



Roundel - Effective Air Curtain Concept for Revolving Doors

Roundel is our concept for air curtains designed for revolving doors. We call it a concept because we understand that solutions almost always need to be adapted to specific conditions at each individual location. Revolving doors require effective climate protection. Simply introducing heat into the revolving door is not sufficient. It is crucial to also repel the cold draft that the doors sweep in.

Therefore, Roundel is available with electric heating or water-based (heatpump) heating. Above all, we have equipped this air curtain with the AIRSTOP air knife jet nozzle developed by Masterveil, providing higher efficiency compared to traditional air curtains.

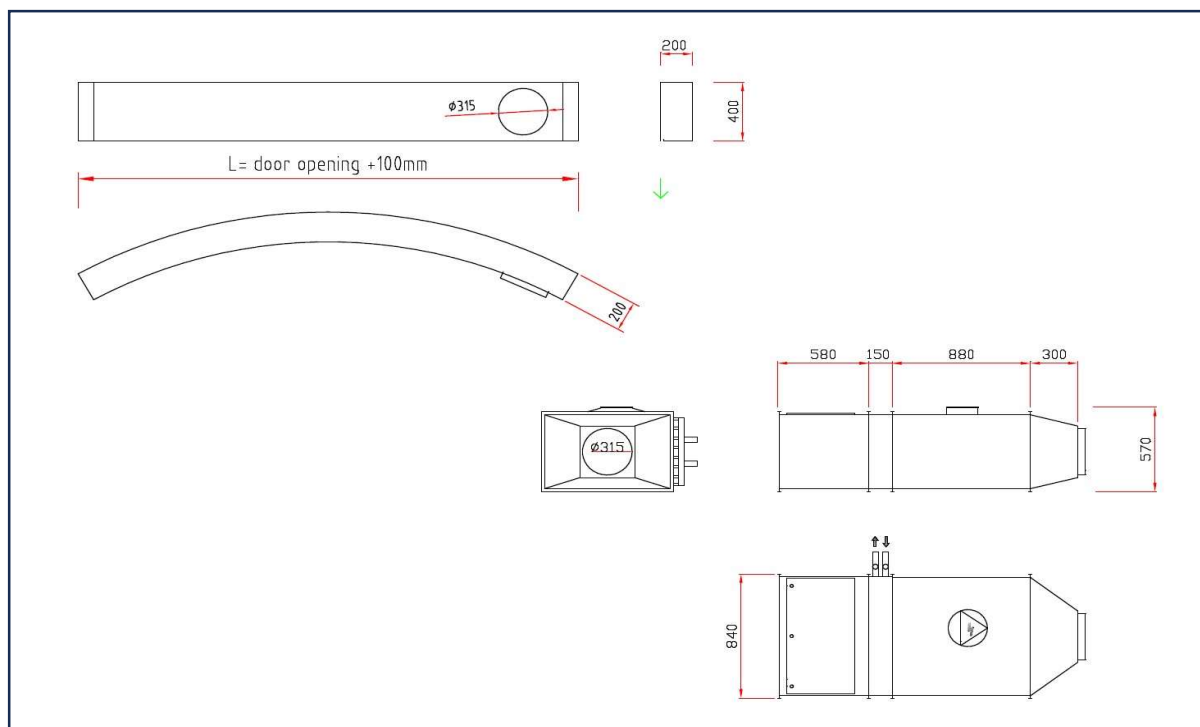
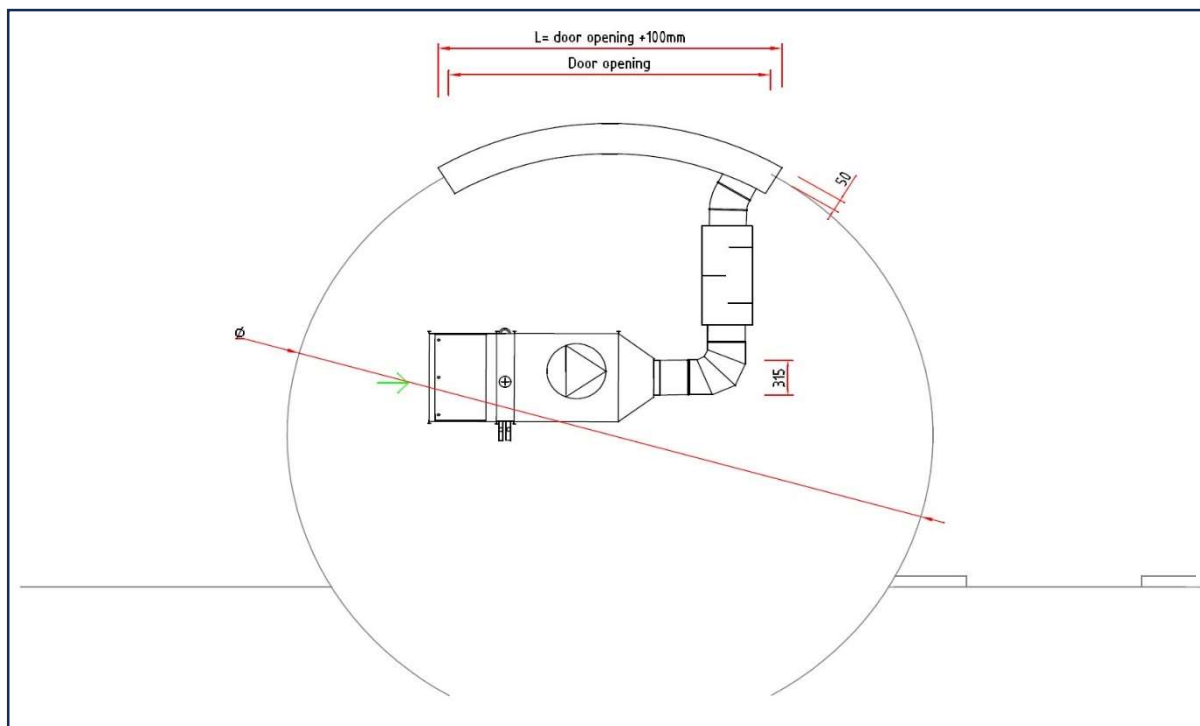
Key Features:

- Horizontal, curved air curtain drum.
- Specially designed for revolving doors.
- Can be complemented with an additional curtain drum for side doors.
- Powerful protection against cold drafts.
- Standalone unit for higher performance.
- Knife jet technology for effective air stream control.
- Heating battery included as standard.

Discover Roundel, your solution for effective climate control in revolving doors. Contact us for tailored options that meet your specific needs.



Drawing



Technical data

Name	Dimension DxH mm	Air curtain Length mm	Airflow m ³ /h	Voltage V	Input power motor kW	Motor current A	Frequency Hz	IP
AS 40K	Drawing	Custom made	5000	400	2,3	3,5	50	54
AS 45K	Drawing	Custom made	6000	400	3,5	5,4	50	54

Heating data

Name	Airflow m ³ /h	Effect kW	Air in °C	Air out °C	H2O in °C	H2O out °C	P drop H2O kPa	H2O flow l/s	Connection DN
AS 40K	5000	42	15	40	60	40	9,7	0,52	DN25
AS 40K	5000	37	15	37	60	35	5,2	0,36	DN25
AS 40K	5000	31	15	33	60	30	2,8	0,25	DN25
AS 40K	5000	40	15	39	55	40	14,8	0,65	DN25
AS 40K	5000	35	15	36	55	35	7	0,43	DN25
AS 40K	5000	30	15	32	55	30	3,5	0,29	DN25
AS 40K	5000	33	15	35	50	35	10,7	0,54	DN25
AS 40K	5000	28	15	31	50	30	4,7	0,34	DN25
AS 40K	5000	31	15	34	45	35	19,5	0,75	DN25
AS 40K	5000	26	15	31	45	30	7	0,42	DN25
AS 40K	5000	24	15	29	40	30	12,8	0,58	DN25
AS 40K	5000	19	15	26	40	25	4	0,3	DN25
AS 45K	6000	52	15	41	60	40	12,9	0,63	DN25
AS 45K	6000	46	15	38	60	35	6,9	0,44	DN25
AS 45K	6000	39	15	34	60	30	3,8	0,31	DN25



AS 45K	6000	48	15	39	55	40	19,5	0,79	DN25
AS 45K	6000	43	15	36	55	35	9,4	0,52	DN25
AS 45K	6000	36	15	33	55	30	4,8	0,35	DN25
AS 45K	6000	40	15	35	50	35	14,2	0,65	DN25
AS 45K	6000	34	15	32	50	30	6,4	0,41	DN25
AS 45K	6000	38	15	34	45	35	26	0,91	DN25
AS 45K	6000	32	15	31	45	30	9,4	0,51	DN25
AS 45K	6000	29	15	29	40	30	16,9	0,71	DN25
AS 45K	6000	23	15	26	40	25	5,35	0,37	DN25