

Flow models

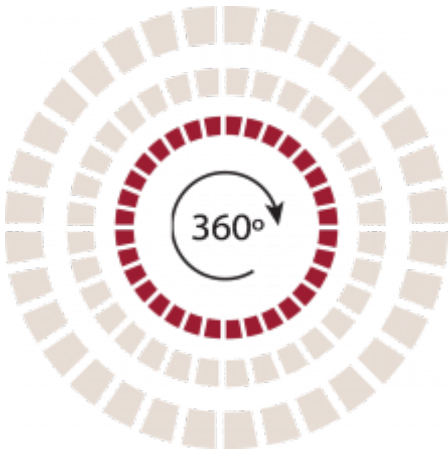
To ensure a comfortable working climate, ducts installed around the building should provide sufficient ventilation, heating and cooling levels. Requirements will vary from room to hall and from application to application. FabricAir utilizes flow models to effectively cater to these needs. Read more about [flow models](#).

Compare

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FabFlow™

COMPARE



In FabFlow™ the air exits the duct through the permeable fabric surface. The air is driven by thermodynamic forces preventing drafts in the occupied zone, which results in a high level of comfort.

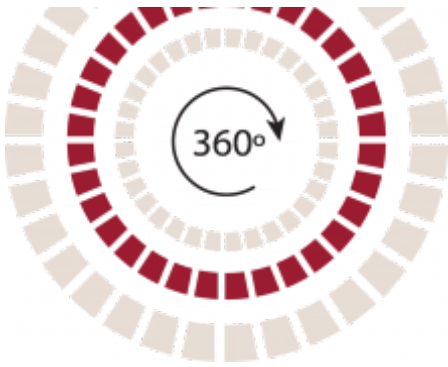
Supported products:

[Trevira Basic](#) [Trevira CS 100](#) [Trevira CS 150](#) [Combi 20](#) [Combi 30](#) [Combi 60](#) [Combi 65](#) [Combi 70](#)
[Combi 80](#) [Combi 85](#) [Combi 90](#) [Lite 5](#) [Lite 10](#) [Lite 15](#) [Lite 20](#) [Glass 220](#) [Poly](#)

MicroFlow™

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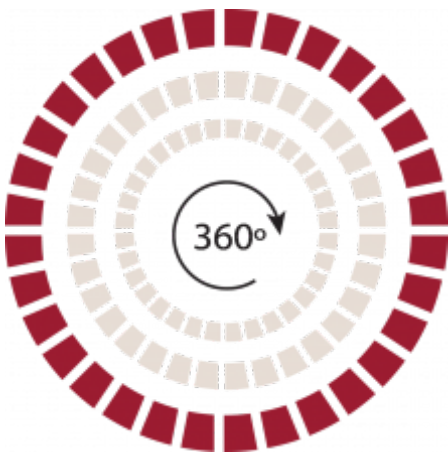
With MicroFlow™ the air exits the duct via laser cut micro-perforations along the circumference of the duct. The micro-perforations can cover between 90° and 360° of the duct's circumference. MicroFlow™ has the smallest near-zone of all of the perforated fabrics available. In most cases the near-zone will not extend beyond 300 mm [11.81"].

Supported products:

[Trevira Basic](#) [Trevira CS 100](#) [Trevira CS 150](#) [Combi 20](#) [Combi 30](#) [Combi 60](#) [Combi 65](#) [Combi 70](#)
[Combi 80](#) [Combi 85](#) [Combi 90](#) [Lite 5](#) [Lite 10](#) [Lite 15](#) [Lite 20](#) [Glass 220](#) [Poly](#)

PerfoFlow™

COMPARE



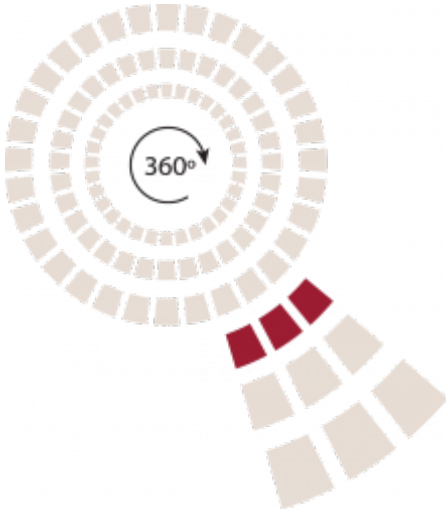
With PerfoFlow™ the air exits the duct via laser cut perforations along the circumference of the duct. The perforations can cover between 90° and 360° of the duct's circumference. The size of the near zone depends on the static pressure inside the duct, the percentage of the circumference that is perforated, and the size and spacing of the perforations.

Supported products:

[Trevira Basic](#) [Trevira CS 100](#) [Trevira CS 150](#) [Combi 20](#) [Combi 30](#) [Combi 60](#) [Combi 65](#) [Combi 70](#)

SonicFlow™

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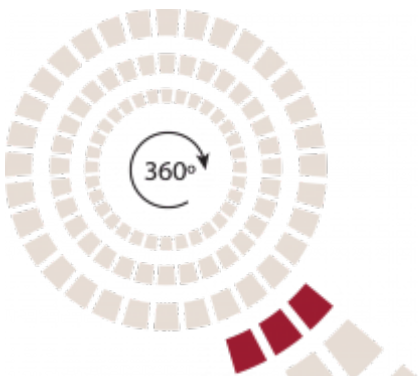
SonicFlow™ is a directional flow model where the air exits the duct via rows of laser cut perforations. Multiple rows of SonicFlow™ can be specified for a duct, with each row covering a maximum of 30° of the circumference. The throw depends on the static pressure inside the duct, the size, and spacing of the perforations.

Supported products:

[Trevira Basic](#) [Trevira CS 100](#) [Trevira CS 150](#) [Combi 20](#) [Combi 30](#) [Combi 60](#) [Combi 65](#) [Combi 70](#)
[Combi 80](#) [Combi 85](#) [Combi 90](#) [Lite 5](#) [Lite 10](#) [Lite 15](#) [Lite 20](#) [Glass 220](#) [Poly](#)

OriFlow™

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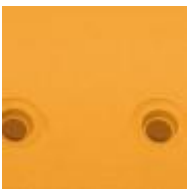
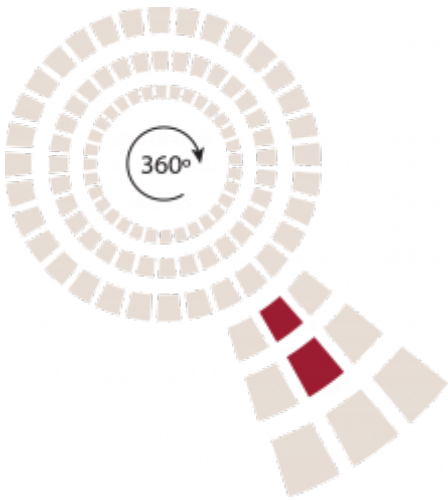
OriFlow™ is a directional flow model where the air exits the duct via rows of laser cut orifices. Multiple rows of OriFlow™ can be specified for a duct. The throw depends on the static pressure inside the duct, the size, and spacing of the orifices.

Supported products:

[Trevira Basic](#) [Trevira CS 100](#) [Trevira CS 150](#) [Combi 20](#) [Combi 30](#) [Combi 60](#) [Combi 65](#) [Combi 70](#)
[Combi 80](#) [Combi 85](#) [Combi 90](#) [Lite 5](#) [Lite 10](#) [Lite 15](#) [Lite 20](#) [Glass 220](#) [Poly](#)

NozzFlow™

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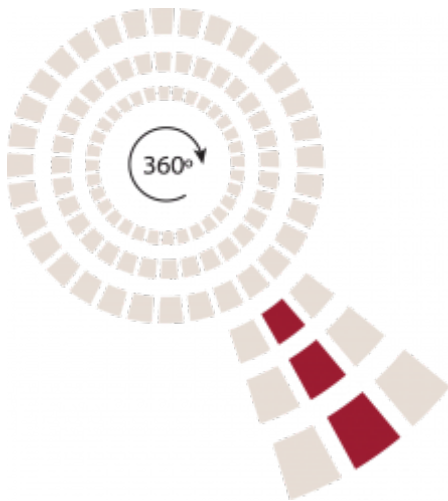


NozzFlow™ is used in applications where very precise directional airflow is needed. The discharge coefficient is almost at unity due to the shape of the nozzle. This results in higher discharge velocities than an equivalently sized orifice, and longer more directional throws.

Supported products:

[Trevira Basic](#) [Trevira CS 100](#) [Trevira CS 150](#) [Combi 20](#) [Combi 30](#) [Combi 60](#) [Combi 65](#) [Combi 70](#)
[Combi 80](#) [Combi 85](#) [Combi 90](#) [Lite 5](#) [Lite 10](#) [Lite 15](#) [Lite 20](#) [Glass 220](#) [Poly](#)

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JetFlow™ is capable of generating exceptionally long throws through the use of conical jets in varying diameters. The jets have a very high discharge coefficient due to the conical shape. This results in higher discharge velocities than an equivalently sized orifice.

Supported products:

[Trevira Basic](#) [Trevira CS 100](#) [Trevira CS 150](#) [Combi 20](#) [Combi 30](#) [Combi 60](#) [Combi 65](#) [Combi 70](#)
[Combi 80](#) [Combi 85](#) [Combi 90](#) [Lite 5](#) [Lite 10](#) [Lite 15](#) [Lite 20](#) [Glass 220](#) [Poly](#)

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