (4)	•	•			
	CODE	7025515	7025520	7025521	7025522	7025525
	Polypropylene high protection seat for outside mounting (seat mounted fan version)	•	•	•	•	•
	CODE	7025542	7025544	7025545	7025546	7025547
	Polypropylene diffuser for outside mounting (seat mounted fan version)	•	•	•	•	•
	CODE	7025553	7025556	7025557	7025558	7025559
	One way check valve, avoids counter-ventilation when the fan is stopped	•	•	•	•	•
<b>CORO</b>	Motor	A	B	C	D	E
<b>15</b>	0.18 kW / 4 pôles - 0.37 kW / 2 pôles	395	260	320	250	200
<b>20</b>	0.12 kW / 6 pôles - 0.18 kW / 4 pôles	450	260	330	260	200
<b>20</b>	0.75 kW / 2 pôles					
<b>25</b>	0.18 kW / 6 pôles - 0.37 kW / 4 pôles	550	365	400	330	300
<b>25</b>	0.37 kW / 2 pôles - 1.25 kW / 4 pôles					
<b>30</b>	0.55 kW / 6 pôles - 1.50 kW / 4 pôles	715	505	585	520	430
<b>35</b>	2.20 kW / 6 pôles - 5.50 kW / 4 pôles					

## ELECTRICAL ACCESSORIES

Description		CORO					
		15	20	25	30	35	
	For seat mounted version only	1 speed	0596142				
		Proximity switch	•	•			
	Proximity switch	2 speeds	0596147				
		Proximity switch	•	•			