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<b>Document Type</b>
Green Building Rating Compatibility Analysis

<b>Document Code</b>
ES-GSNZ-17-88

Validity		
	Office 2009 + V3 / Interiors 2009 + V3 / Education 2009 + V3 + V3.1 / Industrial 2009 + V3	Not yet assessed
	Homestar V2 + V3+V4	✓
	V 1.1	Not applicable
	V3.0	Not yet assessed
	NABERSNZ	Not yet assessed
	Passivhaus	✓
	Net Zero NZ	Not yet assessed

<b>Client</b>
Fantech

<b>Product Name</b>
Zehnder ComfoAir Q

<b>Product Description</b>
<p>The ComfoAir Q range helps to provide efficient performance and simple installation. The design of the system and controls ensures that the indoor climate is not compromised and is , no matter what is going on outside.</p>


Manner in which the product may contribute towards points	Legend of Symbols in EnviroSpec
Products must meet specific criteria (e.g. Paint VOC emissions, carpets, etc)	✓
Products may help achieve points by their very nature, if they are specified and installed (e.g. bicycle racks)	●
Products may help achieve an outcome but they must be used in a specific manner (e.g. lighting control and zoning systems) OR The nominated product can contribute towards the outcome but many other products or factor influence that same outcome (E.g. Potable Water Calculator)	○

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Tool	Credit category	Points available	Requirements	Contribution symbol	Contribution Potential	Details of compliance
Homestar V2+V3	EHC-1	6	This credit rewards the reduction of carbon dioxide emitting space heaters.	○	Contribution Factor	On the basis the building is airtight, using a Zehnder system will mean you need to spend less energy on space heating as heat recovery is provided by the system.
	EHC-6	15	This credit rewards the reduction of purchased energy associated with space heating of the house, through good passive solar design.	○	Contribution Factor	On the basis the building is airtight, using a Zehnder system will mean reduced re heat energy demand which claims points in this credit.
	EHC - 7	4.5	This credit rewards the reduction of moisture levels and improved indoor environment for occupants.	○	Contribution Factor	Assuming the walls, foors and ceilings are insulated to at least R1.5 the nominated product can contribute towards 0.4 points under the “moisture removal” category.  With the nominated product the whole house can be mechanically supplied with air and heat exchange used from exhausted air.
Homestar V4	EHC-3	4	This credit rewards the recognition of ventilation measures for the control of indoor moisture levels, improved indoor environment for occupants; reduced respiratory illnesses, risk of mould and increased durability of the dwelling.	○	Contribution Factor	The nominated product is a ventilation system with heat recovery installed consisting of ducted supply and extract fans and has a balance of flow rates.  Note: 3 points can be achieved if the doors to habitable rooms are undercut or transfer grill setup (e.g. 20 mm high gap under 760 mm wide door). Attached garage door to the inside of the house must be sealed on all four edges to minimise the ingress of pollutants.  Please note: The additional 1 point is Commissioning of ventilation systems where ventilation systems installed are inspected and required volume rates for mechanical systems are measured.
Greenstar Office 2009+v3 + Interiors 2009+v3 + Education 2009+v3+v3.1 + Industrial 2009+v3	-	-		-	-	This product is not applicable to the scope of this rating system
Passivhaus		Pass/Fail	This accreditation is associated with reducing purchased energy and making efficient use of the sun, internal heat sources and heat recovery, rendering conventional heating systems unnecessary. The use of passive cooling techniques is also used for warmer months.	✔	Pass	The nominated product is Certified as official Passive House Components by the Passivhaus Institute.
Living Building Challenge	-	-		-	-	This product is not applicable to the scope of this rating system