

ERELIS



ULTRA-QUIET AND SLIM EXTRACTOR WITH BACK DRAUGHT DAMPER FOR CEILING AND WALL INSTALLATION.

MANUFACTURING FEATURES:

Ultra-quiet extractor for wall or ceiling installation with non-return damper to prevent the entry of unwanted or contaminating air. Eco-Friendly product manufactured with some recycled materials. Modern design with an ultra-thin 17mm thick front panel so that it does not come out when installed, which makes it a compact extractor ideal for short ducts (ideal for false ceilings and plasterboard). Very easy installation. Thanks to its impeller and motor anchor design with integrated deflectors we achieve very low sound levels with high airflows.

Housing and impeller made of UV-resistant ABS plastic (prevents aging caused by exposure to sunlight). Self-lubricated bushings motor protected against thermal overload.

Maximum working temperature in continuous: 50°C.

IPX4 protection. IMQ Safety certificate to guaranty the electromechanical compatibility.

Motor 230V 50Hz

Options:

- Basic
- Timer (T)
- Humidity sensor (HR) and timer (T)
- Motion sensor (Motion)

APPLICATIONS:

Ideal for ventilation of small and medium spaces of domestic and commercial buildings.

To be installed in ventilation ducts. Compatible with 100, 120 and 150 air ducts.

Technical data

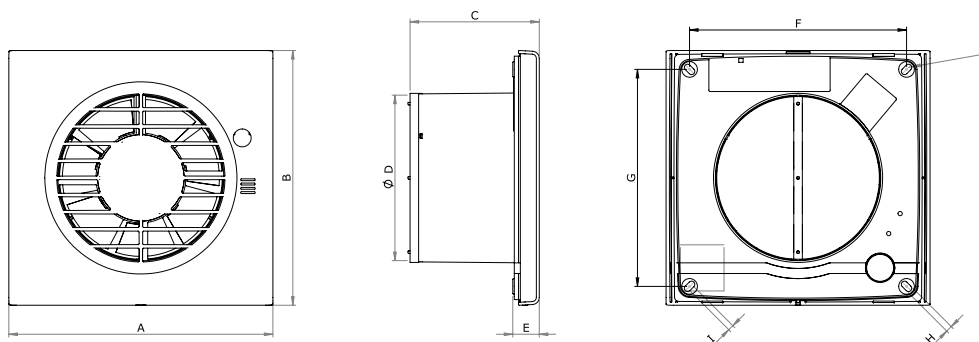
Single-phase motor

Code	Model	R.P.M.	Rated I. A 230V	Rated power kW	Max. Airflow m ³ /h	Sound db (A)**	Weight kg	Connect. diagram
ERE100	ERELIS 100	2400	0,09	0,02	90	-	0,72	1
ERE100M	ERELIS 100 Motion	2400	0,09	0,02	90	-	0,70	1
ERE100T	ERELIS 100 T	2400	0,09	0,02	90	-	0,74	2
ERE100THR	ERELIS 100 T HR	2400	0,09	0,02	90	-	0,70	3
ERE120	ERELIS 120	2150	0,12	0,02	180	-	0,91	1
ERE120M	ERELIS 120 Motion	2150	0,12	0,02	180	-	0,90	1
ERE120T	ERELIS 120 T	2150	0,12	0,02	180	-	1,07	2
ERE120THR	ERELIS 120 T HR	2150	0,12	0,02	180	-	0,90	3
ERE150	ERELIS 150	2100	0,15	0,03	340	-	1,29	1
ERE150M	ERELIS 150 Motion	2100	0,15	0,03	340	-	1,20	1
ERE150T	ERELIS 150 T	2100	0,15	0,03	340	-	1,29	2
ERE150THR	ERELIS 150 T HR	2100	0,15	0,03	340	-	1,30	3

Notes:

** Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

Dimensions



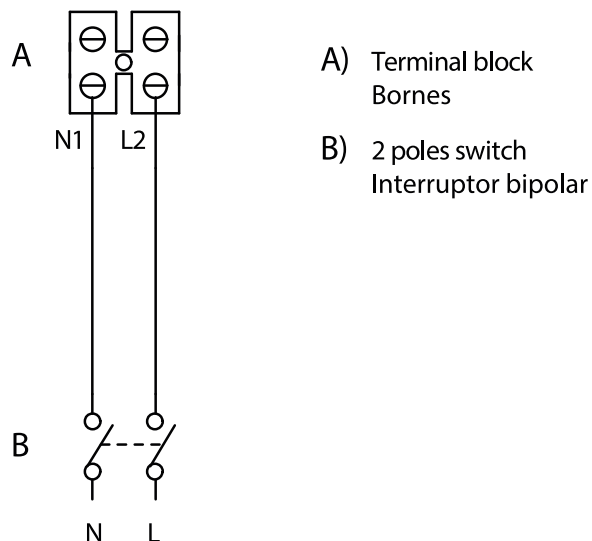
Model	A	B	C	D	E	F	G	H	I
ERELIS 100	162	158	79	98	18.5	132	132	5	4
ERELIS 100 Motion	162	158	79	98	18.5	132	132	5	4
ERELIS 100 T	162	158	79	98	18.5	132	132	5	4
ERELIS 100 T HR	162	158	79	98	18.5	132	132	5	4
ERELIS 120	185	178	90	119	18.5	152	152	4.5	4
ERELIS 120 Motion	185	178	90	119	18.5	152	152	4.5	4
ERELIS 120 T	185	178	90	119	18.5	152	152	4.5	4
ERELIS 120 T HR	185	178	90	119	18.5	152	152	4.5	4
ERELIS 150	218	213	98	155	18.5	185	185	4.5	4
ERELIS 150 Motion	218	213	98	155	18.5	185	185	4.5	4
ERELIS 150 T	218	213	98	155	18.5	185	185	4.5	4
ERELIS 150 T HR	218	213	98	155	18.5	185	185	4.5	4

Model	R
ERELIS 100	2.3
ERELIS 100 Motion	2.3
ERELIS 100 T	2.3
ERELIS 100 T HR	2.3
ERELIS 120	2.25
ERELIS 120 Motion	2.25
ERELIS 120 T	2.25
ERELIS 120 T HR	2.25
ERELIS 150	2.3
ERELIS 150 Motion	2.3
ERELIS 150 T	2.3

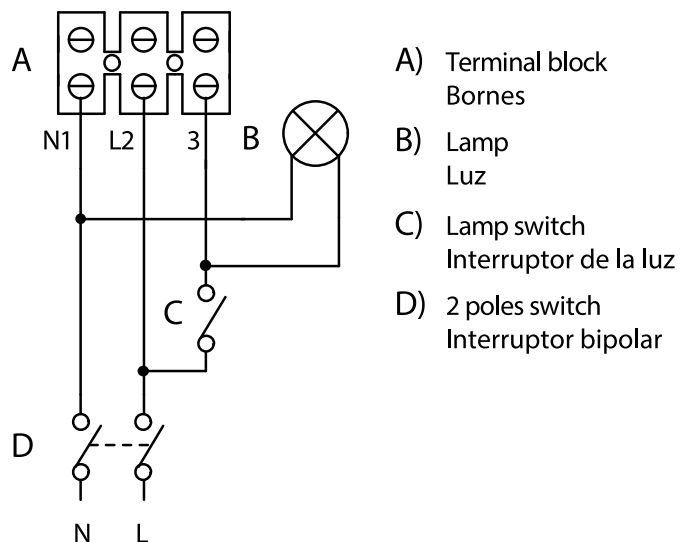
Model	R
ERELIS 150 T HR	2.3

Wiring diagram

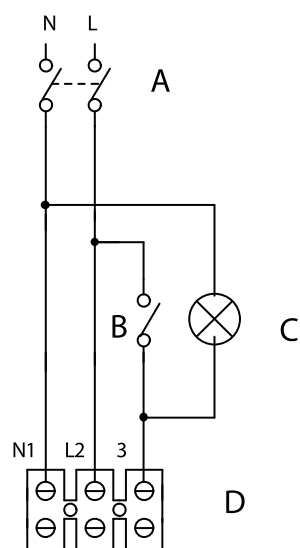
Wiring diagram Nº 1



Wiring diagram Nº 2



Wiring diagram Nº 3



A) Double pole switch
Interruptor bipolar

B) Switch
Interruptor

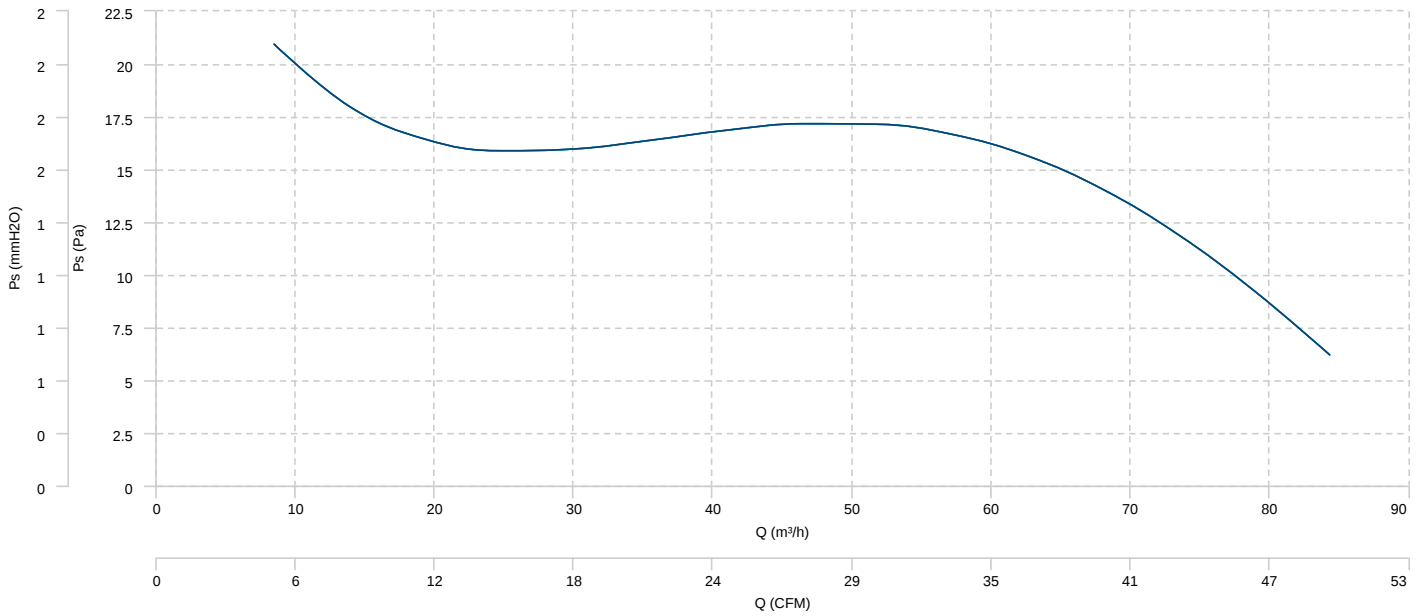
C) Lamp
Luz

D) Terminal block
Bornes

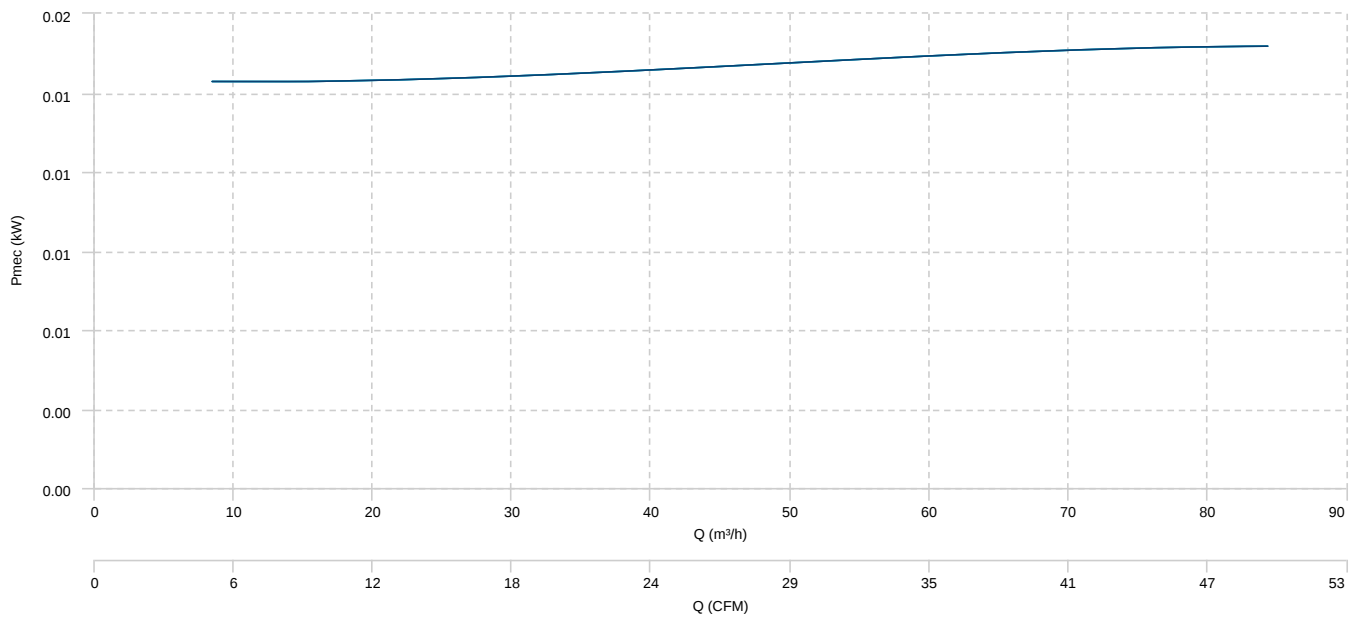
CHARACTERISCTIC CURVE

ERELIS 100 ERELIS 100 Motion ERELIS 100 T ERELIS 100 T HR

AIR FLOW - PRESSURE



AIR FLOW - MECHANICAL POWER



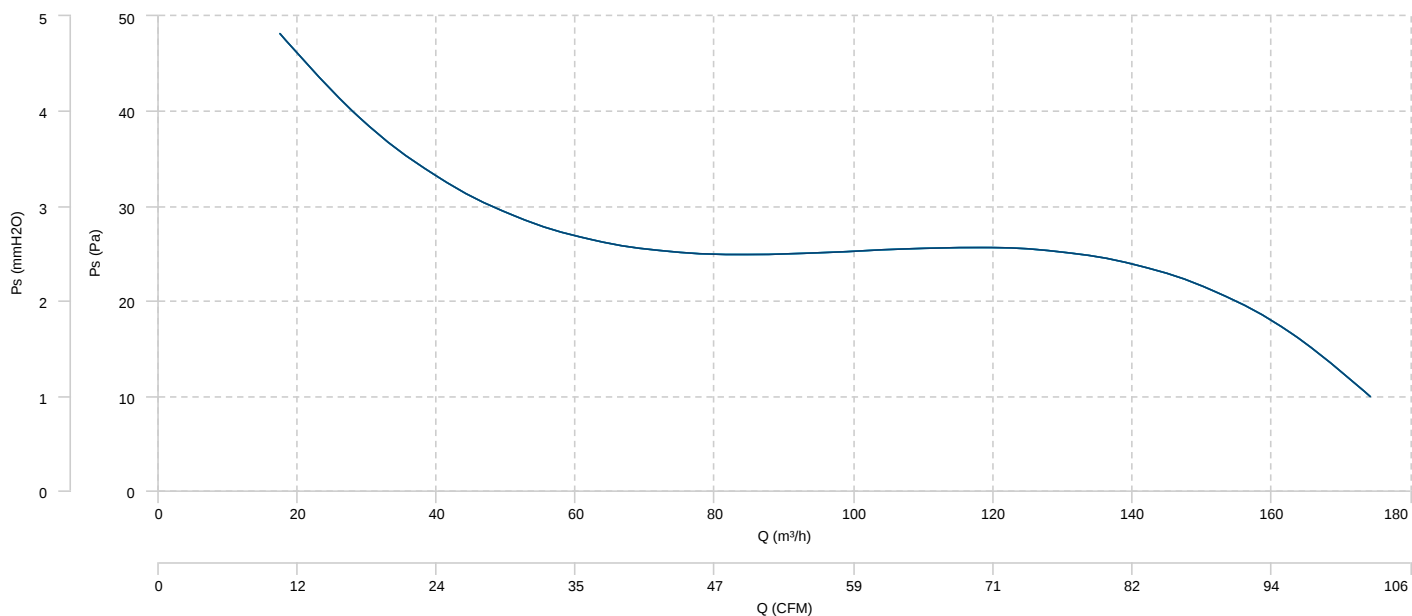
ERELIS 120

ERELIS 120 Motion

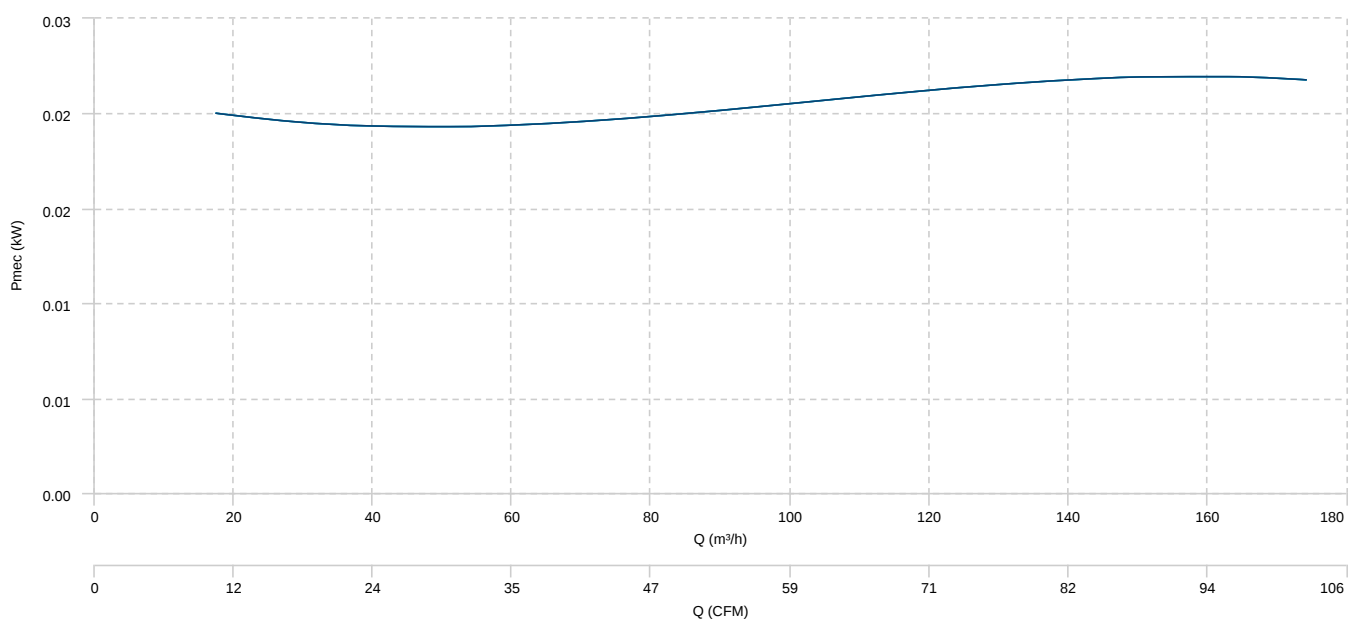
ERELIS 120 T

ERELIS 120 T HR

AIR FLOW - PRESSURE



AIR FLOW - MECHANICAL POWER



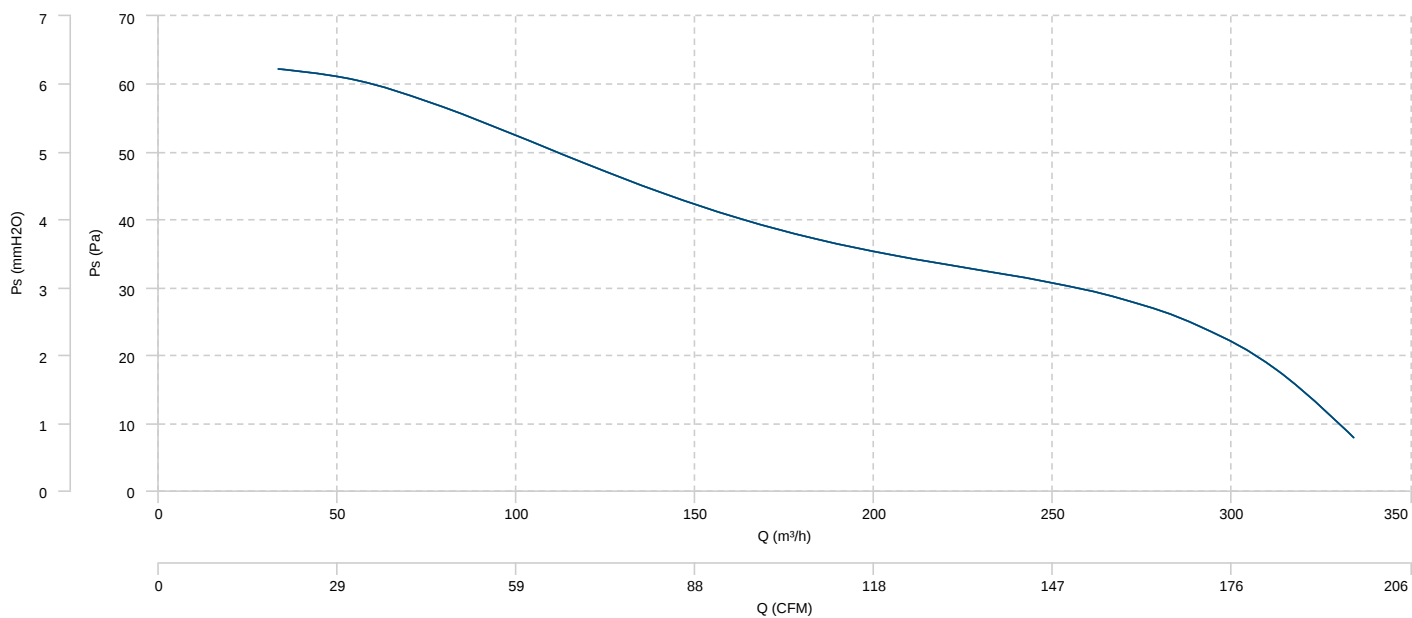
ERELIS 150

ERELIS 150 Motion

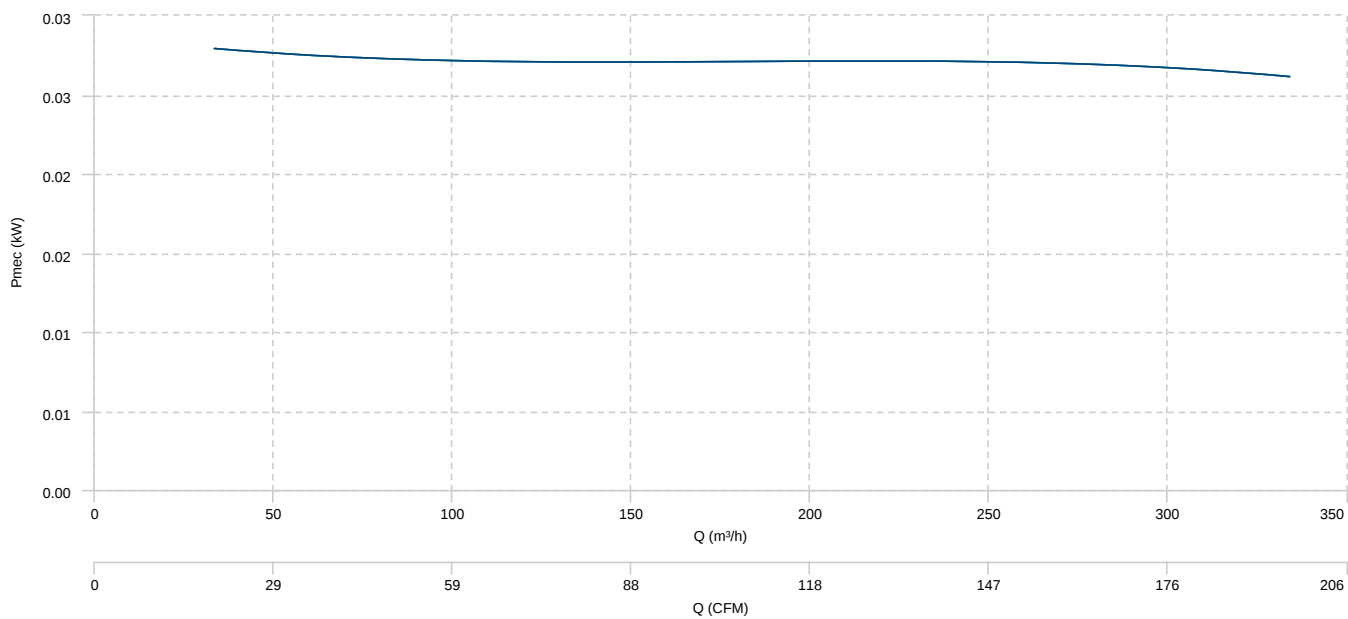
ERELIS 150 T

ERELIS 150 T HR

AIR FLOW - PRESSURE



AIR FLOW - MECHANICAL POWER



Sound data

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
ERELIS 100	Radiated	-	28	37	41	48	44	43	30	-
ERELIS 100 Motion	Radiated	-	28	37	41	48	44	43	30	-
ERELIS 100 T	Radiated	-	28	37	41	48	44	43	30	-
ERELIS 100 T HR	Radiated	-	28	37	41	48	44	43	30	-
ERELIS 120	Radiated	-	35	43	47	50	48	46	34	-
ERELIS 120 Motion	Radiated	-	35	43	47	50	48	46	34	-
ERELIS 120 T	Radiated	-	35	43	47	50	48	46	34	-
ERELIS 120 T HR	Radiated	-	35	43	47	50	48	46	34	-
ERELIS 150	Radiated	-	46	50	51	56	53	50	39	-
ERELIS 150 Motion	Radiated	-	46	50	51	56	53	50	39	-
ERELIS 150 T	Radiated	-	46	50	51	56	53	50	39	-
ERELIS 150 T HR	Radiated	-	46	50	51	56	53	50	39	-