HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

TECHNICAL CHARACTERISTICS

KV-BB
SERIES

GENERAL
Diffuser consisting of a series of KV 40 nozzles that can be manually oriented in any direction with a 30° angle limit. Suitable for installation in very large environments such as stations, airports, hypermarkets.

VERSIONS
Without frame for fixing to the plenum or to the rectangular duct sidewall by means of clips.
With frame for mounting on plenum using mounting bridges.
With shaped panel for mounting on circular ducts.

MATERIAL
Aluminium nozzles, steel panels.

FINISH
Painted RAL 9010 Gloss 80% or RAL 9003 Gloss 30%.

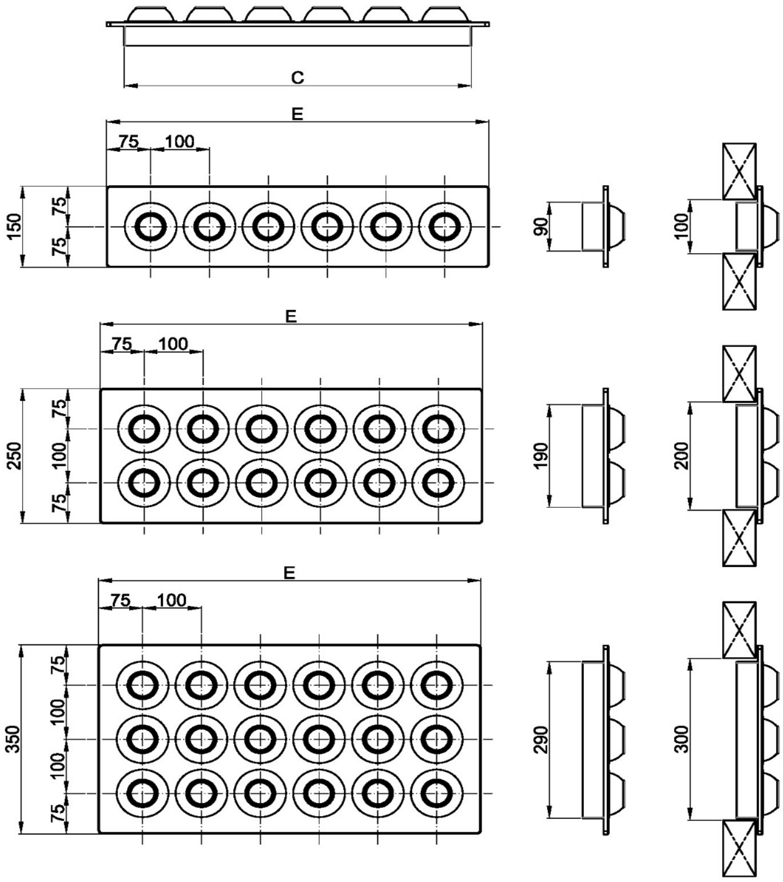
ACCESSORIES
Non-insulated plenum, external insulated, internal insulated.

UNSUITABLE ENVIRONMENTS:
the aluminum products are not suitable for installation in environments with an atmosphere containing corrosive substances for this material and in particular containing chlorine, such as swimming pools, spas and some types of food industries

HIGH INDUCTION LONG THROW
DIFFUSERS FOR DEEP JET

KV-BB
SERIES

OVERALL DIMENSIONS
WITHOUT FRAME VERSION
INSTALLATION WITH CLIPS



Nominal height 100mm

Nominal height 200mm

Nominal height 300mm

Nominal height 100mm										
Base [mm]	300	400	500	600	700	800	900	1000	1100	1200
C [mm]	290	390	490	590	690	790	890	990	1090	1190
E [mm]	350	450	550	650	750	850	950	1050	1150	1250
N° ugelli	3	4	5	6	7	8	9	10	11	12
Ak [m²]	0,003581	0,004775	0,005969	0,007163	0,008357	0,00955	0,010744	0,011938	0,013132	0,014326

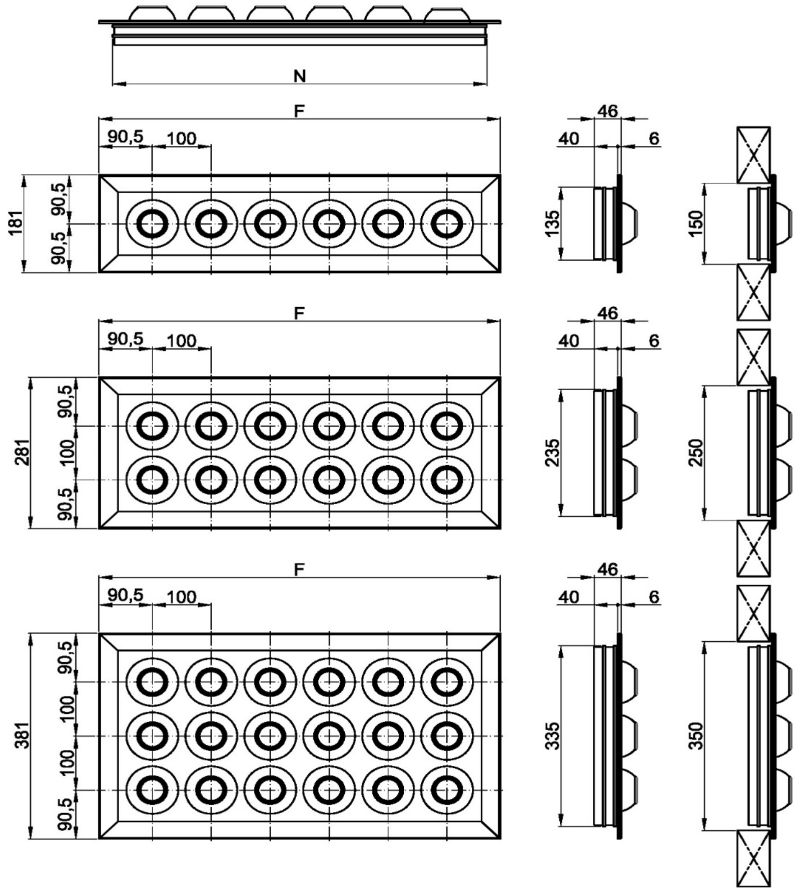
Nominal height 200mm										
Base [mm]	300	400	500	600	700	800	900	1000	1100	1200
C [mm]	290	390	490	590	690	790	890	990	1090	1190
E [mm]	350	450	550	650	750	850	950	1050	1150	1250
N° ugelli	6	8	10	12	14	16	18	20	22	24
Ak [m²]	0,007163	0,00955	0,011938	0,014326	0,016713	0,019101	0,021488	0,023876	0,026264	0,028651

Nominal height 300mm										
Base [mm]	300	400	500	600	700	800	900	1000	1100	1200
C [mm]	290	390	490	590	690	790	890	990	1090	1190
E [mm]	350	450	550	650	750	850	950	1050	1150	1250
N° ugelli	9	12	15	18	21	24	27	30	33	36
Ak [m²]	0,010744	0,014326	0,017907	0,021488	0,02507	0,028651	0,032233	0,035814	0,039396	0,042977

HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

KV-BB SERIES

OVERALL DIMENSIONS
WITH FRAME VERSION
INSTALLATION WITH MOUNTING BRIDGES



Nominal height 150mm

Nominal height 250mm

Nominal height 350mm

Nominal height 150mm										
Base [mm]	350	450	550	650	750	850	950	1050	1450	1250
N [mm]	335	435	535	635	735	835	935	1035	1435	1235
F [mm]	381	481	581	681	781	881	981	1081	1481	1281
N° ugelli	3	4	5	6	7	8	9	10	11	12
Ak [m²]	0,003581	0,004775	0,005969	0,007163	0,008357	0,00955	0,010744	0,011938	0,013132	0,014326

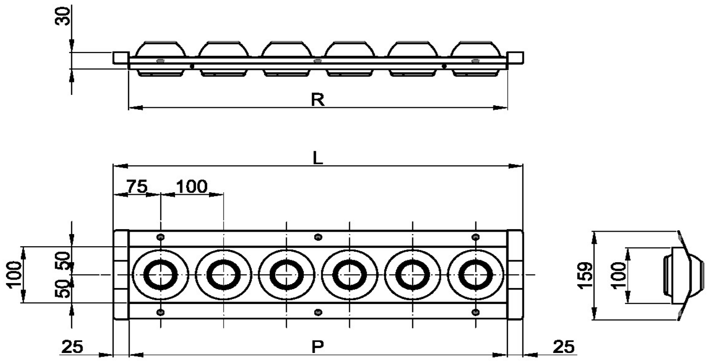
Nominal height 250mm										
Base [mm]	350	450	550	650	750	850	950	1050	1450	1250
N [mm]	335	435	535	635	735	835	935	1035	1435	1235
F [mm]	381	481	581	681	781	881	981	1081	1481	1281
N° ugelli	6	8	10	12	14	16	18	20	22	24
Ak [m²]	0,007163	0,00955	0,011938	0,014326	0,016713	0,019101	0,021488	0,023876	0,026264	0,028651

Nominal height 350mm										
Base [mm]	350	450	550	650	750	850	950	1050	1450	1250
N [mm]	335	435	535	635	735	835	935	1035	1435	1235
F [mm]	381	481	581	681	781	881	981	1081	1481	1281
N° ugelli	9	12	15	18	21	24	27	30	33	36
Ak [m²]	0,010744	0,014326	0,017907	0,021488	0,02507	0,028651	0,032233	0,035814	0,039396	0,042977

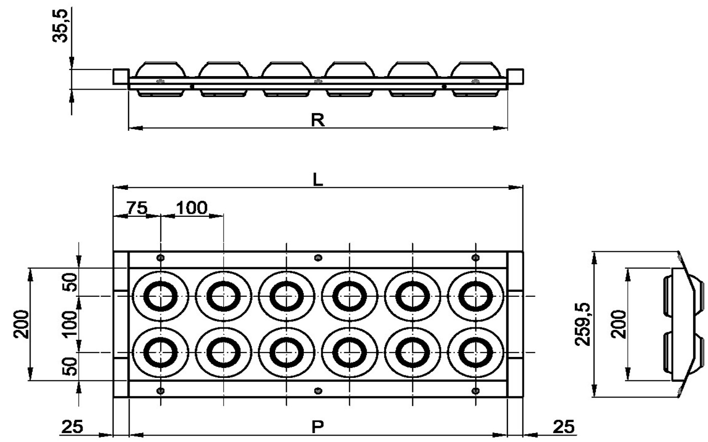
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

KV-BB SERIES

OVERALL DIMENSIONS WITH SHAPED PANEL VERSION FOR MOUNTING ON CIRCULAR DUCTS



Nominal height 100mm



Nominal height 200mm

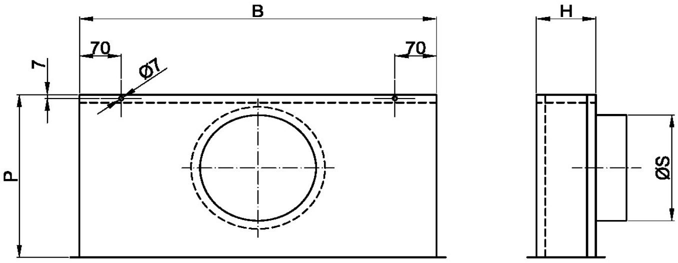
Nominal height 100mm										
Base [mm]	300	400	500	600	700	800	900	1000	1100	1200
P [mm]	300	400	500	600	700	800	900	1000	1100	1200
R [mm]	302	402	502	602	702	802	902	1002	1102	1202
L [mm]	350	450	550	650	750	850	950	1050	1150	1250
N° ugelli	3	4	5	6	7	8	9	10	11	12
Ak [m²]	0,003581	0,004775	0,005969	0,007163	0,008357	0,00955	0,010744	0,011938	0,013132	0,014326

Nominal height 200mm										
Base [mm]	300	400	500	600	700	800	900	1000	1100	1200
P [mm]	300	400	500	600	700	800	900	1000	1100	1200
R [mm]	302	402	502	602	702	802	902	1002	1102	1202
L [mm]	350	450	550	650	750	850	950	1050	1150	1250
N° ugelli	6	8	10	12	14	16	18	20	22	24
Ak [m²]	0,007163	0,00955	0,011938	0,014326	0,016713	0,019101	0,021488	0,023876	0,026264	0,028651

HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

KV-BB SERIES

OVERALL DIMENSIONS PLENUM



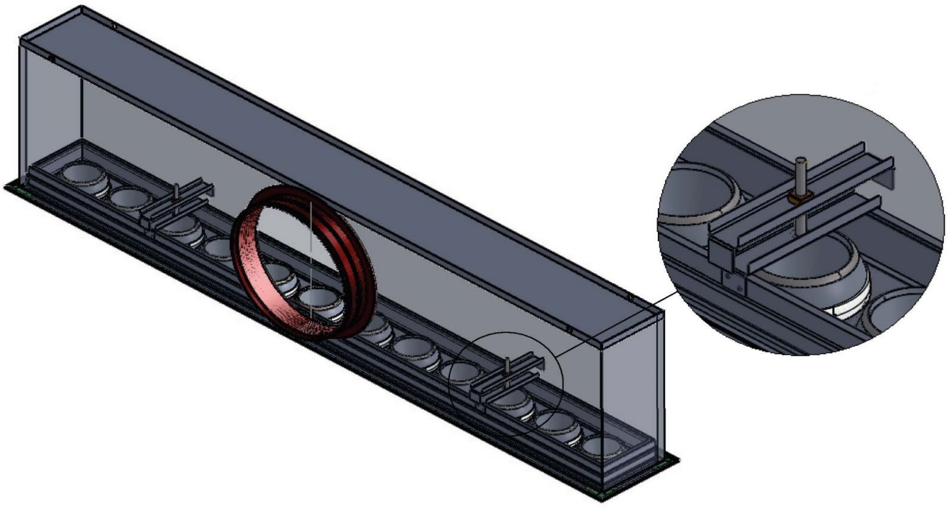
	DIFFUSER WITHOUT FRAME VERSION INSTALLATION WITH CLIPS					DIFFUSER WITH FRAME VERSION INSTALLATION WITH MOUNTING BRIDGES				
	B [mm]	H [mm]	P [mm]	ØS [mm]	N° spigots	B [mm]	H [mm]	P [mm]	ØS [mm]	N° spigots
ONE ROW OF NOZZLES	300	100	225	125	1	350	150	225	125	1
	400	100	260	160	1	450	150	260	160	1
	500	100	260	160	1	550	150	260	160	1
	600	100	300	200	1	650	150	300	200	1
	700	100	300	200	1	750	150	300	200	1
	800	100	300	200	1	850	150	300	200	1
	900	100	300	200	1	950	150	300	200	1
	1000	100	350	250	1	1050	150	350	250	1
	1100	100	350	250	1	1150	150	350	250	1
	1200	100	350	250	1	1250	150	350	250	1
TWO ROWS OF NOZZLES	300	200	300	200	1	350	250	300	200	1
	400	200	300	200	1	450	250	300	200	1
	500	200	350	250	1	550	250	350	250	1
	600	200	350	250	1	650	250	350	250	1
	700	200	350	250	1	750	250	350	250	1
	800	200	300	200	2	850	250	300	200	2
	900	200	300	200	2	950	250	300	200	2
	1000	200	350	250	2	1050	250	350	250	2
	1100	200	350	250	2	1150	250	350	250	2
	1200	200	350	250	2	1250	250	350	250	2
THREE ROWS OF NOZZLES	300	300	300	200	1	350	350	300	200	1
	400	300	350	250	1	450	350	350	250	1
	500	300	350	250	1	550	350	350	250	1
	600	300	350	250	1	650	350	350	250	1
	700	300	415	315	1	750	350	415	315	1
	800	300	415	315	1	850	350	415	315	1
	900	300	415	315	1	950	350	415	315	1
	1000	300	415	315	1	1050	350	415	315	1
	1100	300	415	315	2	1150	350	415	315	2
	1200	300	415	315	2	1250	350	415	315	2

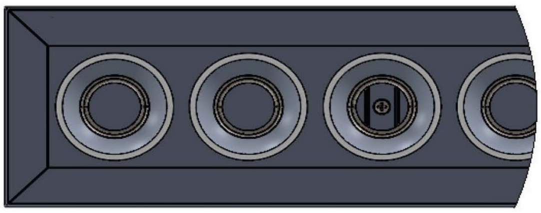
ØS = 125 - 160 - 200 - 250 plastic spigots
ØS = 315 steel spigot

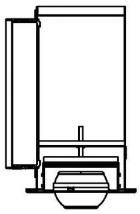
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

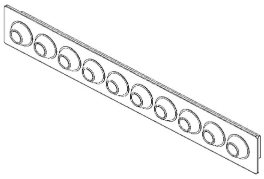
INSTALLATION
WITH MOUNTING BRIDGES

KV-BB
SERIES





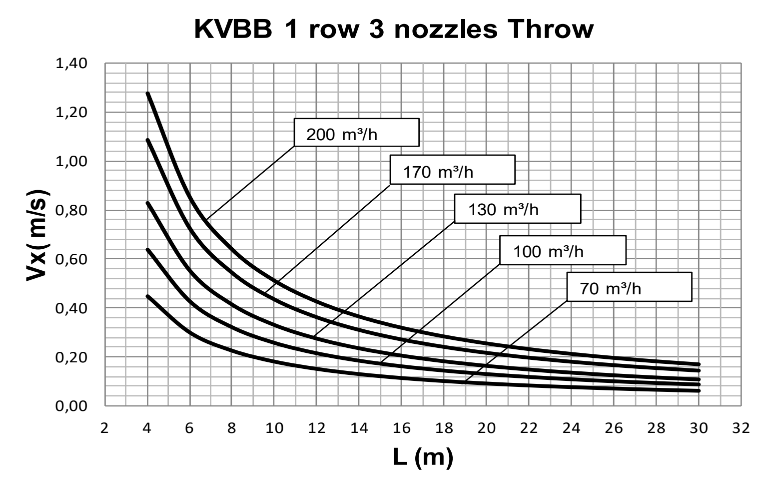




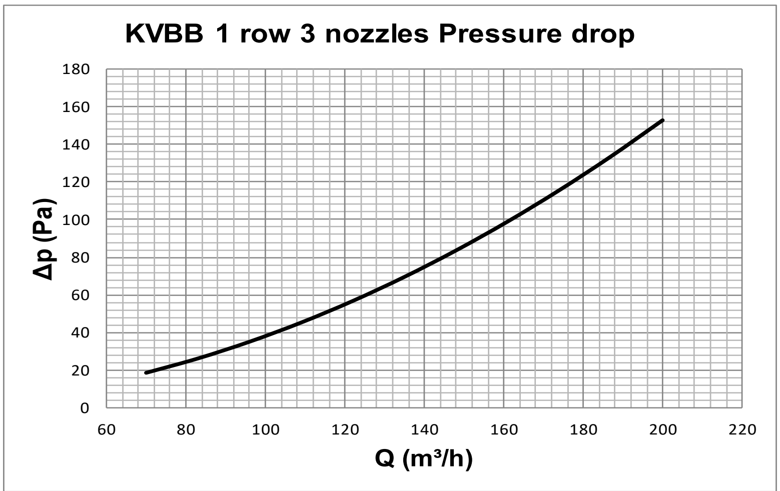
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

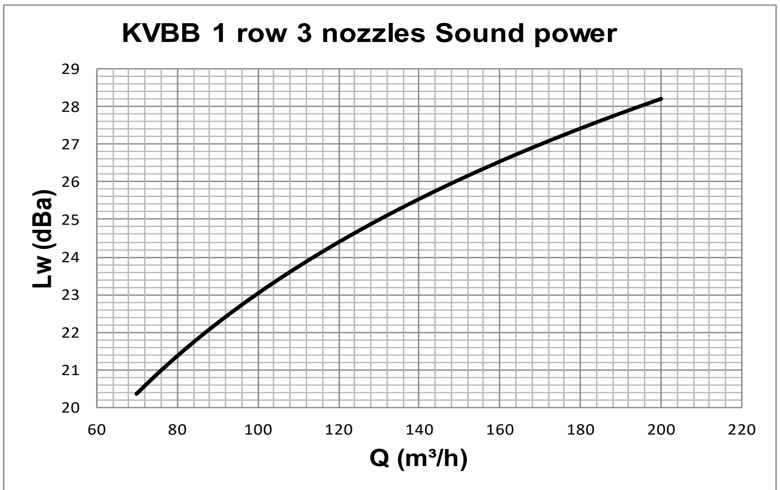
KV-BB SERIES

PERFORMANCE
KV-BB 300x100 KV-BB B 350x150 KV-BB D 300x100

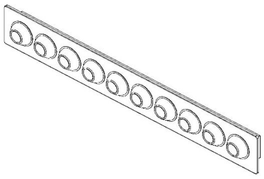


Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





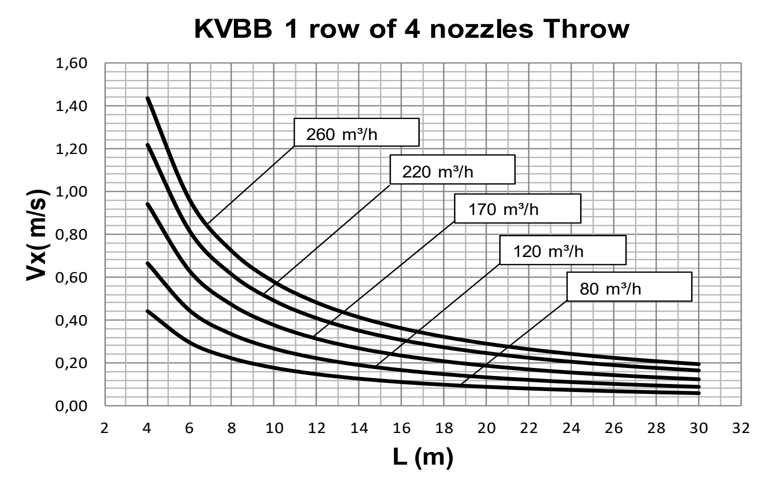
Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
The data presented does not consider the attenuation given by the area of installation. This attenuation is normally between 6 and 10 dBA and is determined by the room size, the shape of the environment and the interior features.



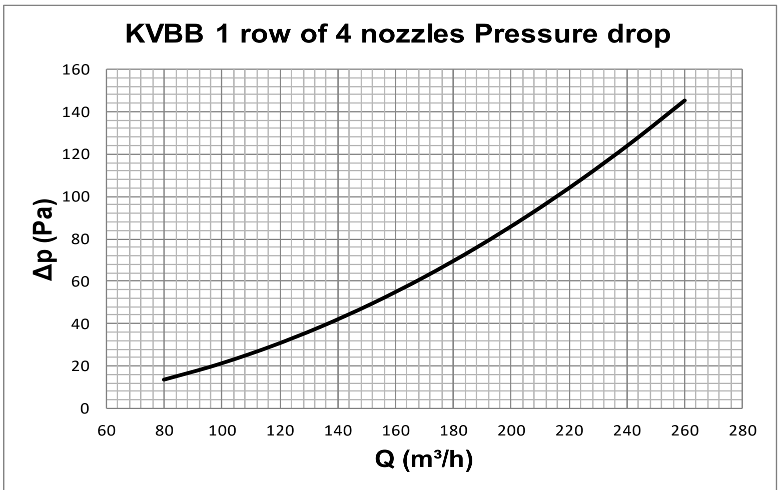
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

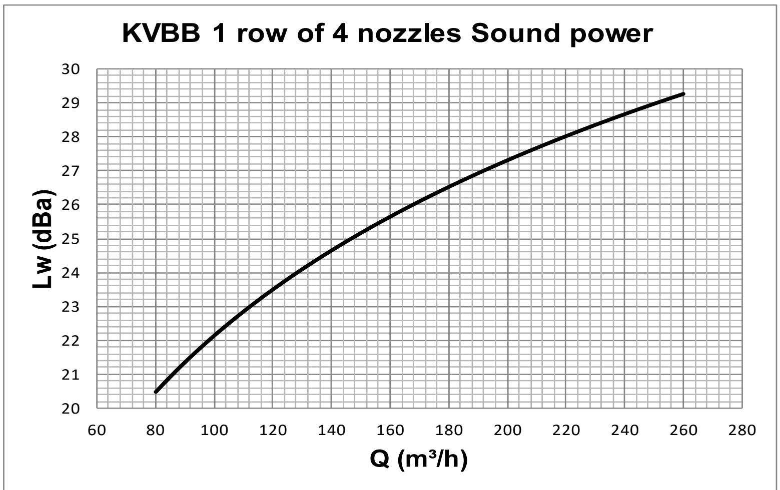
KV-BB SERIES

PERFORMANCE
KV-BB 400x100 KV-BB B 450x150 KV-BB D 400x100



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
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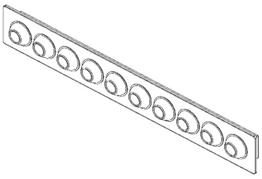
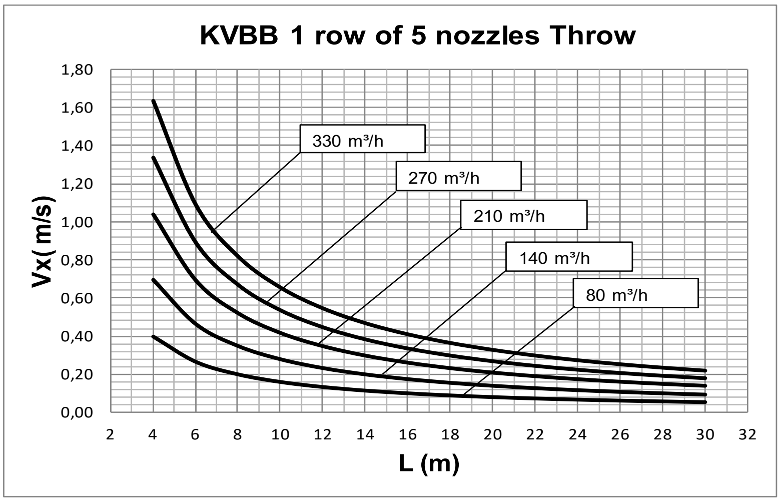


HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

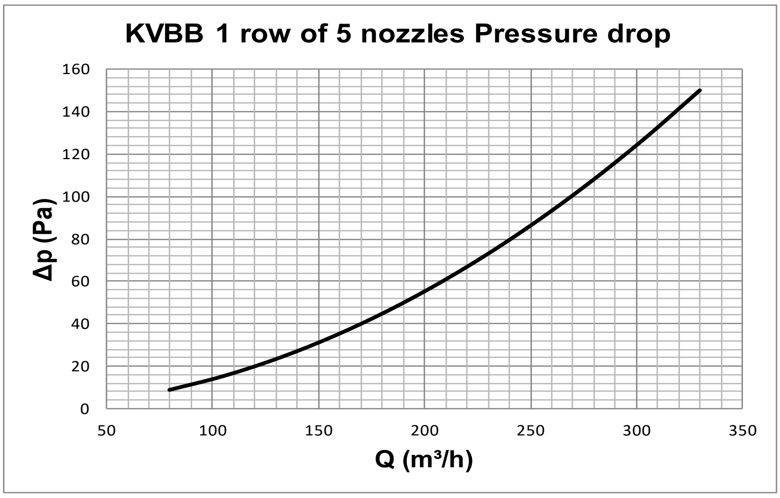
KV-BB SERIES

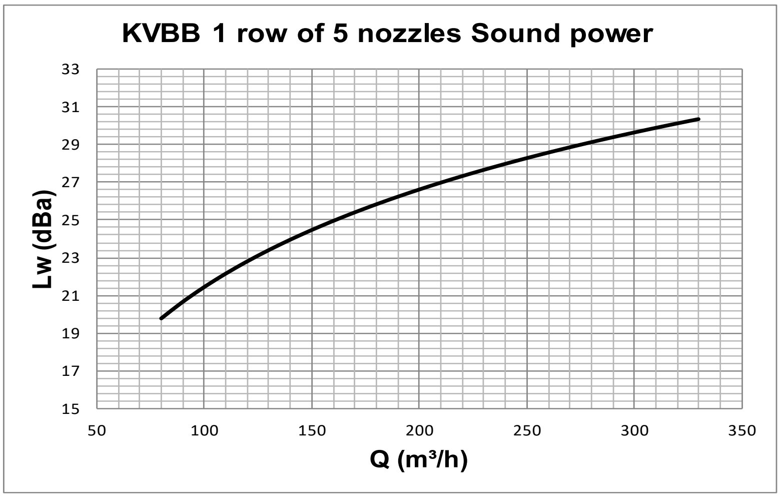
PERFORMANCE

KV-BB 500x100 KV-BB B 550x150 KV-BB D 500x100



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices; air terminal units; dampers and valves by measurement in a reverberation room.*
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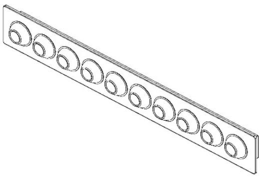
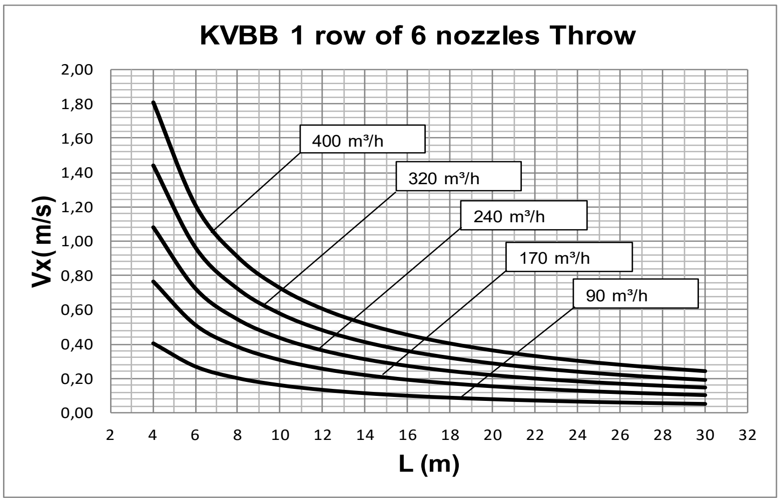


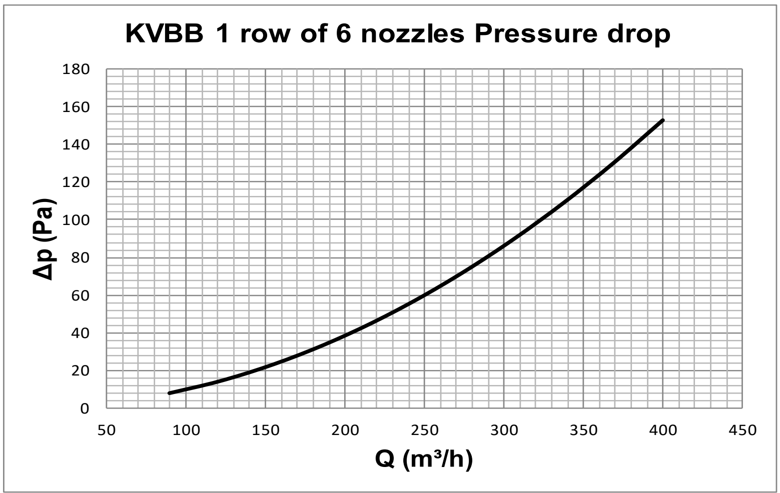
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

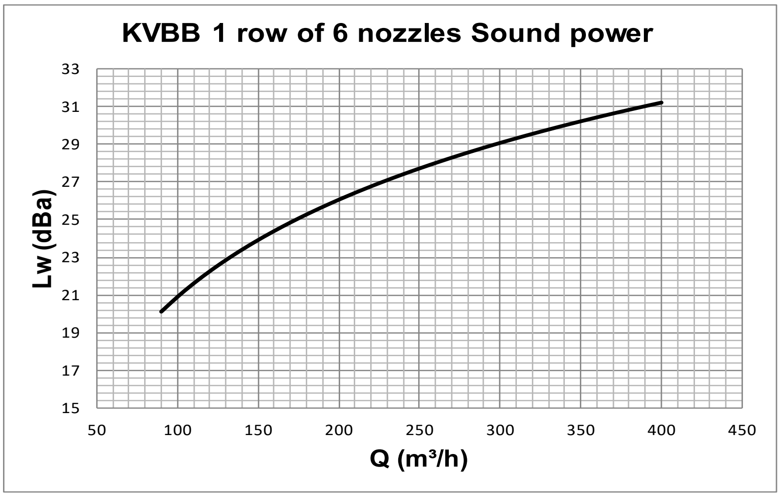
KV-BB SERIES

PERFORMANCE
KV-BB 600x100 KV-BB B 650x150 KV-BB D 600x100



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices; air terminal units; dampers and valves by measurement in a reverberation room.*
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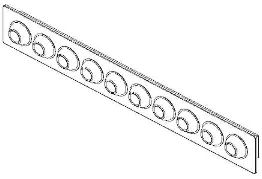
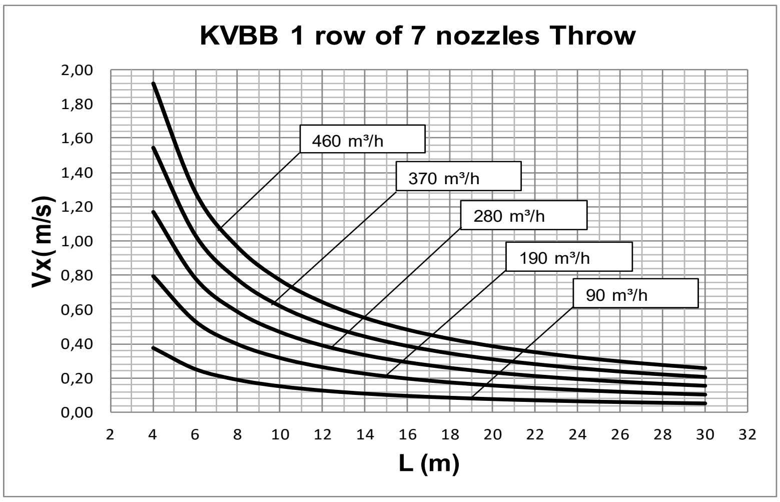


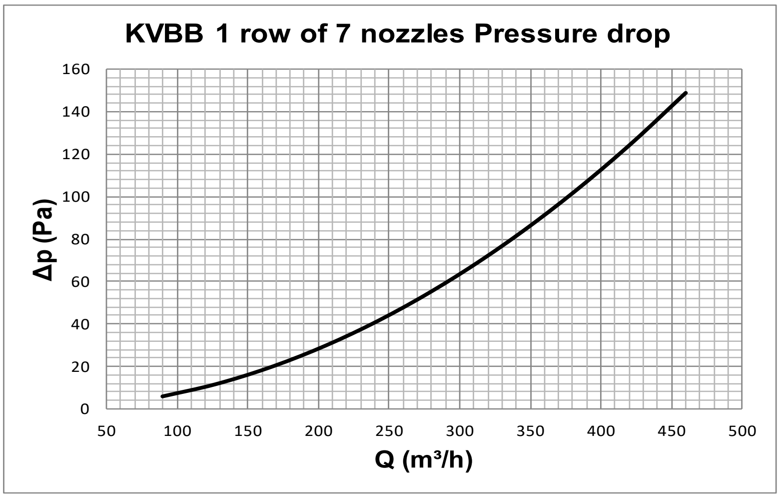
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

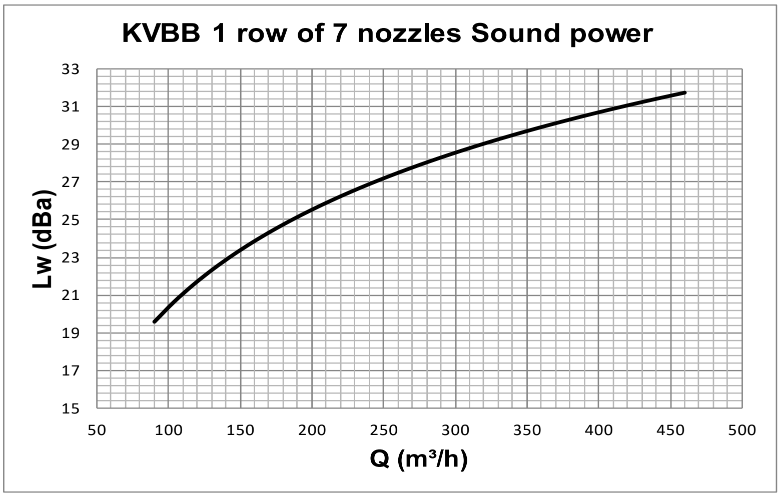
KV-BB SERIES

PERFORMANCE
KV-BB 700x100 KV-BB B 750x150 KV-BB D 700x100



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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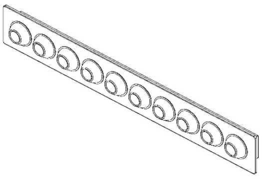
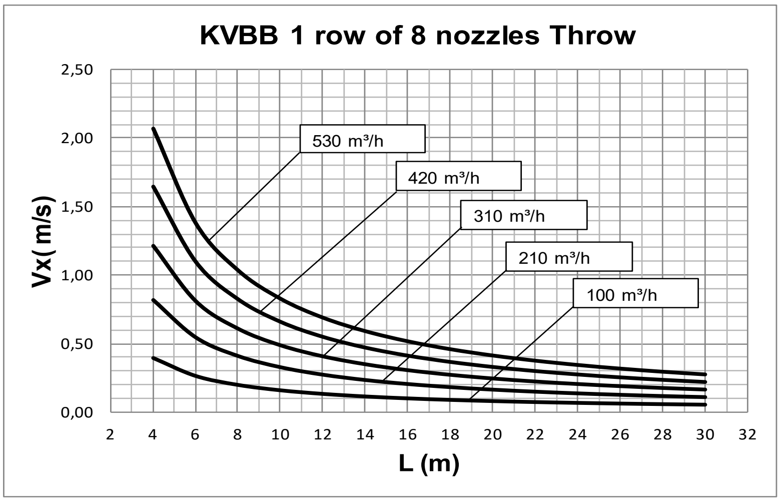


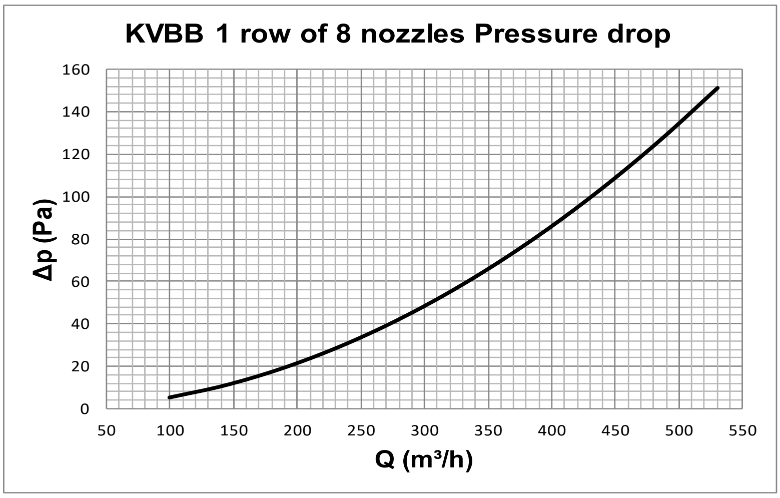
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

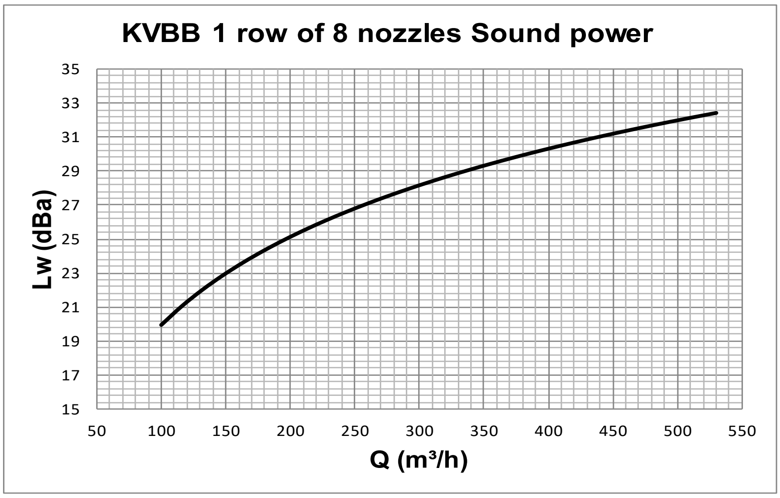
KV-BB SERIES

PERFORMANCE
KV-BB 800x100 KV-BB B 850x150 KV-BB D 800x100



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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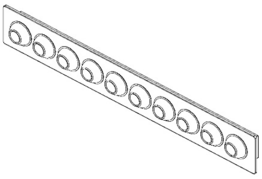
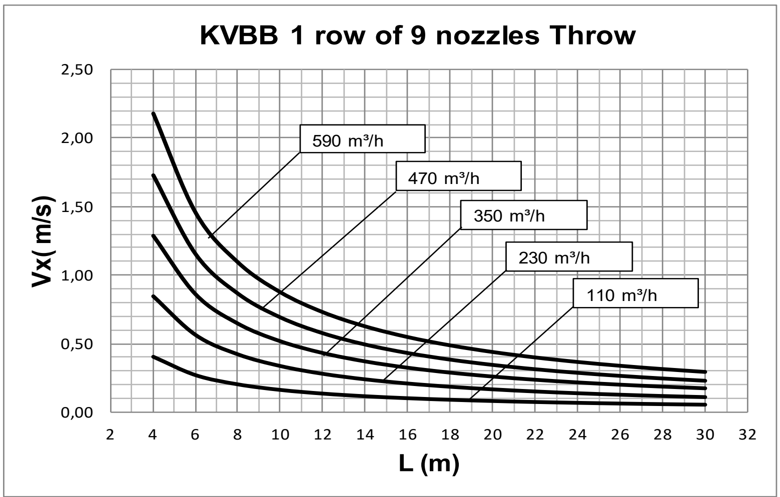


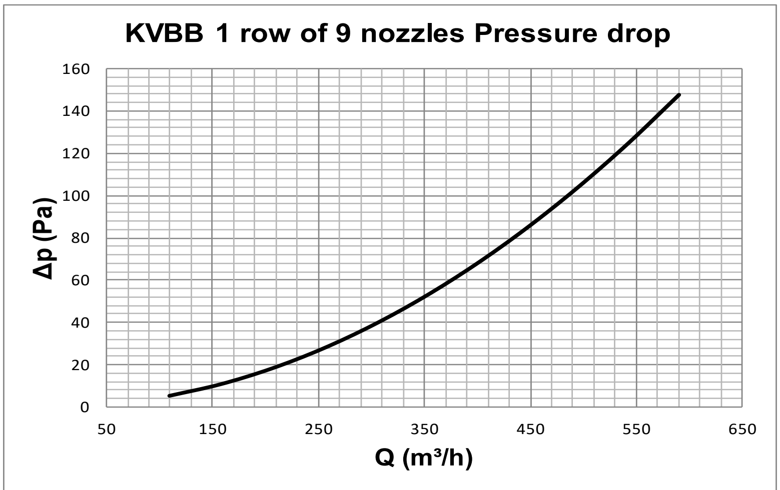
HIGH INDUCTION LONG THROW
DIFFUSERS FOR DEEP JET

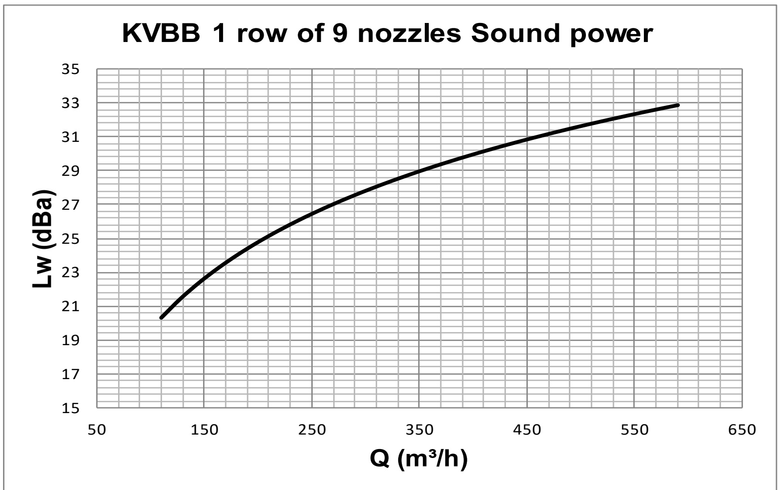
PERFORMANCE
KV-BB 900x100 KV-BB B 950x150 KV-BB D 900x100

KV-BB
SERIES



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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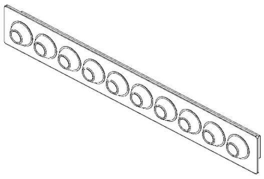
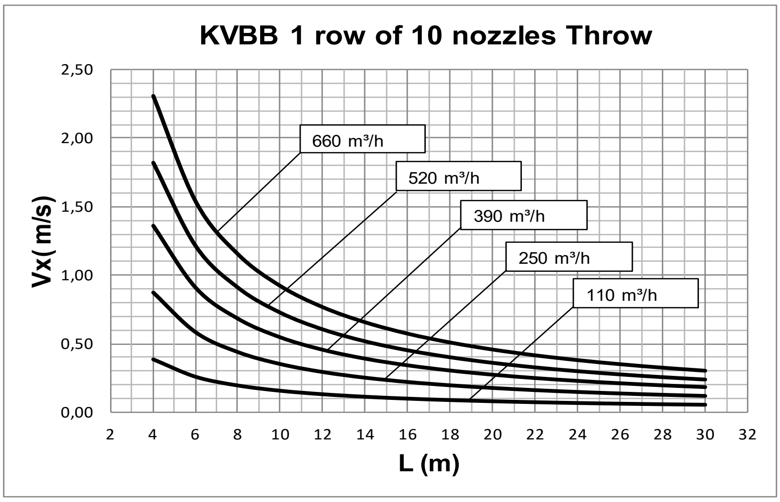


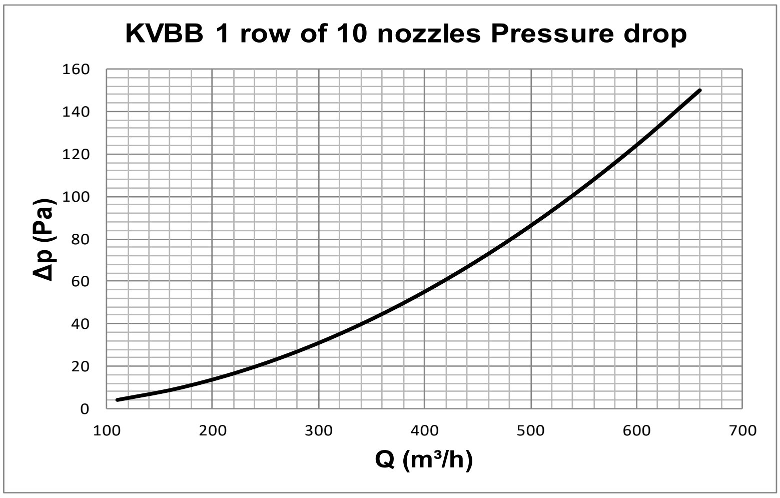
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

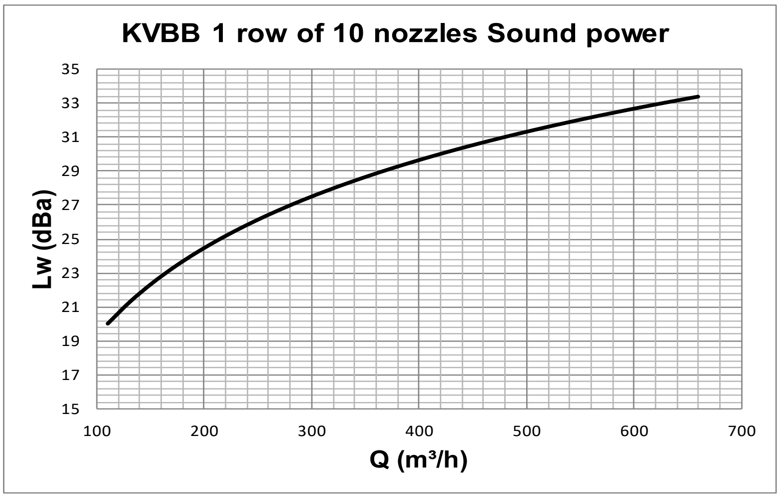
KV-BB SERIES

PERFORMANCE
KV-BB 1000x100 KV-BB B 1050x150 KV-BB D 1000x100



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
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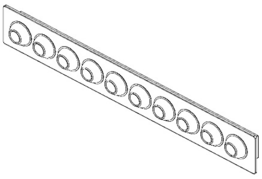
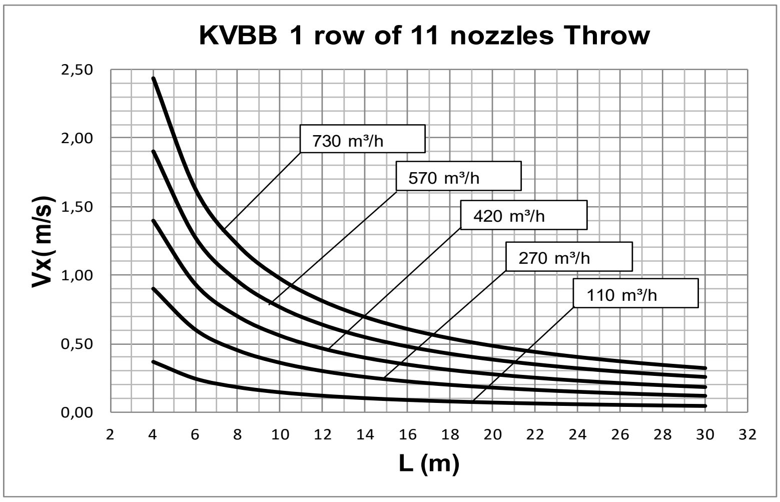


HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

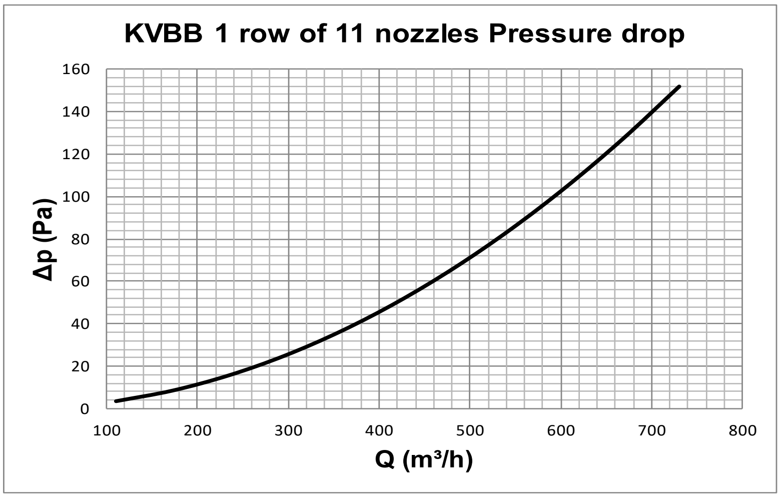
KV-BB SERIES

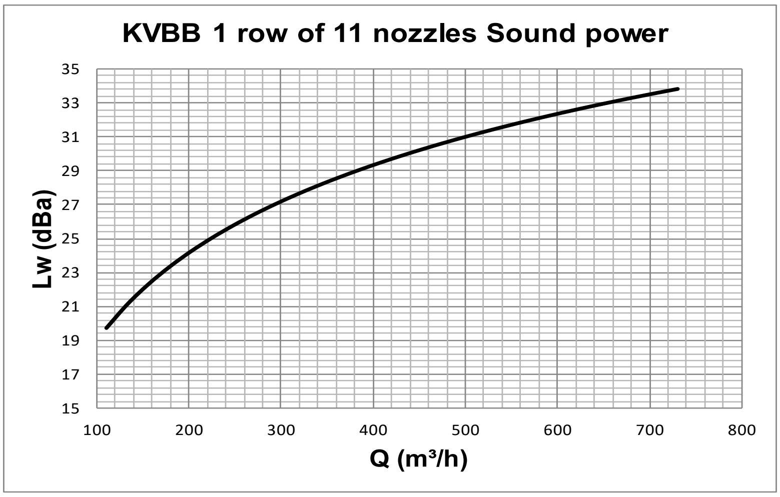
PERFORMANCE

KV-BB 1100x100 KV-BB B 1150x150 KV-BB D 1100x100



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
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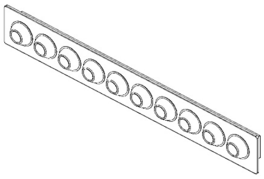
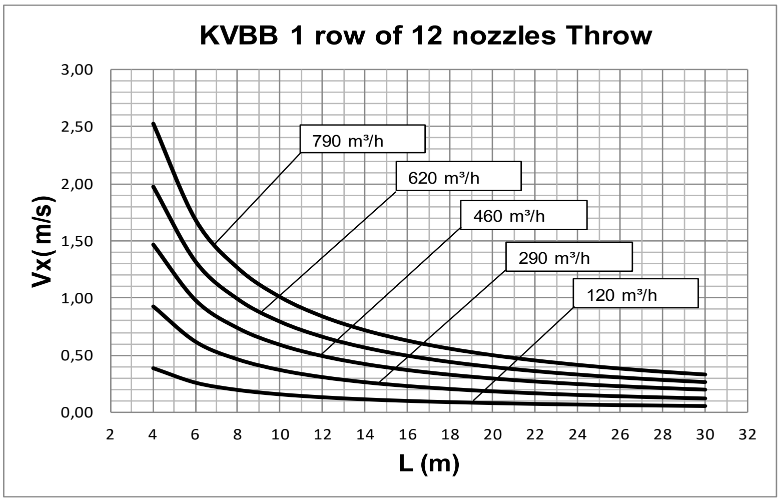


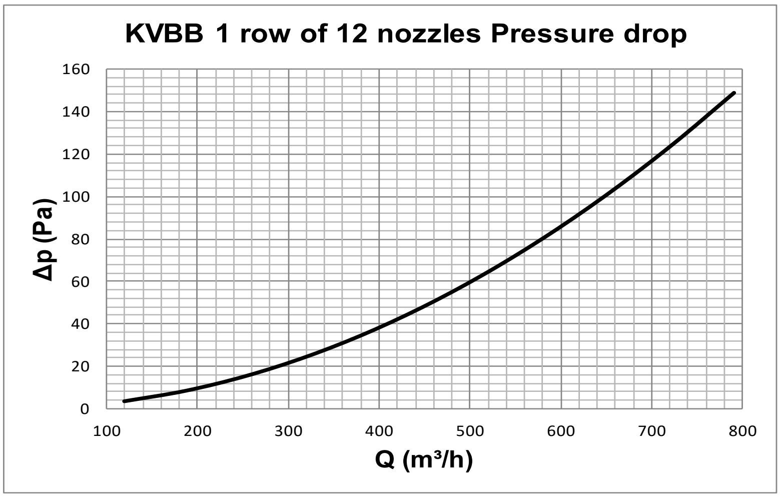
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

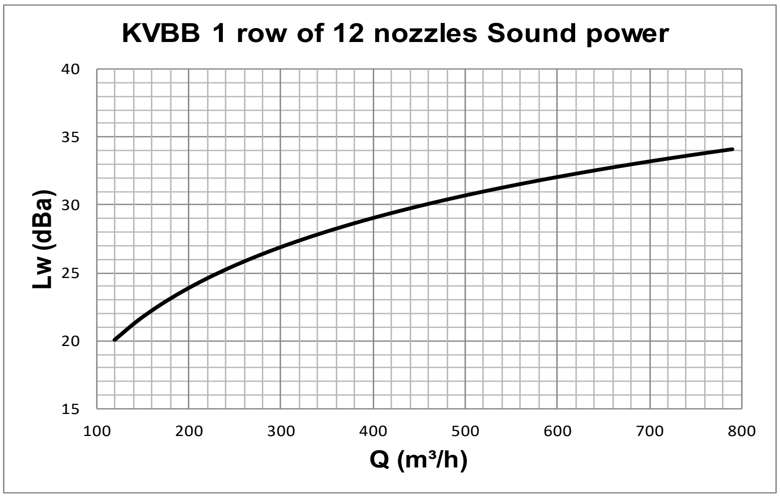
KV-BB
SERIES

PERFORMANCE
KV-BB 1200x100 KV-BB B 1250x150 KV-BB D 1200x100



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
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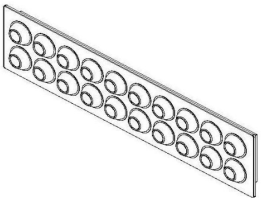
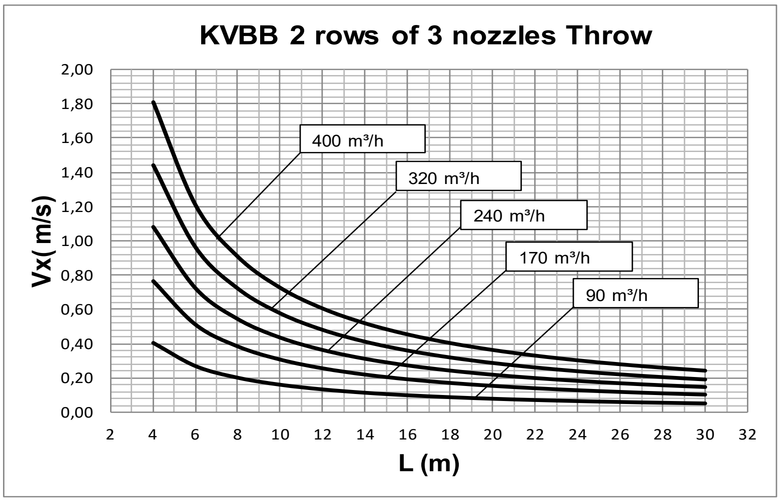


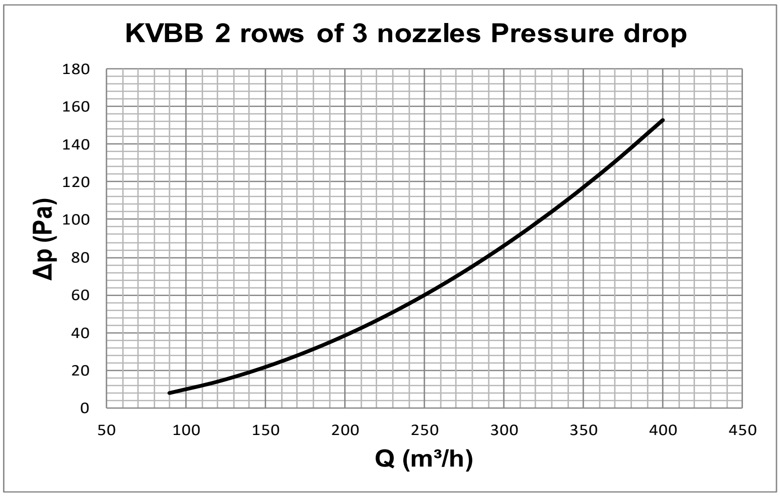
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

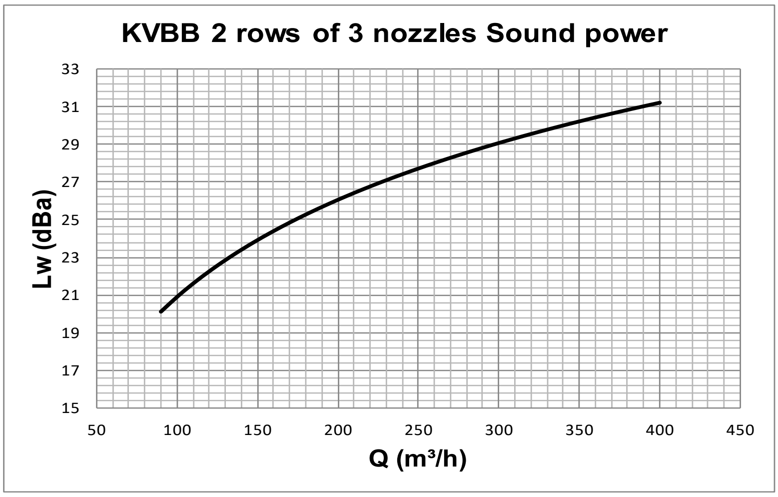
KV-BB SERIES

PERFORMANCE
KV-BB 300x200 KV-BB B 350x250 KV-BB D 300x200



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
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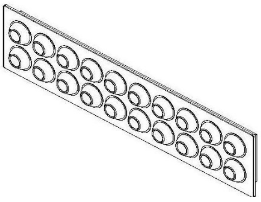
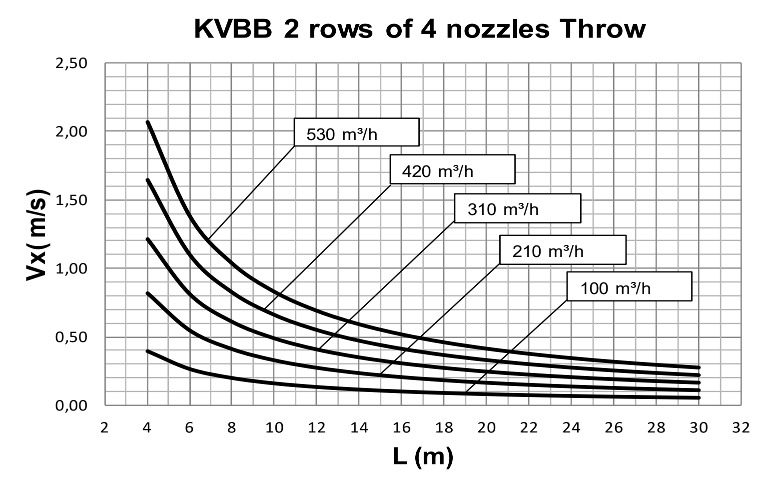


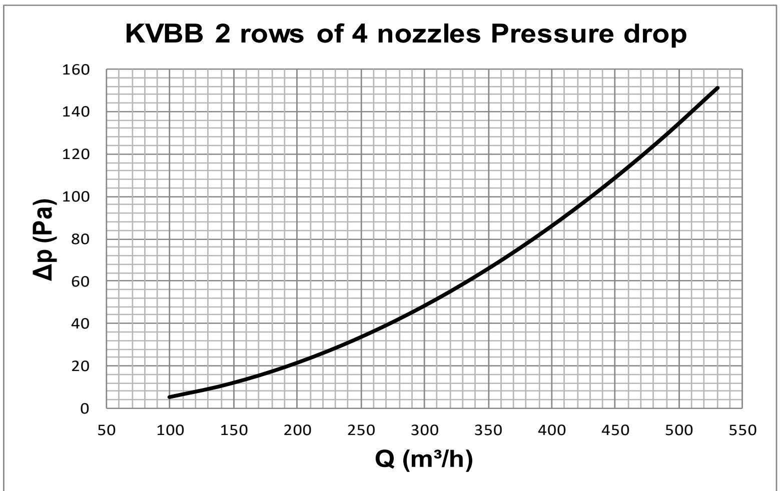
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

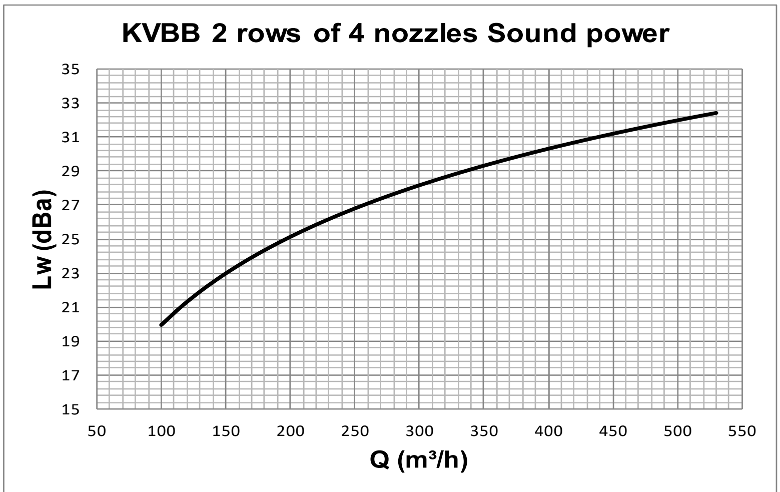
KV-BB SERIES

PERFORMANCE
KV-BB 400x200 KV-BB B 450x250 KV-BB D 400x200



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
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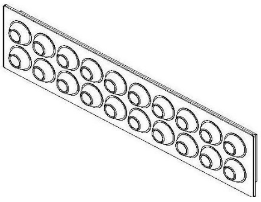
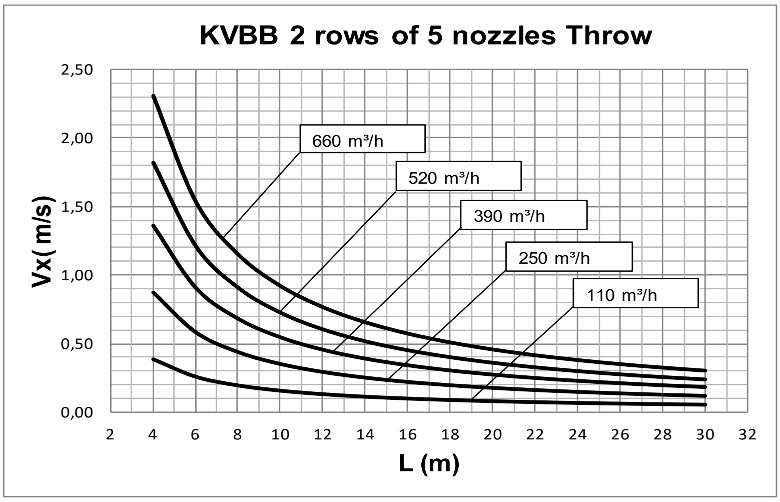


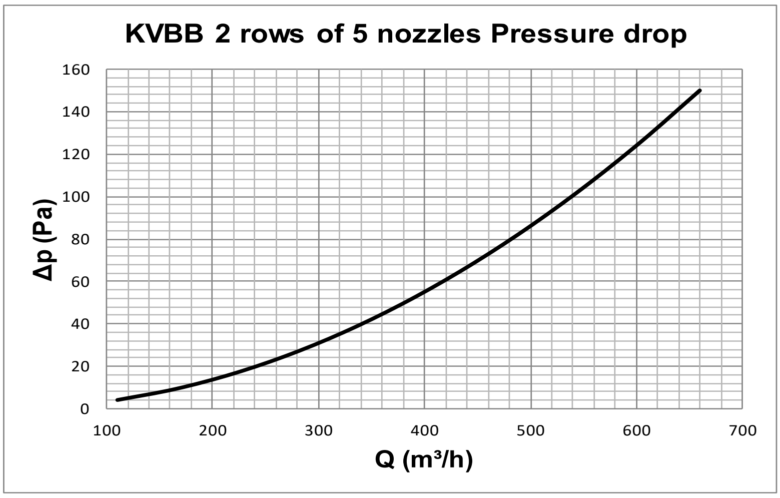
HIGH INDUCTION LONG THROW
DIFFUSERS FOR DEEP JET

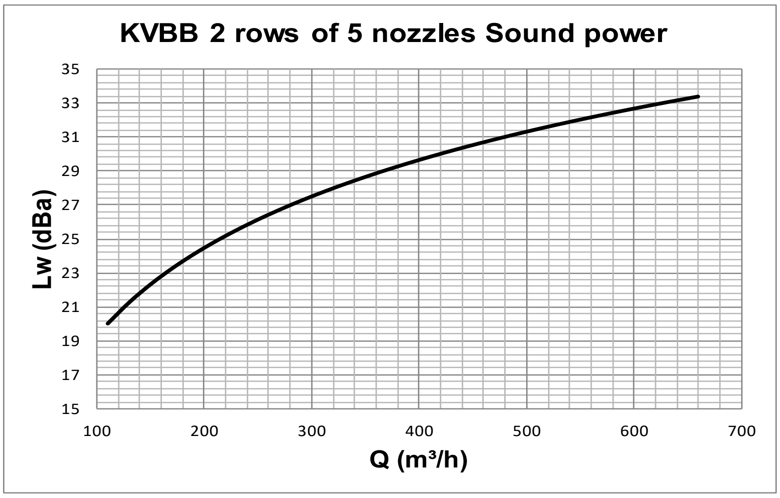
KV-BB
SERIES

PERFORMANCE
KV-BB 500x200 KV-BB B 550x250 KV-BB D 500x200



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
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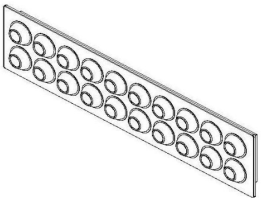
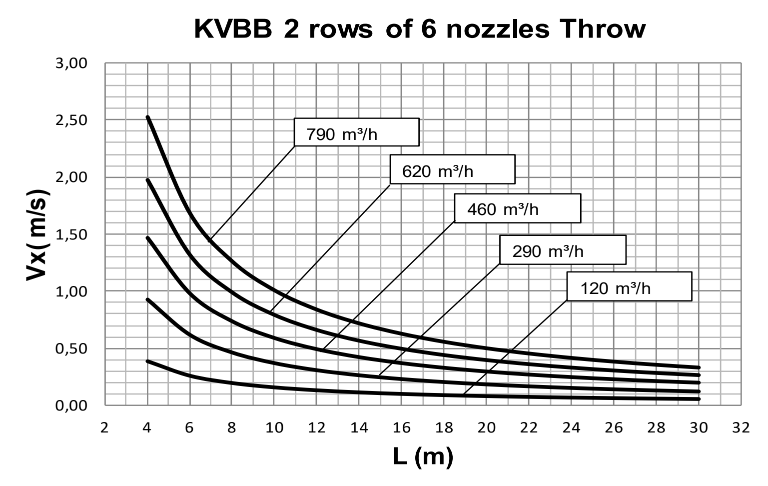


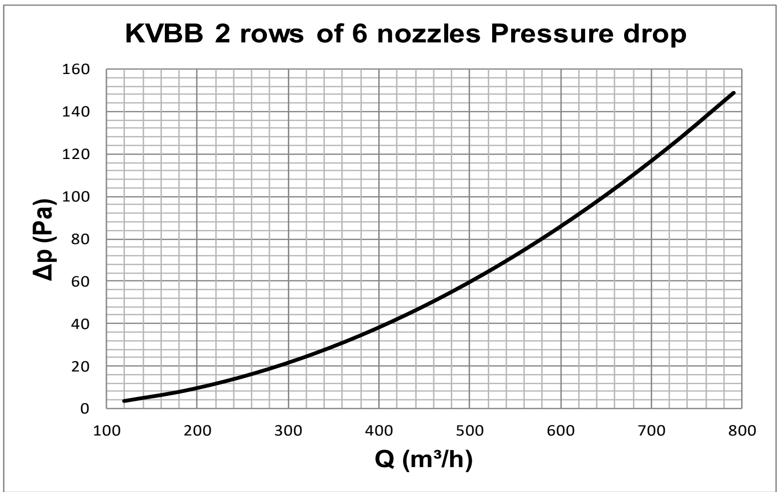
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

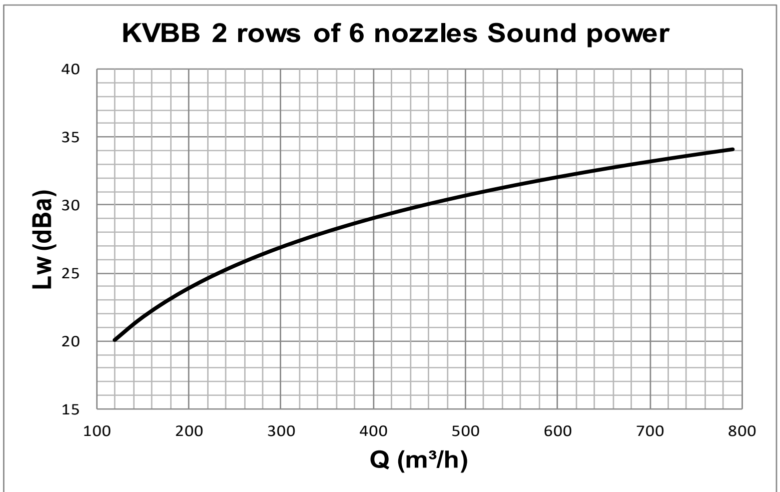
KV-BB SERIES

PERFORMANCE
KV-BB 600x200 KV-BB B 650x250 KV-BB D 600x200



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
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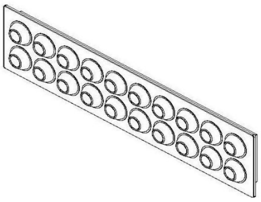
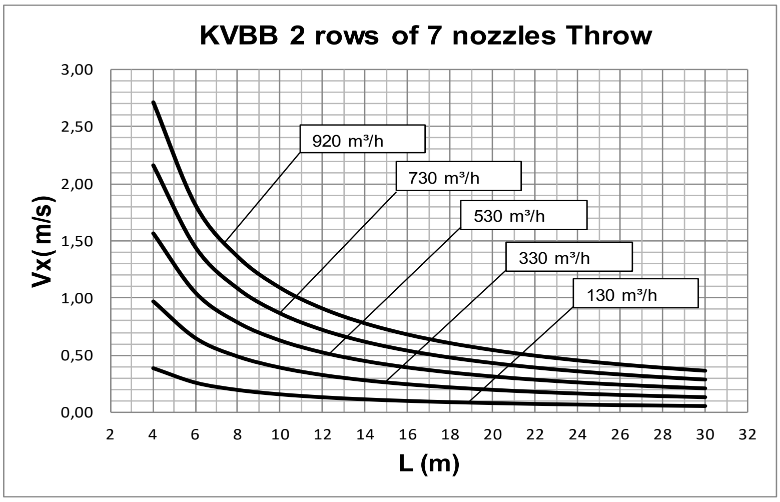


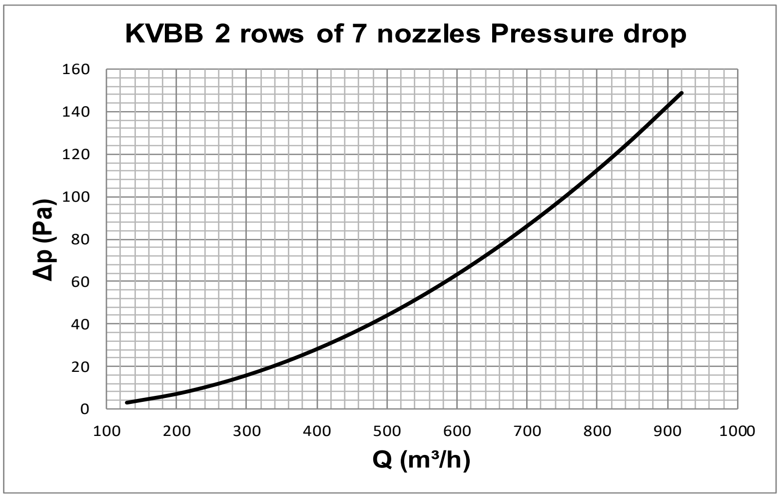
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

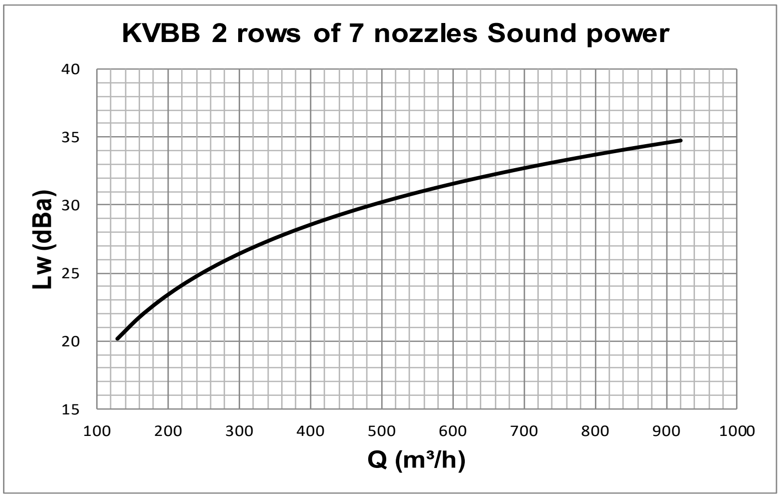
KV-BB
SERIES

PERFORMANCE
KV-BB 700x200 KV-BB B 750x250 KV-BB D 700x200



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
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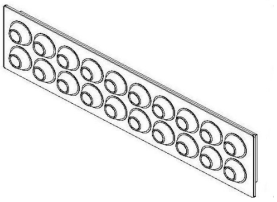
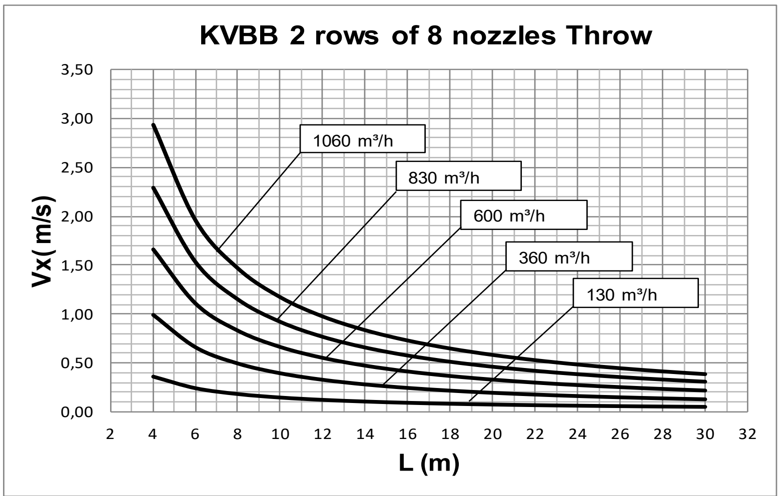


HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

KV-BB
SERIES

PERFORMANCE
KV-BB 800x200 KV-BB B 850x250 KV-BB D 800x200



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
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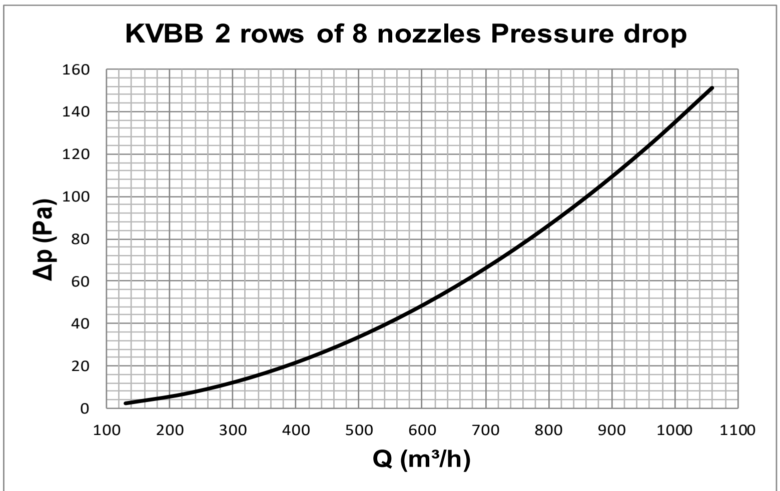

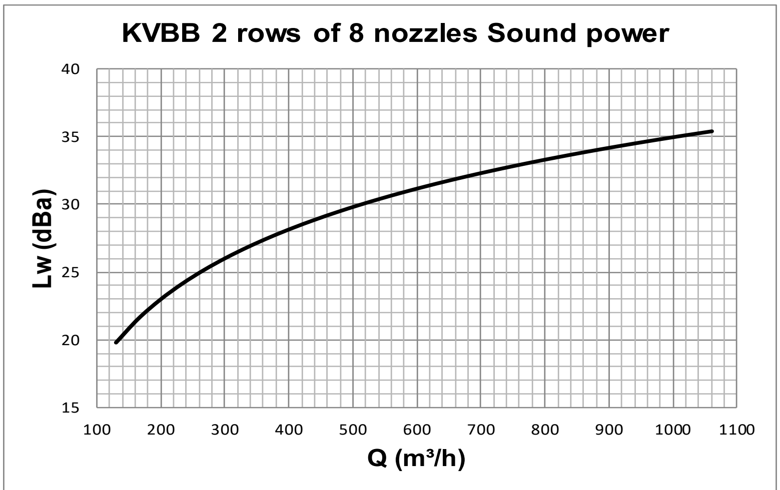

Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
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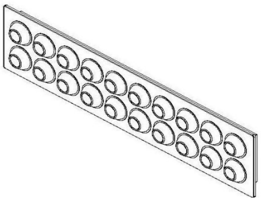
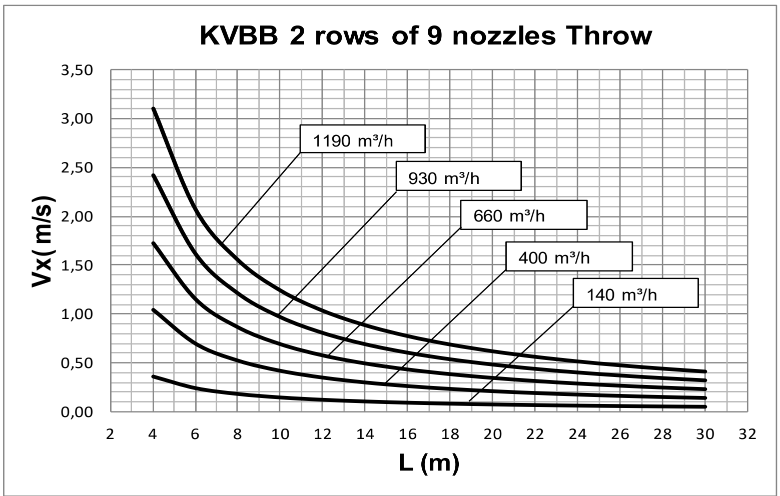


HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

KV-BB SERIES

PERFORMANCE
KV-BB 900x200 KV-BB B 950x250 KV-BB D 900x200



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
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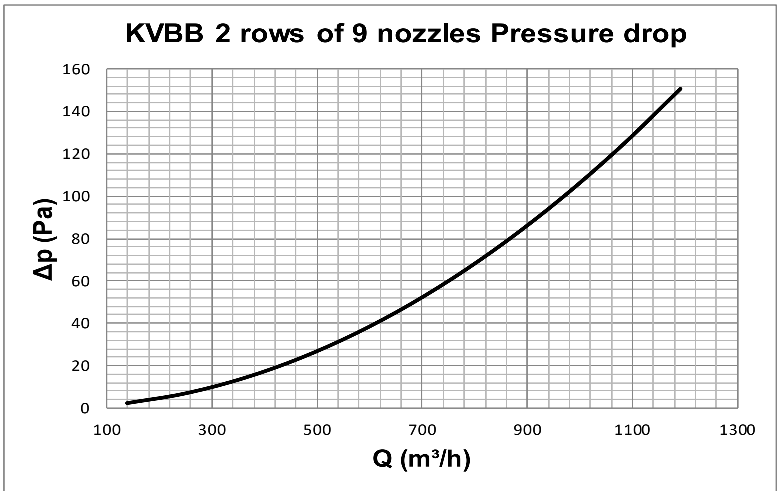

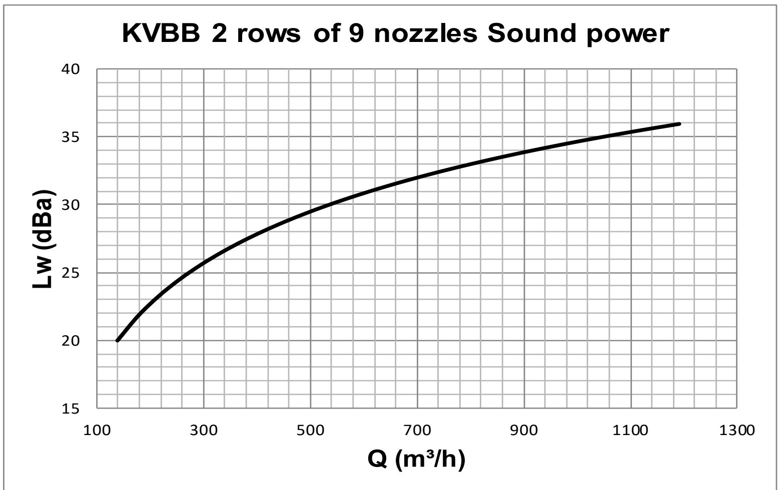

Data measured in reverberation room in accordance with international standards:
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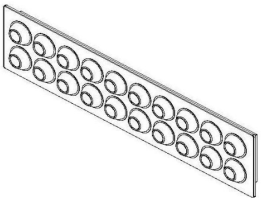
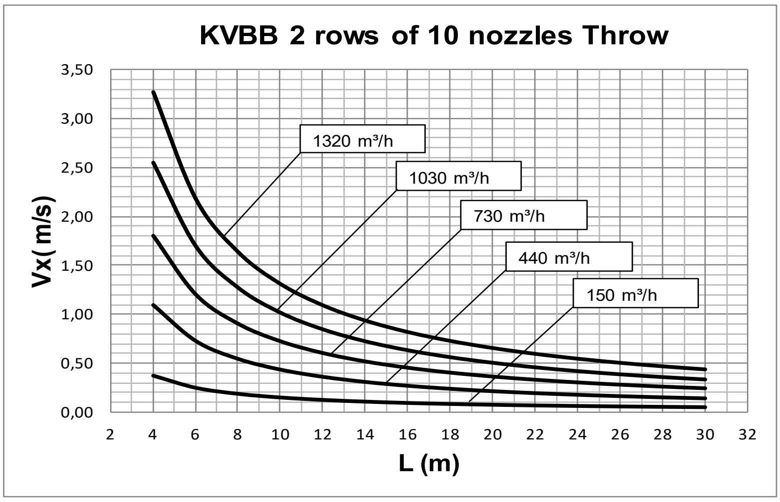


HIGH INDUCTION LONG THROW
DIFFUSERS FOR DEEP JET

PERFORMANCE
KV-BB 1000x200 KV-BB B 1050x250 KV-BB D 1000x200

KV-BB
SERIES



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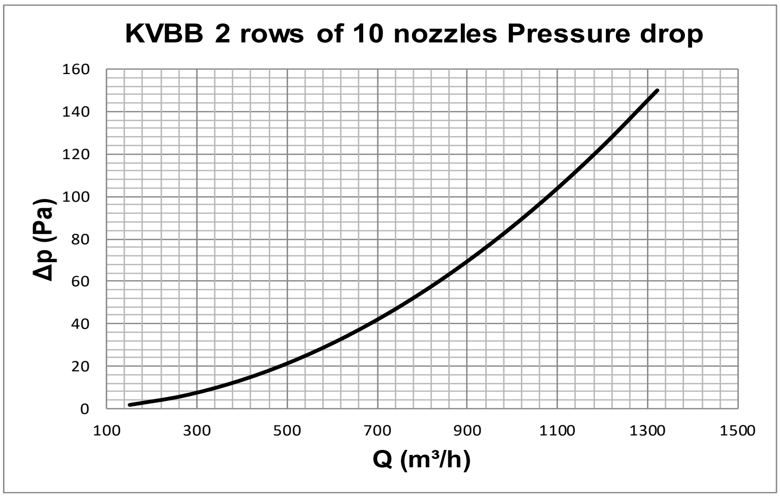

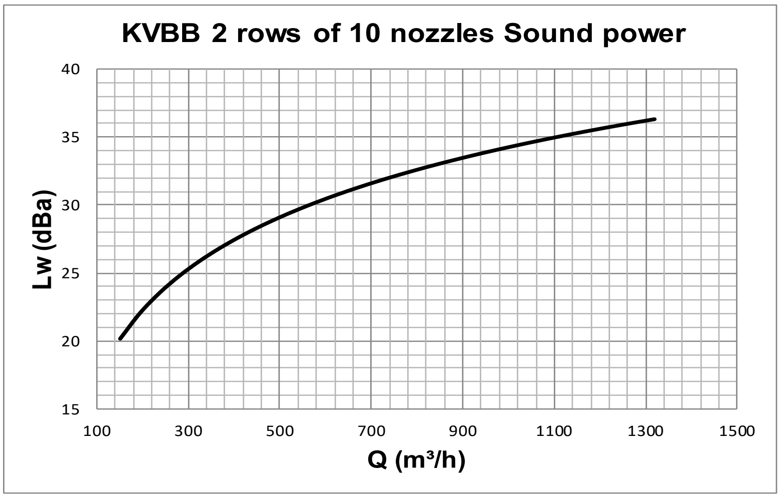

Data measured in reverberation room in accordance with international standards:
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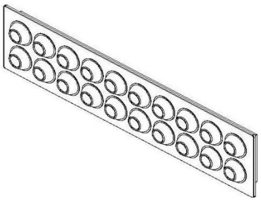
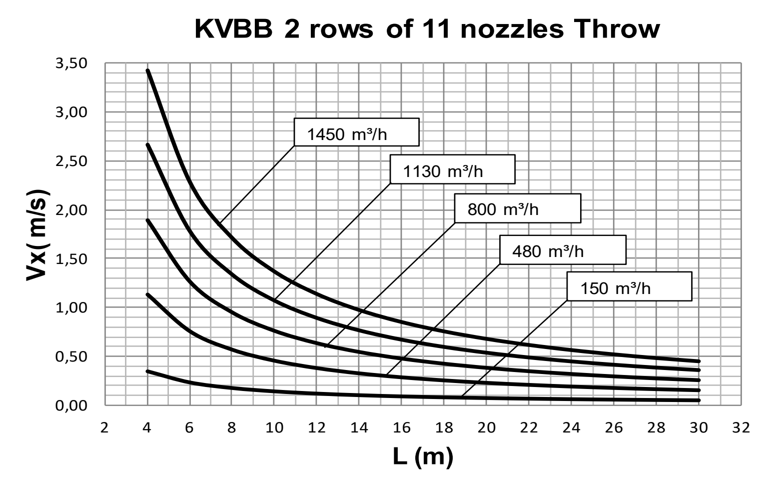


HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

KV-BB SERIES

PERFORMANCE
KV-BB 1100x200 KV-BB B 1150x250 KV-BB D 1100x200



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
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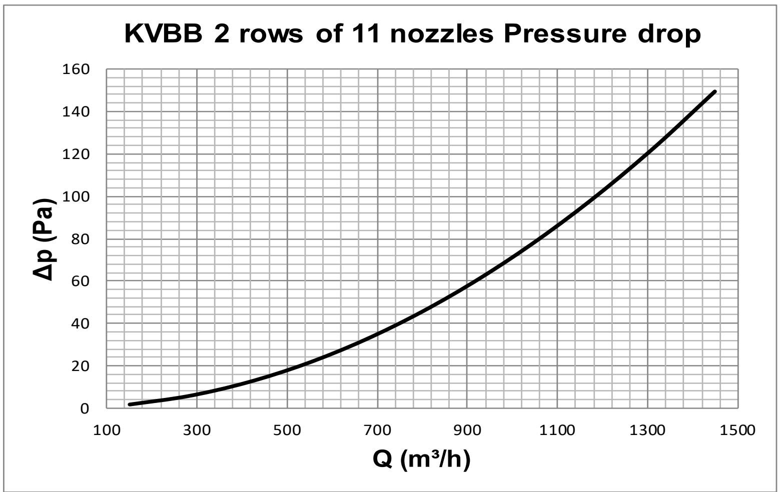

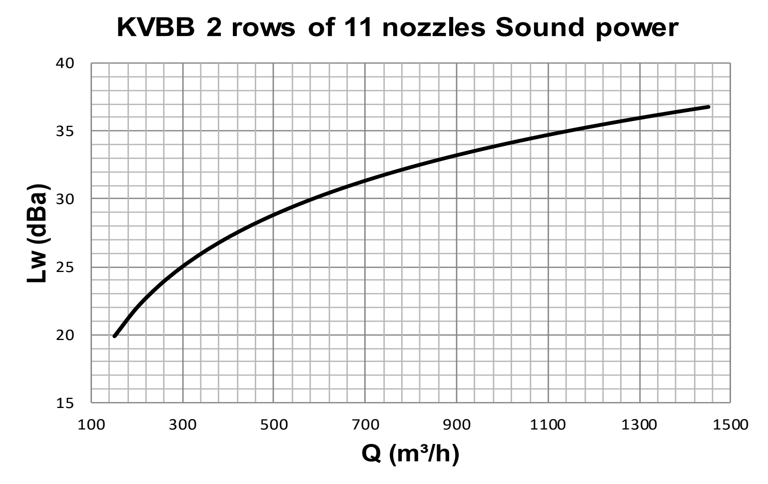

Data measured in reverberation room in accordance with international standards:
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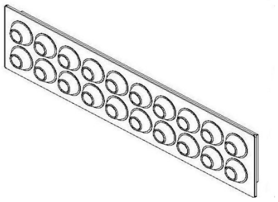
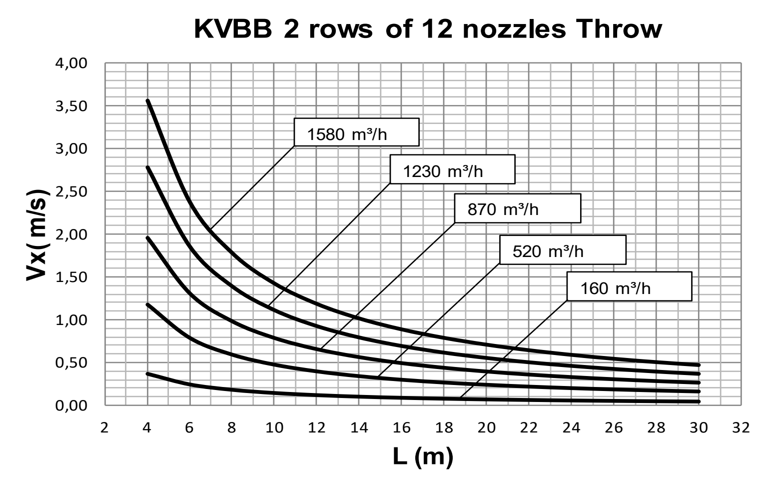


HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

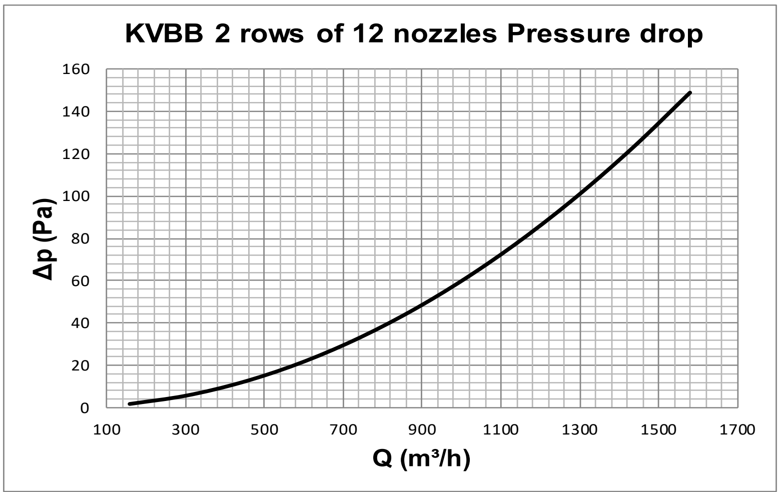
KV-BB SERIES

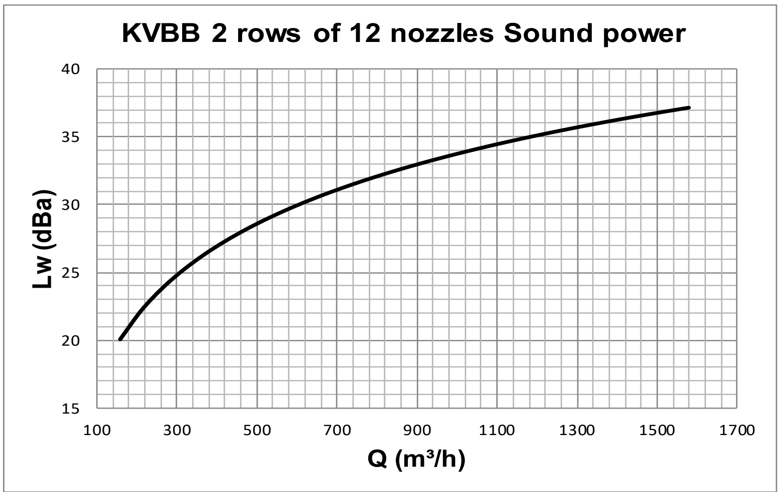
PERFORMANCE

KV-BB 1200x200 KV-BB B 1250x250 KV-BB D 1200x200



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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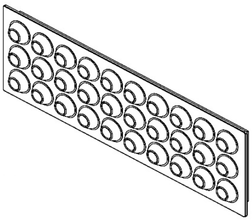
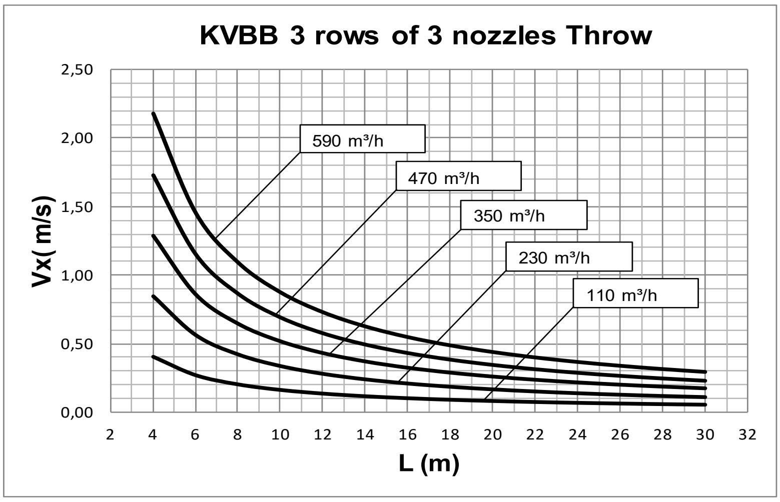


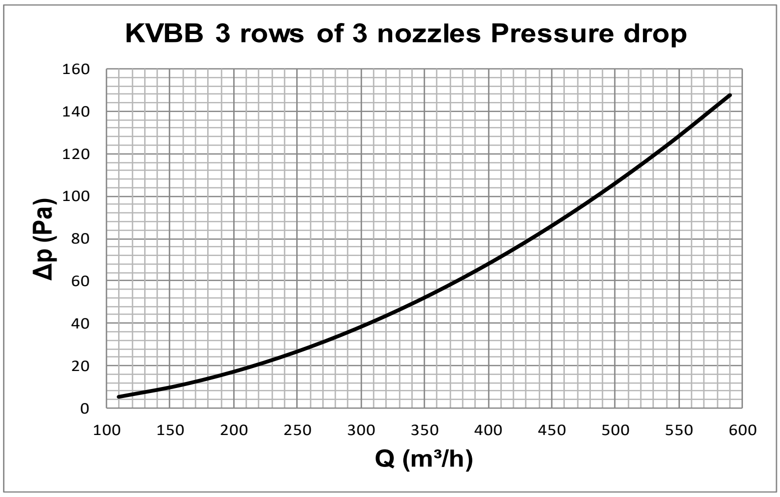
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

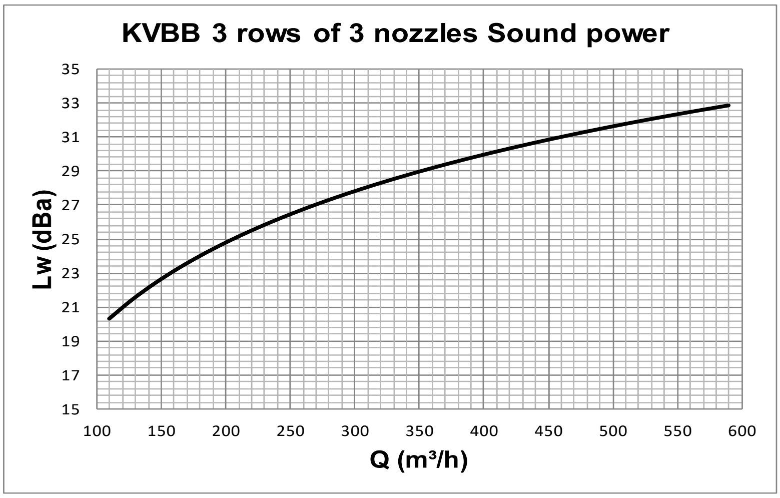
KV-BB
SERIES

PERFORMANCE
KV-BB 300x300 KV-BB B 350x350



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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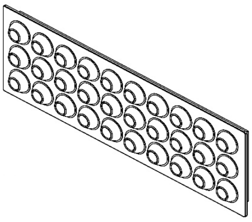
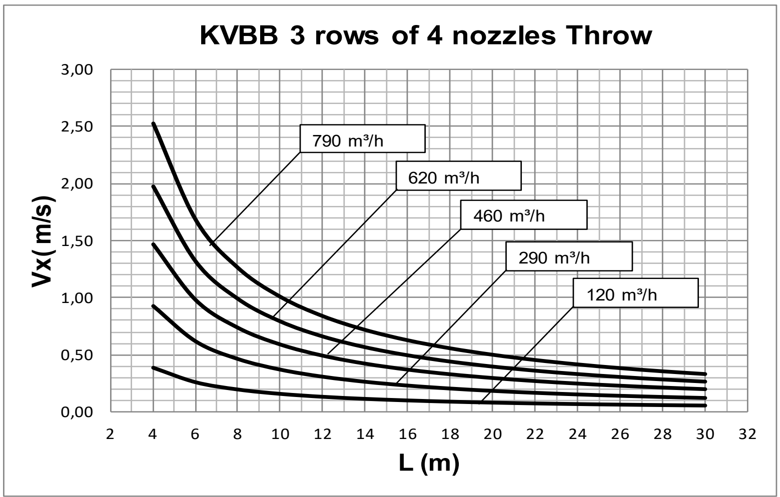


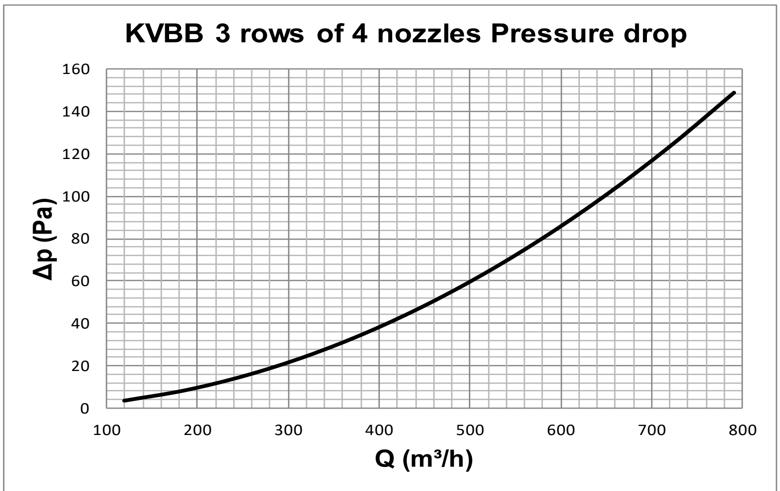
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

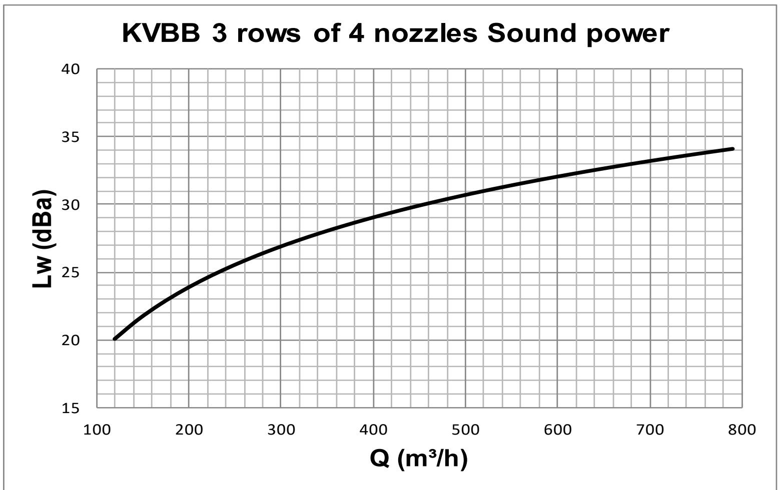
PERFORMANCE
KV-BB 400x300 KV-BB B 450x350

KV-BB
SERIES



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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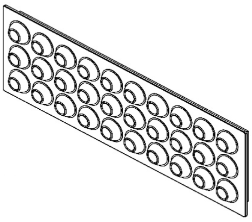
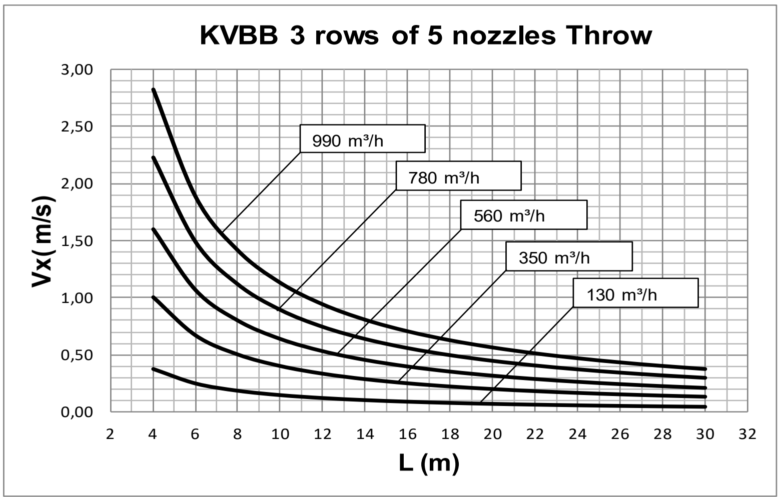


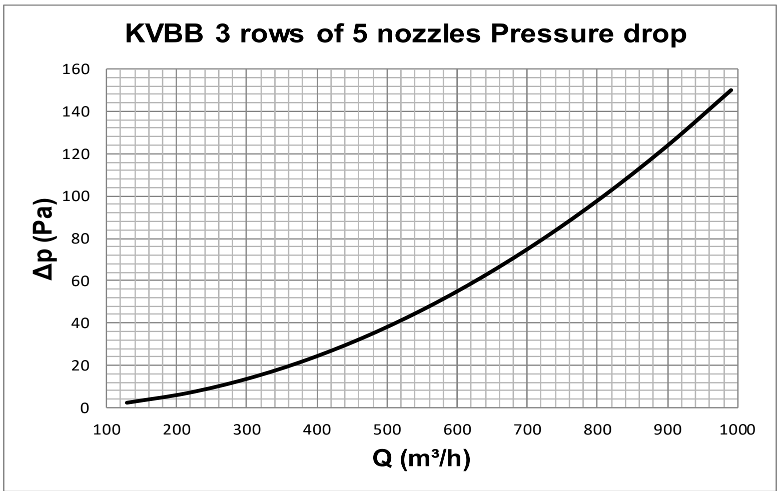
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

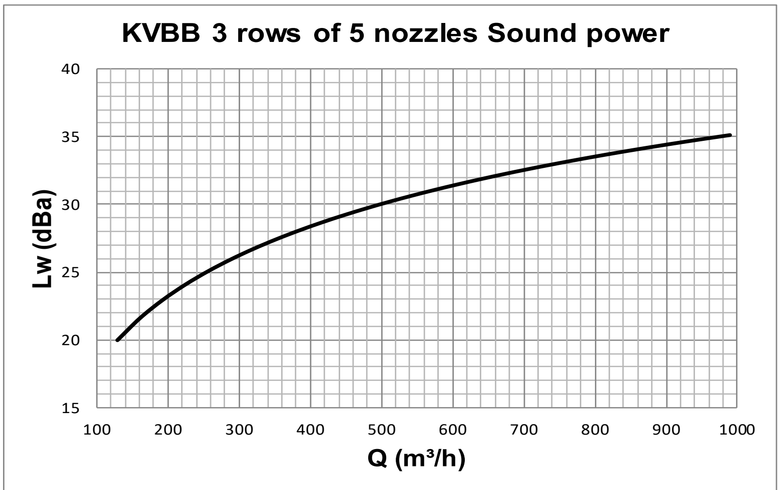
PERFORMANCE
KV-BB 500x300 KV-BB B 550x350

KV-BB
SERIES



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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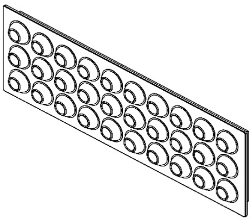
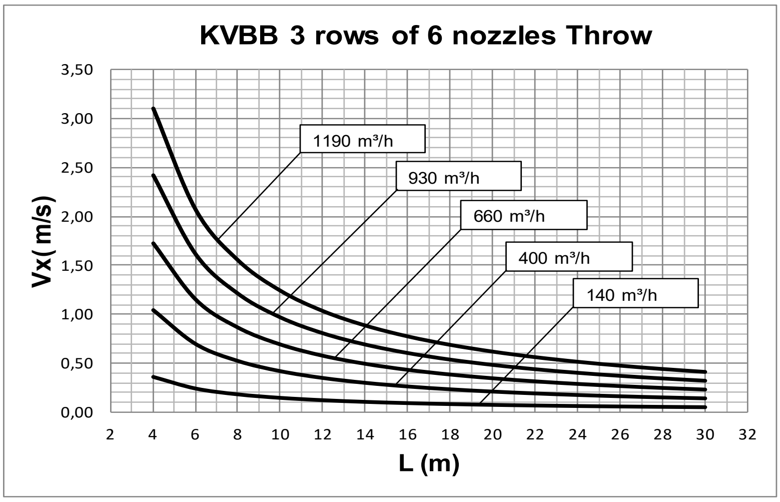


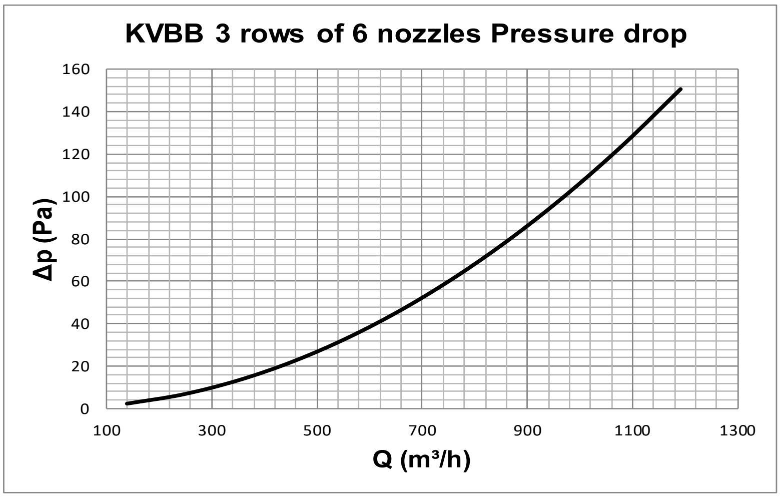
HIGH INDUCTION LONG THROW
DIFFUSERS FOR DEEP JET

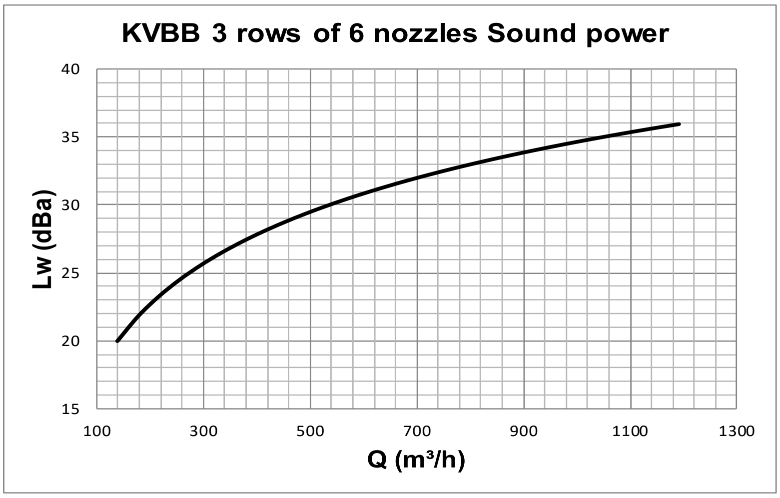
KV-BB
SERIES

PERFORMANCE
KV-BB 600x300 KV-BB B 650x350



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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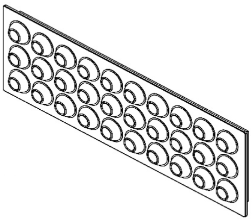
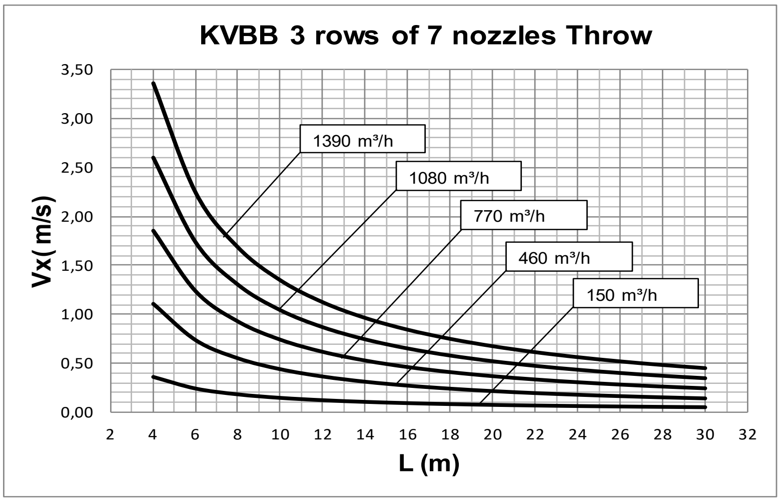


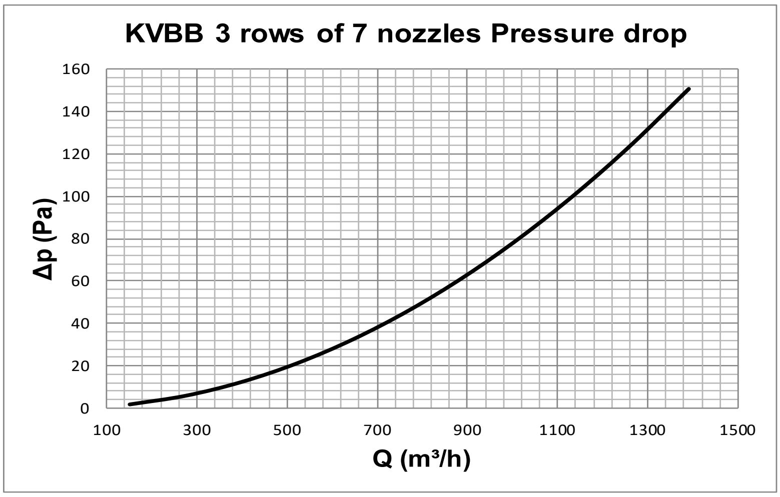
HIGH INDUCTION LONG THROW
DIFFUSERS FOR DEEP JET

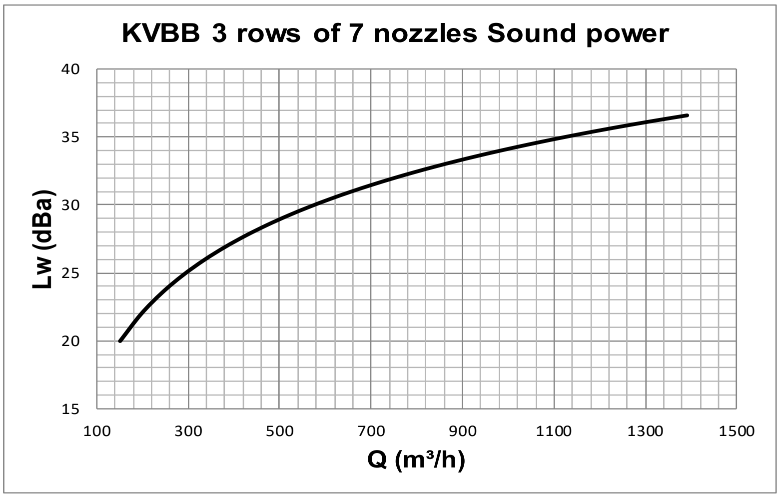
KV-BB
SERIES

PERFORMANCE
KV-BB 700x300 KV-BB B 750x350



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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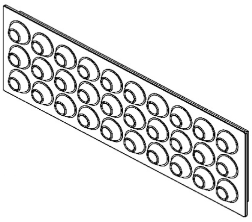
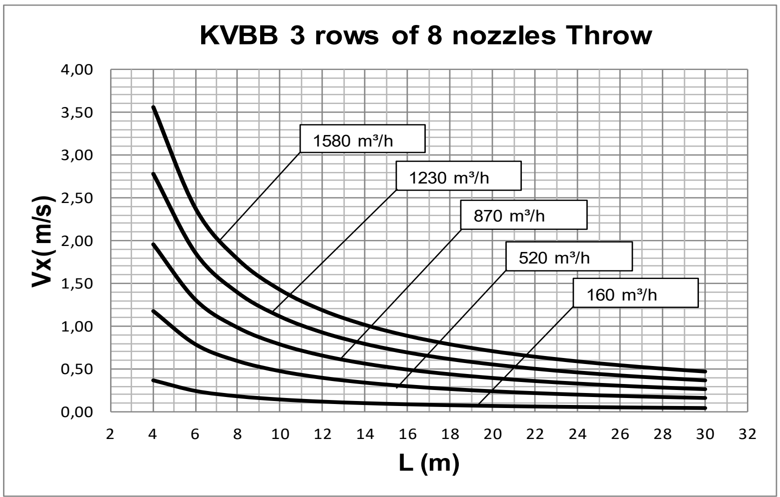


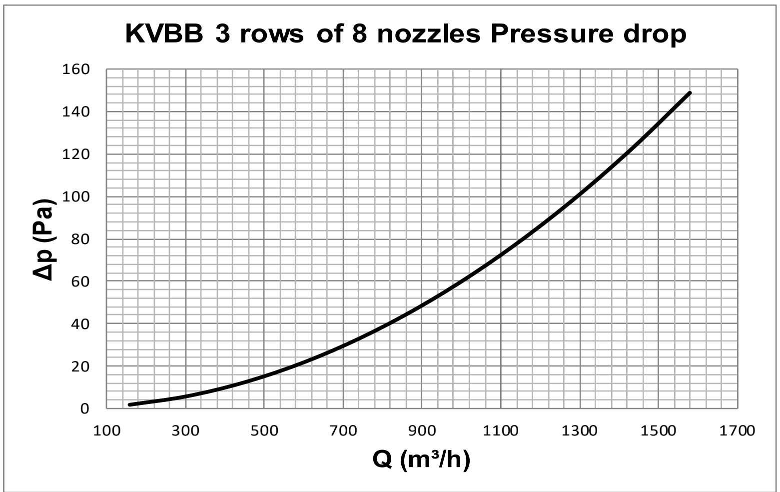
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

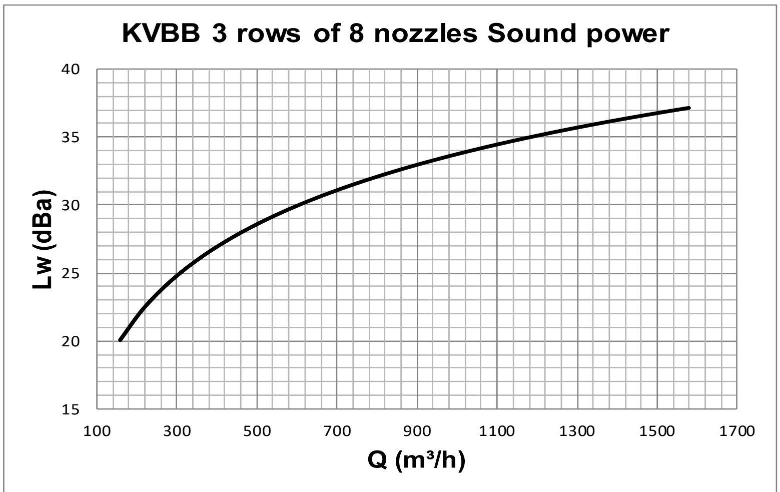
KV-BB SERIES

PERFORMANCE
KV-BB 800x300 KV-BB B 850x350



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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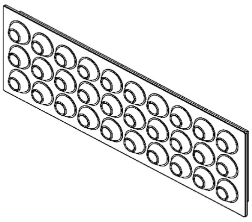
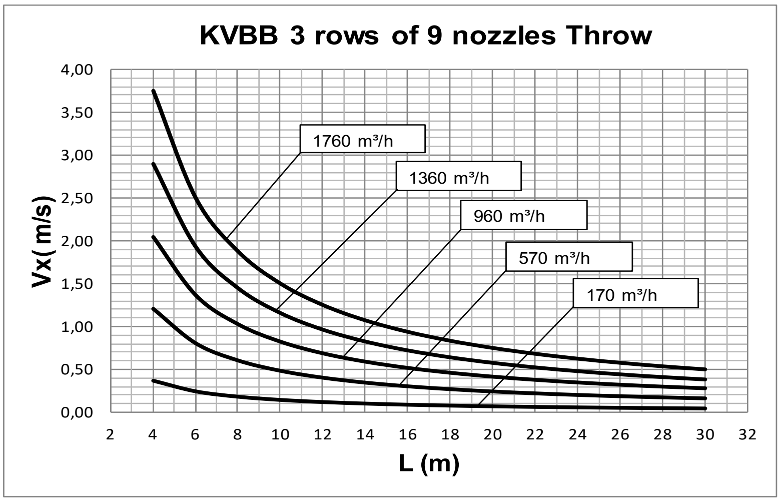


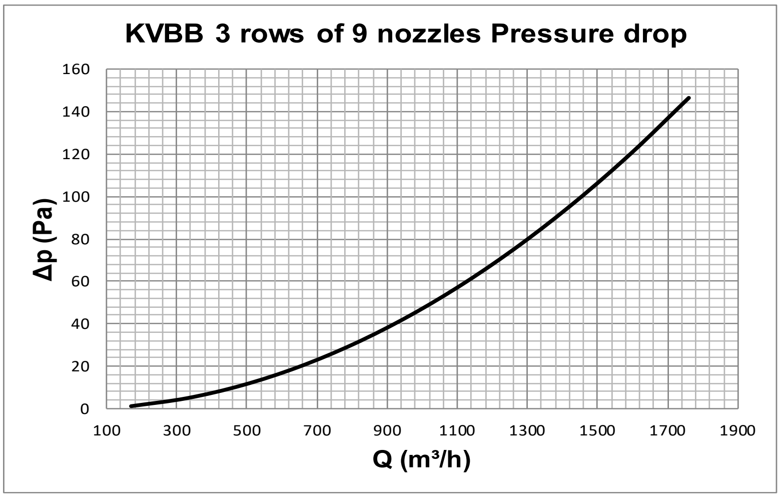
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

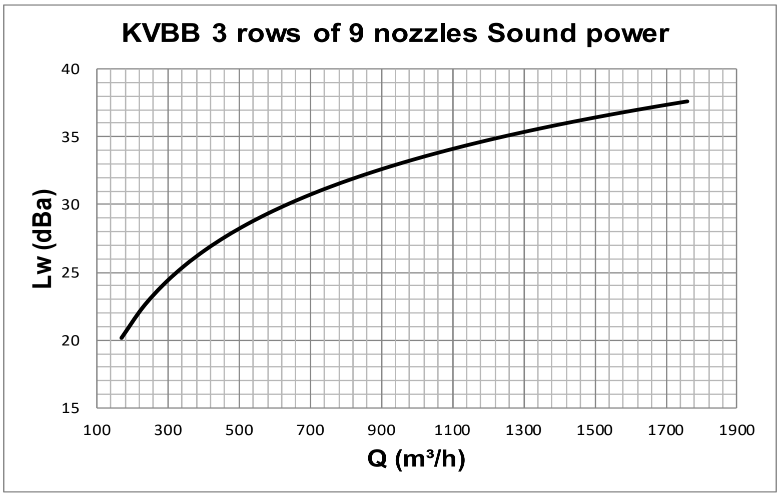
KV-BB SERIES

PERFORMANCE
KV-BB 900x300 KV-BB B 950x350



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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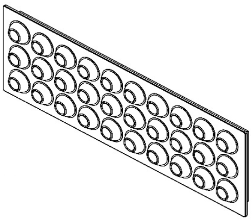
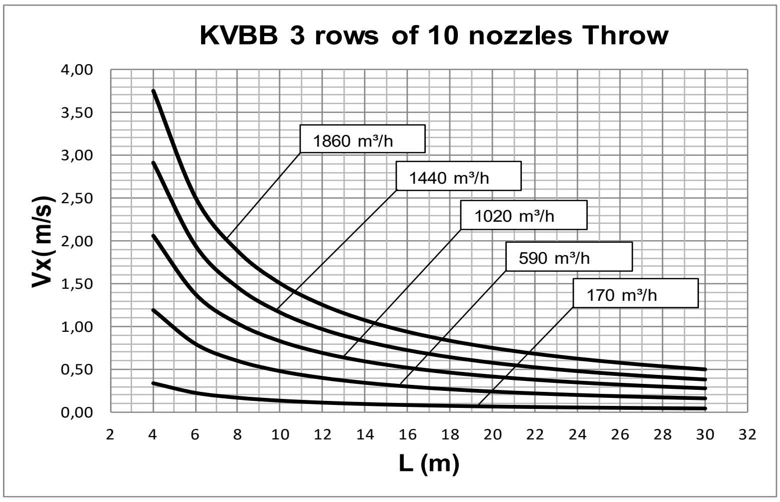


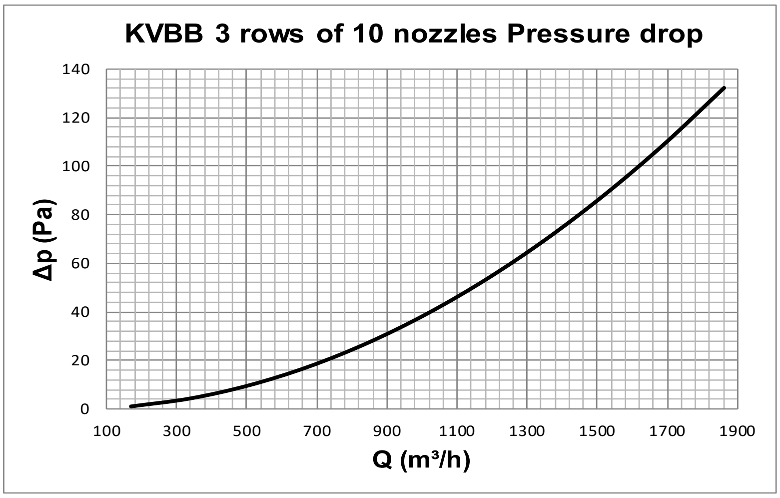
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

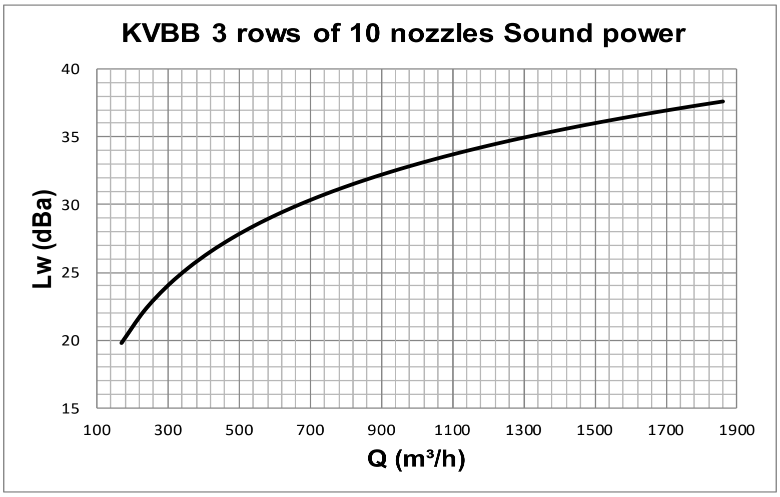
PERFORMANCE
KV-BB 1000x300 KV-BB B 1050x350

KV-BB
SERIES



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
ISO 5135 1997: *Acoustic - determination of sound power levels of noise from air-terminal devices ; air terminal units; dampers and valves by measurement in a reverberation room.*
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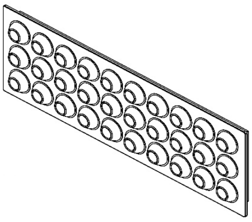
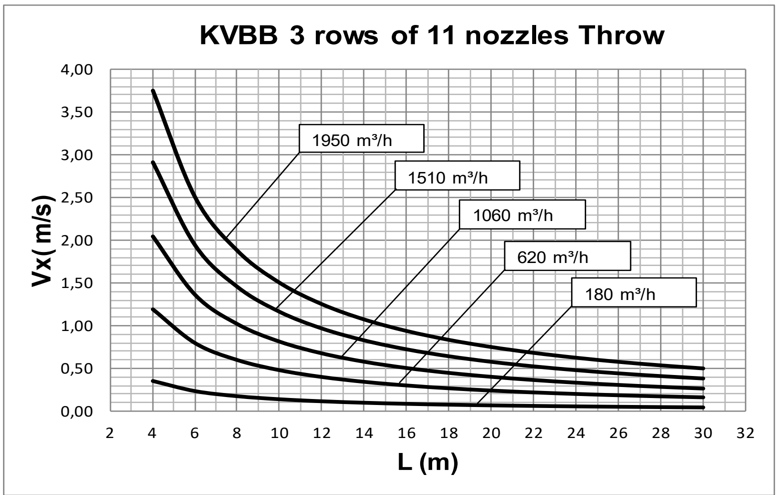


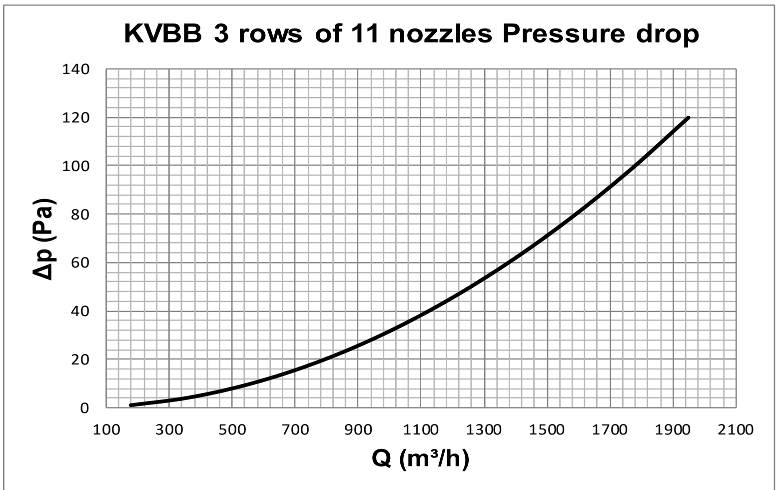
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

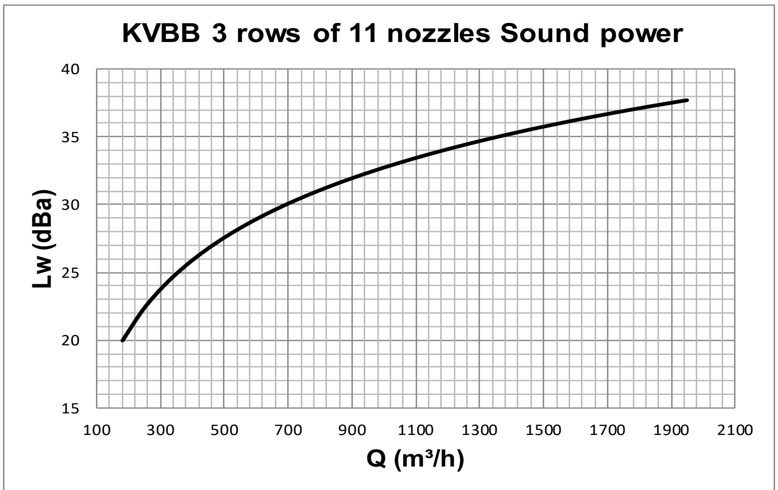
KV-BB
SERIES

PERFORMANCE
KV-BB 1100x300 KV-BB B 1150x350



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
ISO 3741 1999: *Acoustic - determination of sound power levels of noise sources using sound pressure - Precision methods for reverberation rooms*
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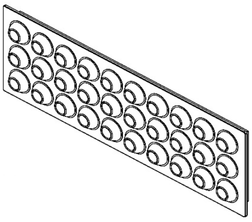
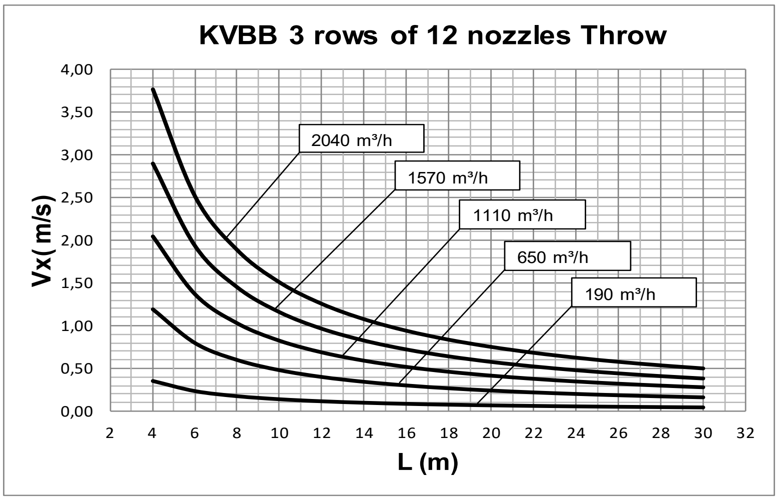


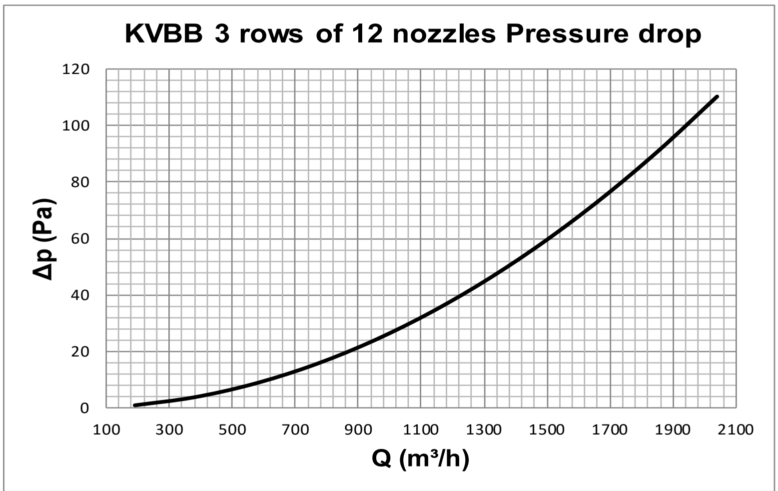
HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

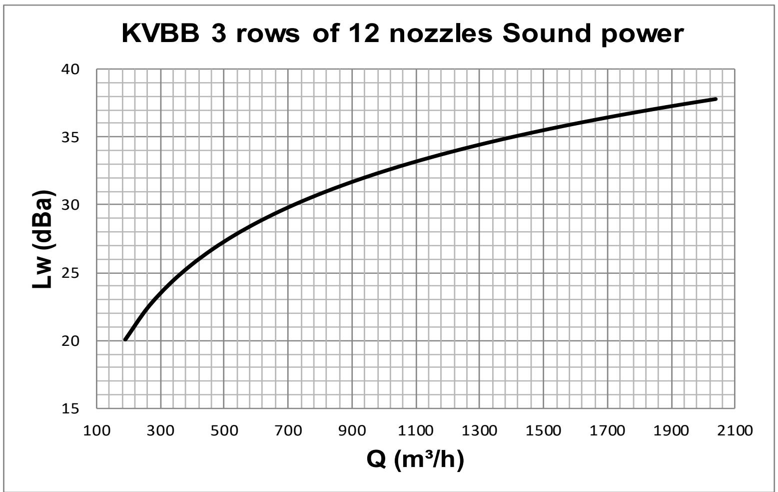
KV-BB SERIES

PERFORMANCE
KV-BB 1200x300 KV-BB B 1250x350



Values measured in isothermic conditions with diffuser placed horizontally in accordance with the following international standard:
ISO 5219 1984: *Air distribution and air diffusion - Laboratory. Aerodynamic testing and rating of air terminal devices.*





Data measured in reverberation room in accordance with international standards:
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HIGH INDUCTION LONG THROW DIFFUSERS FOR DEEP JET

KV-BB
SERIES

HOW TO ORDER

KVBB **Multi nozzle diffuer KV40**

-- without frame for fixing with clips
B with frame for fixing with mounting bridges
D with shaped panel for circular ducts.

-- RAL 9010 Gloss 80%
L RAL 9003 Gloss 30%

Base

Height

KVBB D L 1000 100

KVPL **Plenum for multi nozzle diffuer KV40**

-- diffuser without frame
B diffuser with frame

I with external insulation
C with internal insulation
N not insulated

Base

Height

KVPL B I 1000 100