

www.casals.com

Jet fans

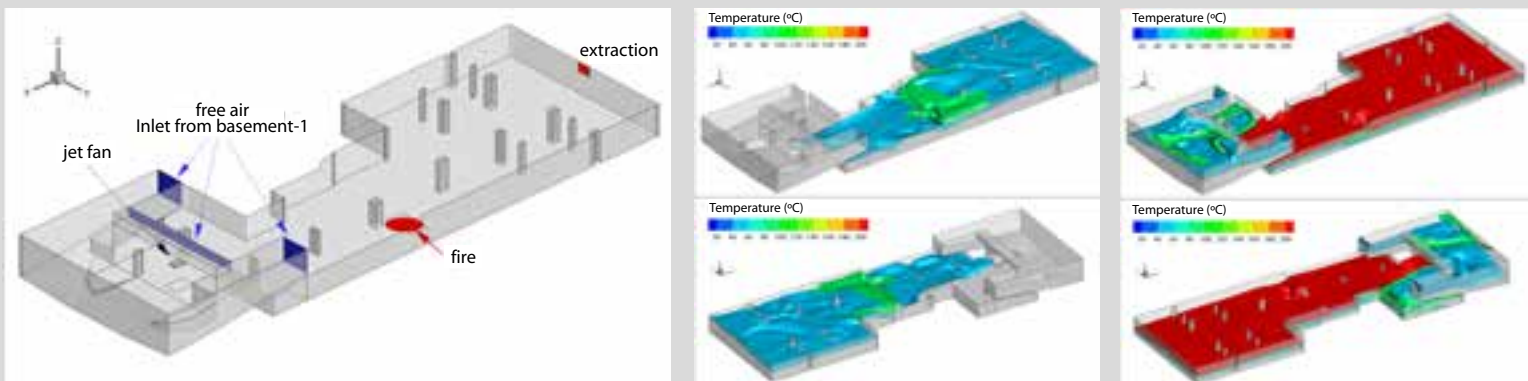
and CFD simulation



	<p>JF Jet fan Conceived for car parkings and large spaces where polluted air, or smoke from an accidental fire, needs to be effectively removed.</p> <table border="0"> <thead> <tr> <th></th> <th>Q max. (m³/h)</th> <th>Q max. (CFM)</th> </tr> </thead> <tbody> <tr> <td>JF CONFORT</td> <td>2.245 - 8.460 m³/h</td> <td>1,321.36 - 4,979 CFM</td> </tr> <tr> <td>JF F300 300°C/2H</td> <td>2.180 - 8.460 m³/h</td> <td>1,283.10 - 4,979 CFM</td> </tr> <tr> <td>JF F400 400°C/2H</td> <td>2.070 - 8.050 m³/h</td> <td>1,219.36 - 4,738 CFM</td> </tr> </tbody> </table>		Q max. (m³/h)	Q max. (CFM)	JF CONFORT	2.245 - 8.460 m³/h	1,321.36 - 4,979 CFM	JF F300 300°C/2H	2.180 - 8.460 m³/h	1,283.10 - 4,979 CFM	JF F400 400°C/2H	2.070 - 8.050 m³/h	1,219.36 - 4,738 CFM
	Q max. (m³/h)	Q max. (CFM)											
JF CONFORT	2.245 - 8.460 m³/h	1,321.36 - 4,979 CFM											
JF F300 300°C/2H	2.180 - 8.460 m³/h	1,283.10 - 4,979 CFM											
JF F400 400°C/2H	2.070 - 8.050 m³/h	1,219.36 - 4,738 CFM											
	<p>JFC Circular jet fan Conceived for car parkings and large spaces where polluted air, or smoke from an accidental fire, needs to be effectively removed.</p> <table border="0"> <thead> <tr> <th></th> <th>Q max. (m³/h)</th> <th>Q max. (CFM)</th> </tr> </thead> <tbody> <tr> <td>JF CONFORT</td> <td>2.245 - 9.320 m³/h</td> <td>1,321.36 - 4,979.37 CFM</td> </tr> <tr> <td>JF F300 300°C/2H</td> <td>2.180 - 9.320 m³/h</td> <td>1,283.10 - 4,979.37 CFM</td> </tr> <tr> <td>JF F400 400°C/2H</td> <td>2.070 - 8.850 m³/h</td> <td>1,218.36 - 4,738.05 CFM</td> </tr> </tbody> </table>		Q max. (m³/h)	Q max. (CFM)	JF CONFORT	2.245 - 9.320 m³/h	1,321.36 - 4,979.37 CFM	JF F300 300°C/2H	2.180 - 9.320 m³/h	1,283.10 - 4,979.37 CFM	JF F400 400°C/2H	2.070 - 8.850 m³/h	1,218.36 - 4,738.05 CFM
	Q max. (m³/h)	Q max. (CFM)											
JF CONFORT	2.245 - 9.320 m³/h	1,321.36 - 4,979.37 CFM											
JF F300 300°C/2H	2.180 - 9.320 m³/h	1,283.10 - 4,979.37 CFM											
JF F400 400°C/2H	2.070 - 8.850 m³/h	1,218.36 - 4,738.05 CFM											
	<p>SYBILO Centrifugal jet fan Conceived for car parkings and large spaces where polluted air, or smoke from an accidental fire, needs to be effectively removed.</p> <table border="0"> <thead> <tr> <th></th> <th>Q max. (m³/h)</th> <th>Q max. (CFM)</th> </tr> </thead> <tbody> <tr> <td>JF CONFORT</td> <td>2.900-9.200 m³/h</td> <td>1,706.87 - 5,414.91 CFM</td> </tr> <tr> <td>JF F300 300°C/2H</td> <td>2.900-9.200 m³/h</td> <td>1,283.10 - 5,414.91 CFM</td> </tr> <tr> <td>JF F400 400°C/2H</td> <td>2.900-9.200 m³/h</td> <td>1,218.36 - 5,414.91 CFM</td> </tr> </tbody> </table>		Q max. (m³/h)	Q max. (CFM)	JF CONFORT	2.900-9.200 m³/h	1,706.87 - 5,414.91 CFM	JF F300 300°C/2H	2.900-9.200 m³/h	1,283.10 - 5,414.91 CFM	JF F400 400°C/2H	2.900-9.200 m³/h	1,218.36 - 5,414.91 CFM
	Q max. (m³/h)	Q max. (CFM)											
JF CONFORT	2.900-9.200 m³/h	1,706.87 - 5,414.91 CFM											
JF F300 300°C/2H	2.900-9.200 m³/h	1,283.10 - 5,414.91 CFM											
JF F400 400°C/2H	2.900-9.200 m³/h	1,218.36 - 5,414.91 CFM											

Parking ventilation

Induction fans & CFD simulation



- Advice in the design of projects for parking ventilation and smoke control.
- Complete technical study with sizing calculations and equipment location drawings.
- Validation of ventilation system, smoke behavior, temperature values, visibility, air speed, and CO concentrations.

