

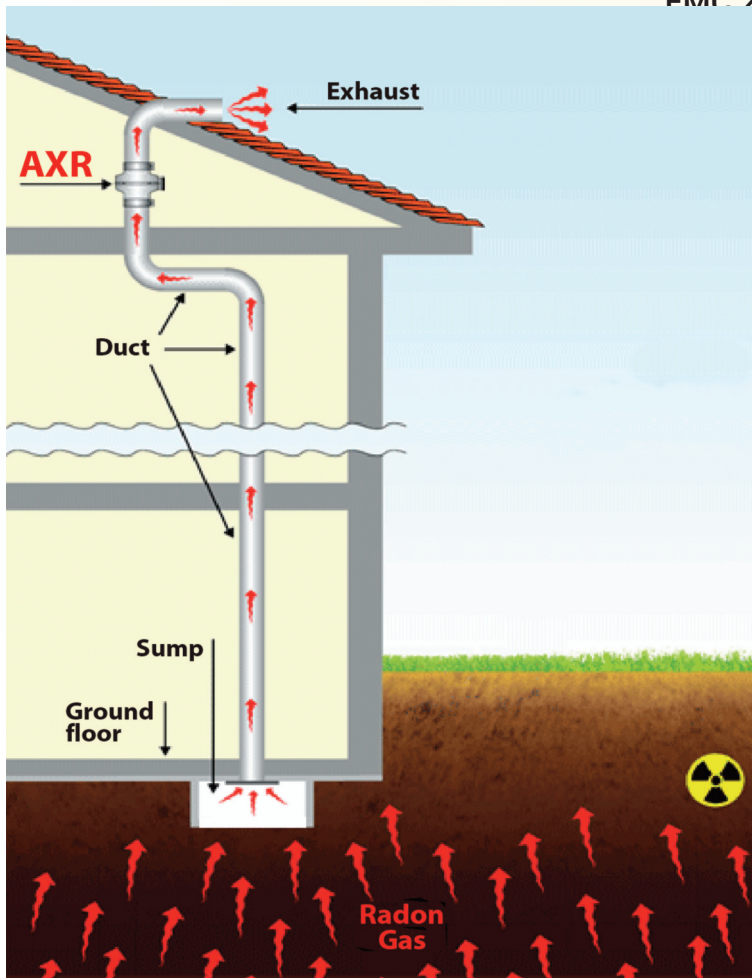
Centrifugal in-line Fans for RADON mitigation



AXR



- In-line centrifugal fan for residential or commercial application for RADON gas extraction.
- Suitable for clean air operation to in maximum of 50°C.
- Housing in self-extinguishing V2 technopolymer.
- Leak proof sealing.
- Self cleaning backward curved blades
- With 1.2m connection cable
- Statically and dynamically balanced according to ISO 1940
- Single-phase ball bearing motor (230V-50Hz) provided with thermal cut-out, suitable for continuous running
- Class II insulation (no earth required)
- Comply with CEI EN 60335-2-80, EN 60335-2-31, FMC 2014/30/UE and LVD 2014/35/UE



RADON is a colourless, chemically inert and radioactive, odorless gas present in some soils. It is produced and dispersed in the environment, accumulating in closed rooms where it becomes dangerous.

The presence of indoor RADON is generally due to a pressure difference between the external and internal environment causing the RADON emitted from the ground to be sucked up to the lower floors and eventually further up into the dwelling.

If RADON gas is detected inside a house the most effective way to remove it is to fit a sump in the basement to capture the Radon, and extract it (via ducting) using an AXR fan making sure it is safely vented out into the atmosphere.

Vectaire will be able to advise on the correct size of fan to install.

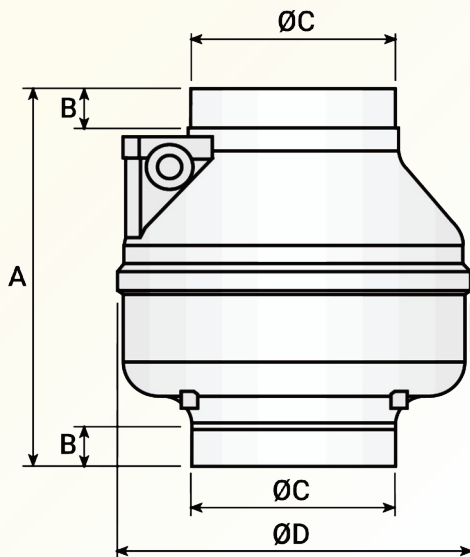
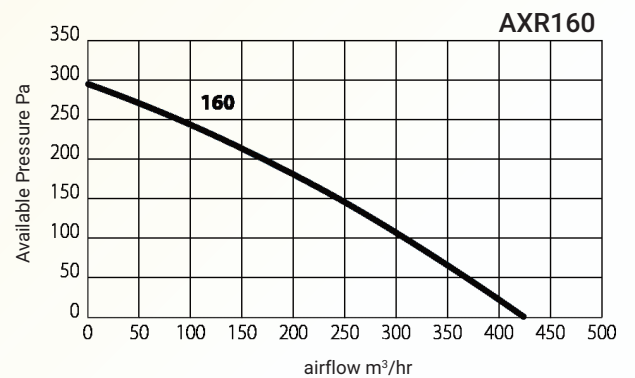
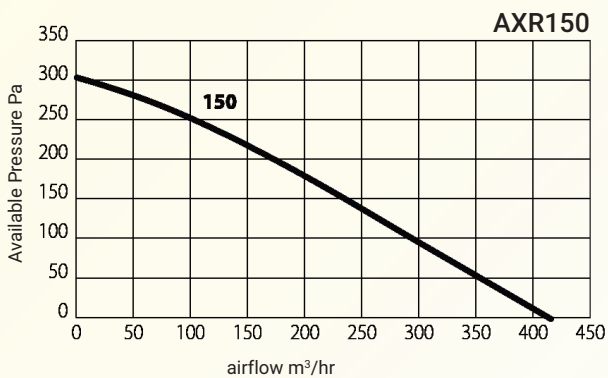
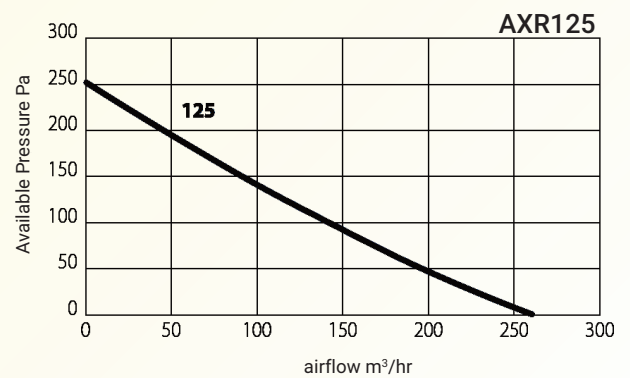
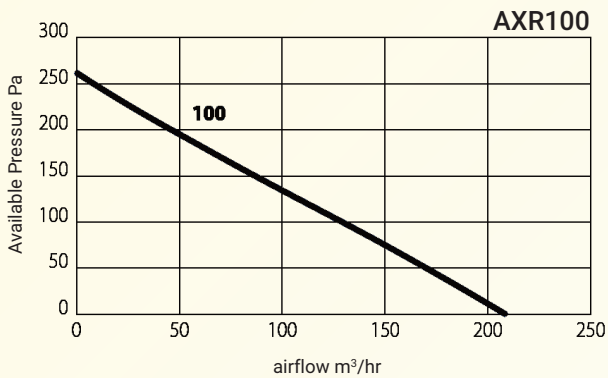


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TECHNICAL CHARACTERISTICS								
Model	Duct \varnothing mm	Airflow		Max Pressure Pa	A	W	Sound Pressure at 3m dB(A)*	Protection
		m ³ /hr	l/sec					
AXR100	100	211	59	263	0.127	27	36.1	IPX5
AXR125	125	265	74	251	0.129	27	37.1	IPX5
AXR150	150	415	115	301	0.290	65	38.1	IPX5
AXR160	160	432	120	294	0.284	65	39.1	IPX5

* sound pressure at 3m with fan ducted

PERFORMANCE (curves are for guidance only)



DIMENSIONS					
Model	A	B	ØC	ØD	Kg
AXR100	238	25	98	212	1.5
AXR125	238	25	123	212	1.5
AXR150	232	28	147	253	2
AXR160	232	28	157	253	2

