

expella VENTILATION Series Linear Slot Diffuser



# expella VENTILATION Series Linear Slot Diffuser Instruction Manual

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expella VENTILATION Series Linear Slot Diffuser



## Product Information

### Product Specifications:

- **Model:** Linear Slot Diffuser
- **Code:** 8168 (600mm), 8170 (780mm)

- **Dimensions:** 1LSG600 – 580mm, 1LSG780 – 770mm

## Product Usage Instructions

### Installation:

1. Cut the ceiling to the required size.
2. Feed the spigot into the ceiling cavity through the hole.
3. Connect the duct to the spigot using duct tape and cable tie.
4. Feed the plenum box into the ceiling cavity through the hole.
5. Secure the spigot to the plenum box using an M5 screw.
6. Install the facia into the plenum.
7. (Optional) Seal any gaps with a small bead of gap sealant matching the ceiling colour.

### Rough-in:

Install an inline fan system with 150mm flexible ducting routed from the fan intake to the location of the Linear Slot Grille. Allow for additional ducting as needed.

### Additional Tips:

- Make sure to check for clearance of the ceiling framing before installation.
- Fold up the spring and feed it through the opening in the plenum to engage the facia securely.

### Frequently Asked Questions (FAQ):

- **Q: How can I ensure a proper fit during installation?**

A: Double-check measurements and ensure there is enough clearance for all components within the ceiling cavity.

- **Q: Do I need to seal any gaps after installation?**

A: It is recommended to seal any visible gaps using a matching gap sealant for a clean finish.

## PARTS INCLUDED

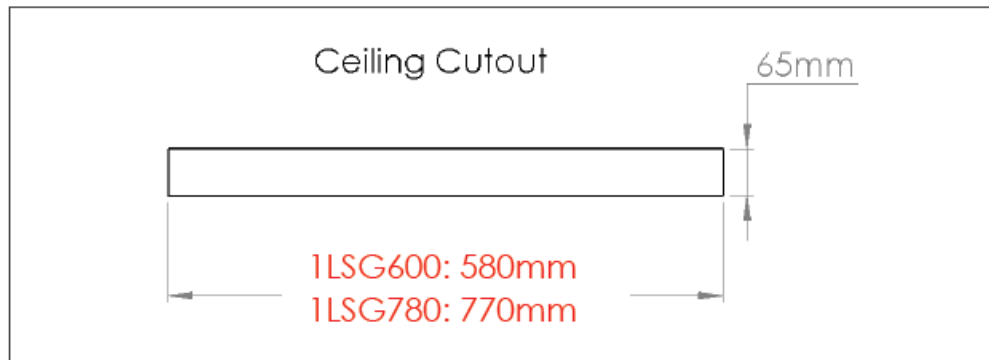
Description		Qty
Facia (780B)		1
Facia (600B)		1
Plenum Box	(780B)	1
Plenum Box (600B)		1
Spigot, Oval (150mm flex duct)		1
Screw, Button Head Cap, M5 x 16		1

## INSTALLATION

## Rough-in

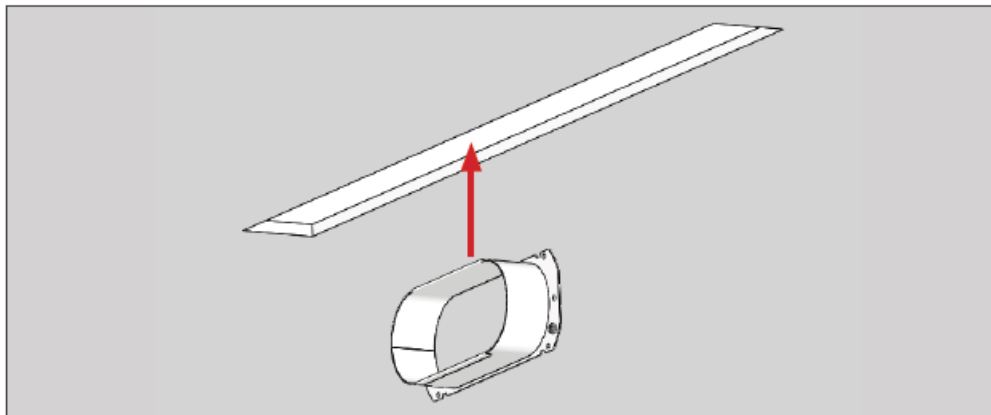
Install an inline fan system with 150mm flexible ducting routed from the intake of the fan to the location of the Linear Slot Grille. Allow a small amount of additional ducting.

### 1. Cut ceiling

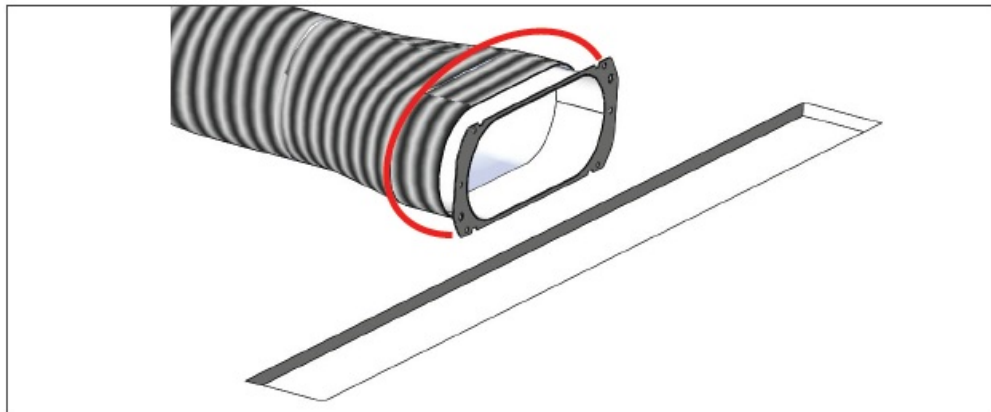


**WARNING:** Check for clearance of ceiling framing.

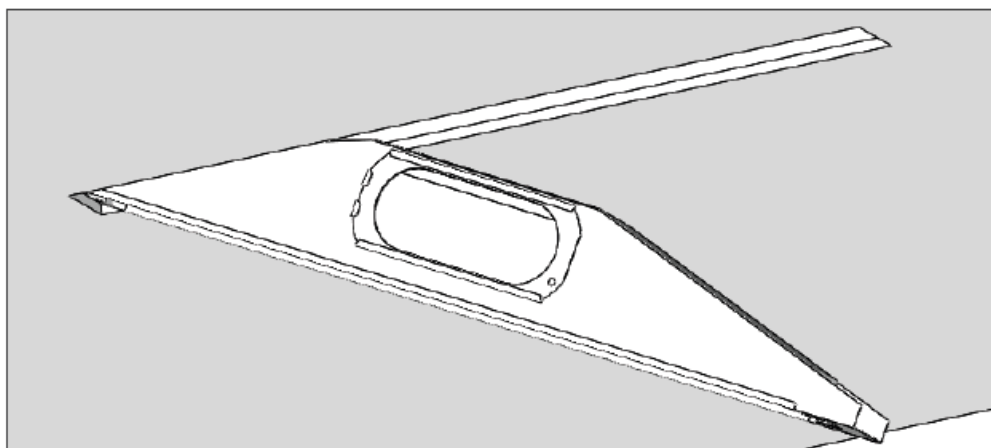
### 2. Feed spigot into ceiling cavity, through hole



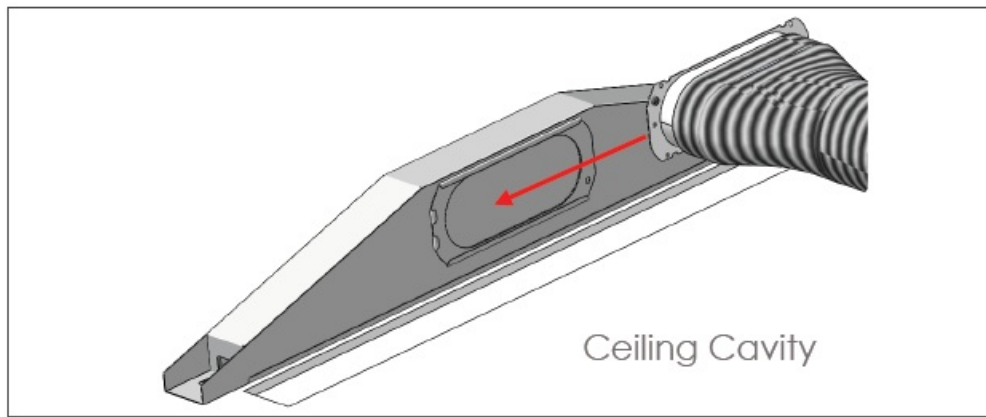
### 3. Connect the duct to the spigot using duct tape and cable tie



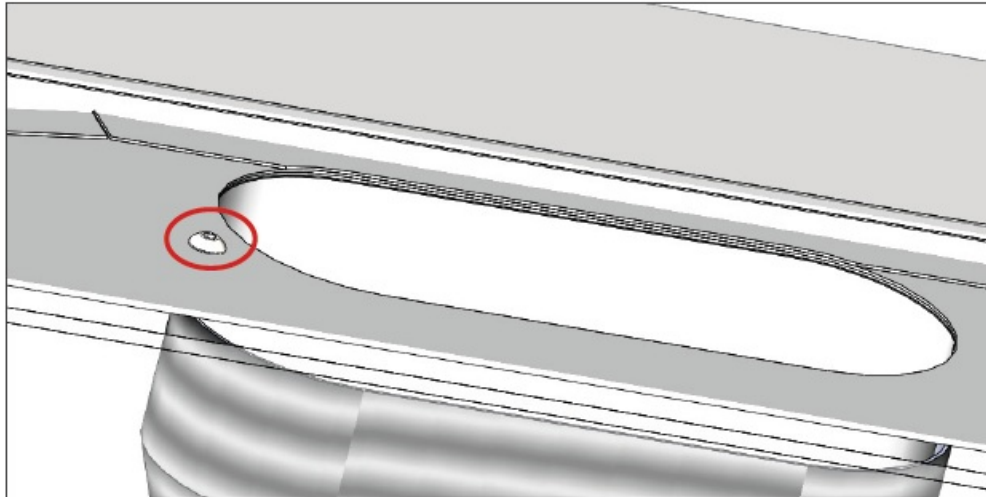
### 4. Connect the duct to the spigot using duct tape and cable tie



### 5. Connect spigot to plenum box

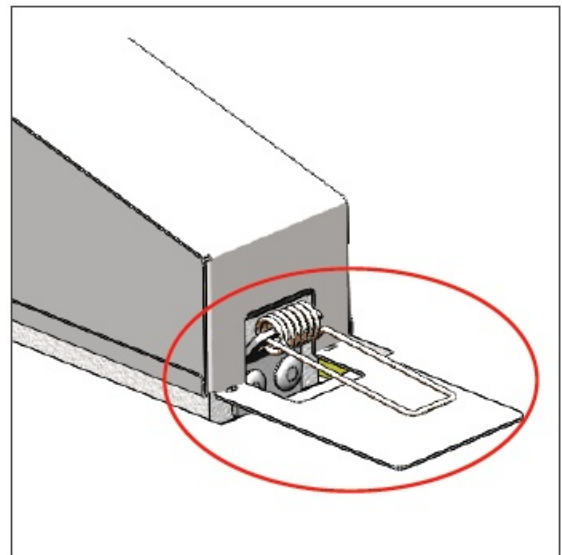
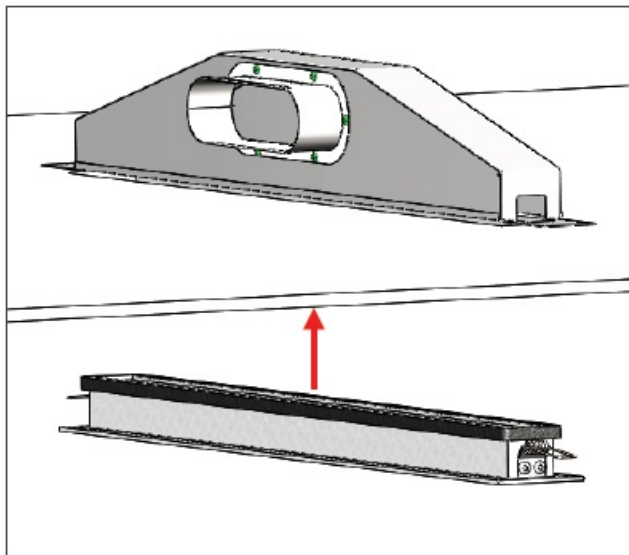


6. Secure the spigot to the plenum with an M5 screw



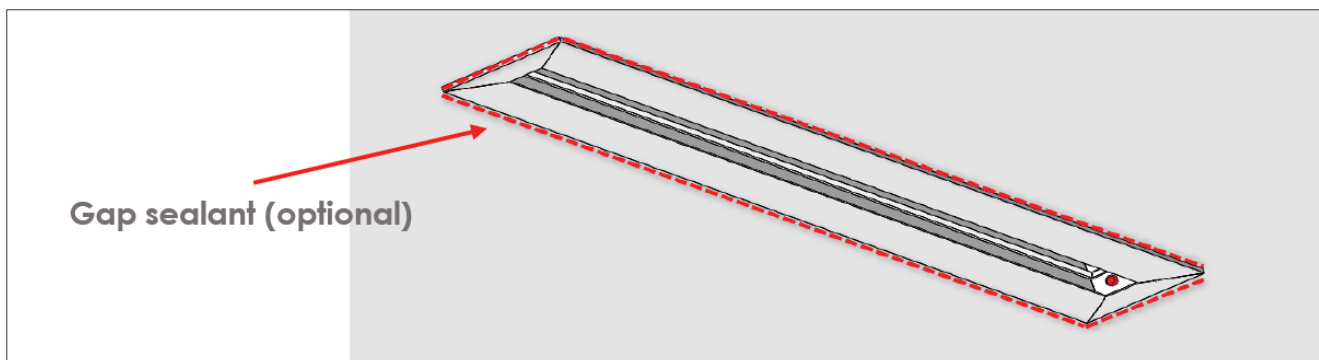
7. Install fascia into plenum.

- Fold up spring. Feed spring through an opening in the plenum.
- Release the spring to engage the fascia into the plenum.

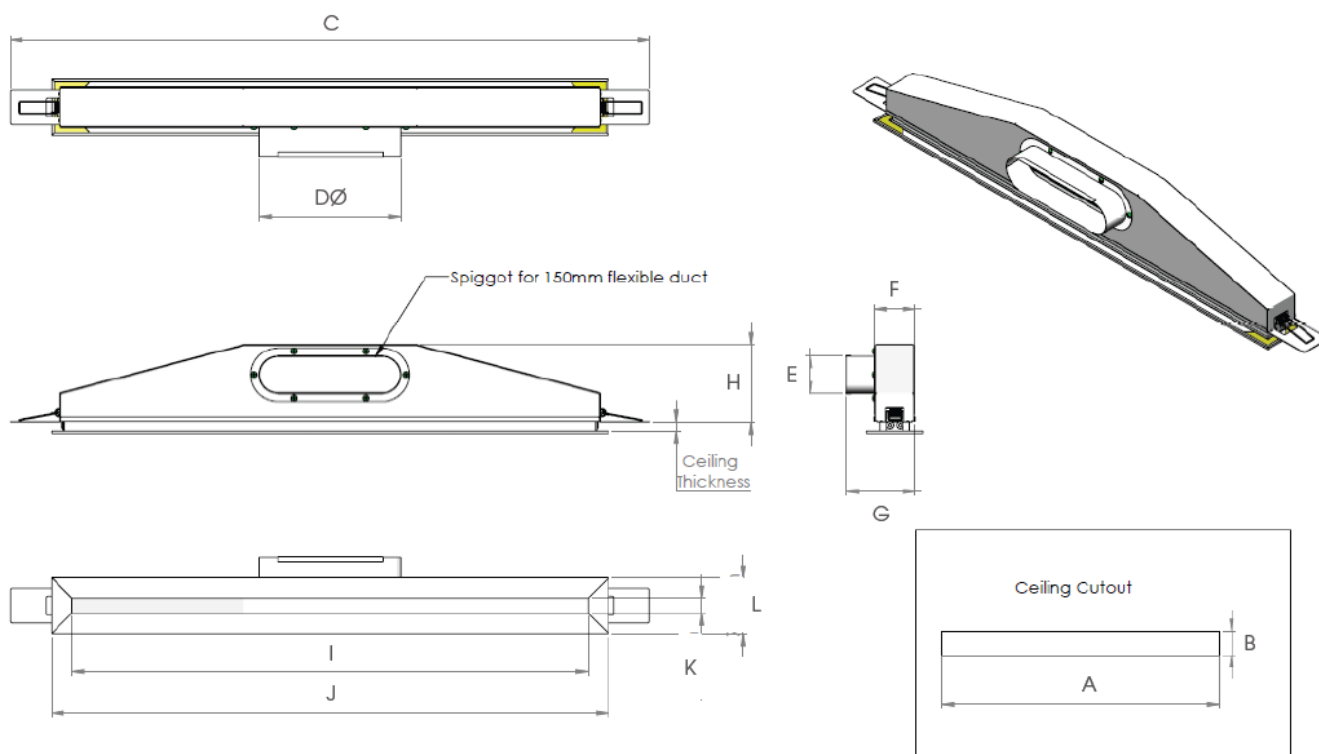


8. **Seal Gap (optional)**

For a premium finish, use a small bead of gap sealant (colour to match the ceiling) where the fascia meets the ceiling.



## DIMENSIONS



Model	Cut out		Plenum Box						Facia			
	A	B	C	D	E	F	G	H	I	J	K	L
600mm	580	65	695	197	53	67	106	118	537	598	22	78
780mm	770	65	888	197	53	57	96	110	718	775	22	78

## WARRANTY

2-year warranty from the date of purchase.

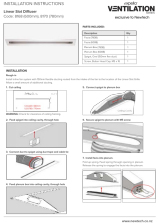
## CONTACT US

- 30 Mill Road, Whanganui
- 0800 728 662
- [sales@newtech.co.nz](mailto:sales@newtech.co.nz).

- [www.newtech.co.nz](http://www.newtech.co.nz).

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## Documents / Resources

	<a href="#">expella VENTILATION Series Linear Slot Diffuser</a> [pdf] Instruction Manual VENTILATION Series Linear Slot Diffuser, VENTILATION Series, Linear Slot Diffuser, Slot Diffuser, Diffuser
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## References

- [🌐 Ventilation Solutions For A Healthy Home and Workplace | Expella](#)
- [🇳🇿 Newtech | Innovative Bathroomware Products & Design in New Zealand](#)
- [User Manual](#)

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