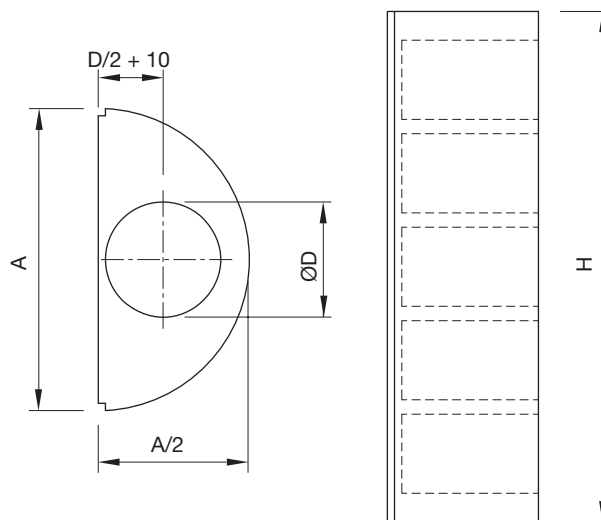


Perforated diffuser - semicircular

CBA



Dimensions



Description

Comdif CBA is a semicircular perforated displacement diffuser for installation against/on a wall or column.

Behind the perforated front plate, CBA is equipped with individually adjustable nozzles, making it possible to alter the geometry of the near zone. The diffuser can be turned and has a circular duct connection (MF measure), so the diffuser can be connected at the top or bottom. The diffuser is suitable for the supply of large volumes of moderately cooled air.

- The diffuser is suitable for the supply of large volumes of air.
- The geometry of the near zone can be adjusted using adjustable nozzles.
- Duct covers, plinths and wall brackets can be supplied as accessories

Maintenance

The front plate can be removed from the diffuser, making it possible to clean the nozzles. The visible parts of the diffuser can be wiped with a damp cloth.

Size	A mm	ØD mm	H mm	Weight kg
1207	350	125	710	6,50
1607	420	160	710	7,50
2010	500	200	970	13,0
2510	600	250	970	18,0
3115	730	315	1490	35,0
4020	900	400	2010	58,0
5020	1100	500	2010	78,0

Accessories

Can be supplied with duct cover, plinth and bracket for wall mounting.

Order code

Product	CBA	aaaa
Type		
Size		

Order - accessories

Cover:	CBAZ - 0 - size
Plinth:	CBAZ - 2 - size
Wall bracket:	CBAZ - 3 - size

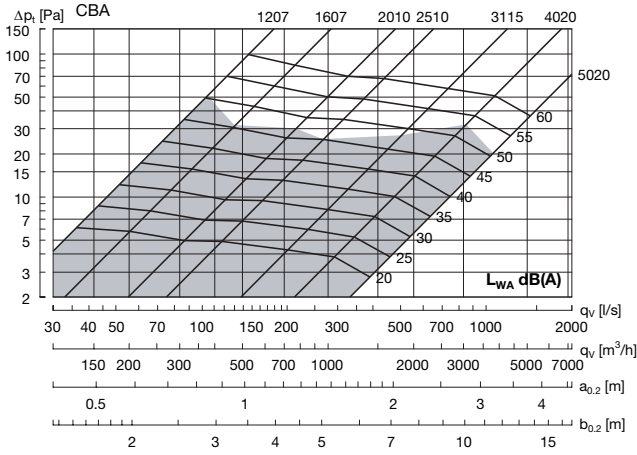
Materials and finish

Diffuser:	Galvanised steel
Nozzles:	Black plastic
Front plate:	1 mm galvanised steel
Standard finish:	Powder-coated
Standard colour:	RAL 9010 - white, gloss 30

The diffuser is available in other colours. Please contact Lindab's sales department for further information.

Perforated diffuser - semicircular CBA

Technical data



Recommended maximum volume flow

The near zone is given at an under-temperature of -3 K to a maximum terminal velocity of 0.20 m/s.

Conversion to other terminal velocities - see table 1, correction of the near zone for -3 K and -6 K respectively.

Sound effect level

Sound effect level L_W [dB] = $L_{WA} + K_{ok}$

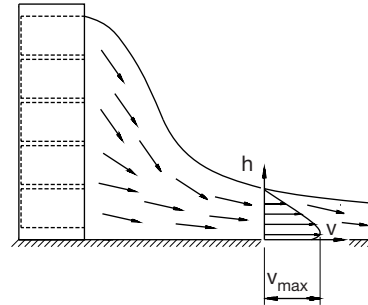
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
1207	8	-3	0	1	-8	-15	-27	-38
1607	10	-3	3	0	-8	-18	-30	-33
2010	15	-2	3	0	-9	-16	-30	-37
2510	10	-1	4	-1	-9	-16	-29	-41
3115	11	1	4	-1	-8	-17	-30	-42
4020	13	3	4	-1	-9	-17	-30	-43
5020	7	2	2	0	-6	-16	-19	-17

Sound attenuation

Sound attenuation ΔL [dB] including end reflection.

Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
1207	19	14	5	3	2	1	2	1
1607	16	12	4	1	2	1	2	2
2010	12	8	4	2	3	2	2	2
2510	12	8	5	2	1	1	1	1
3115	11	8	3	2	1	1	2	2
4020	9	6	1	1	1	1	1	1
5020	7	5	0	1	1	1	1	2

Nearzone



Large diffusion (factory setting)

Small diffusion

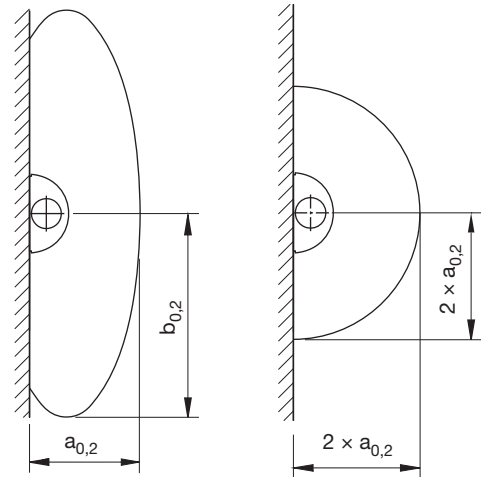
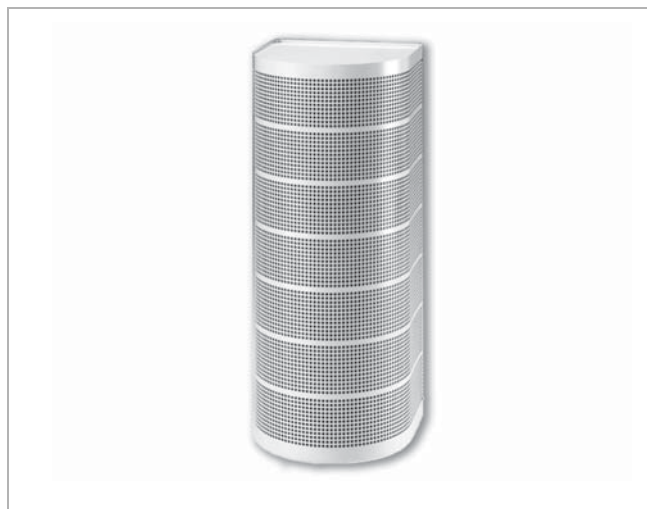


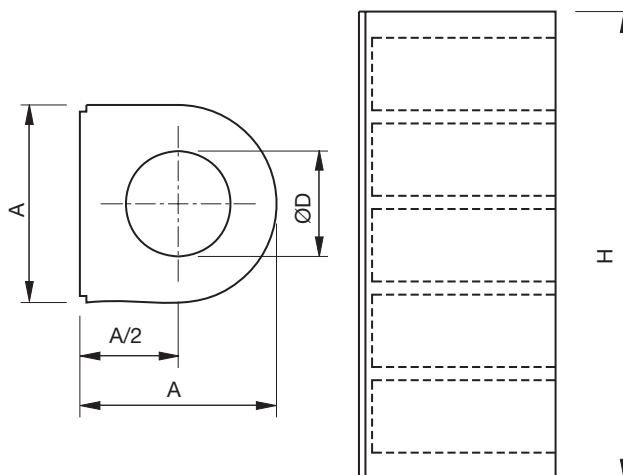
Table 1 Correction of the near zone ($a_{0,2}$, $b_{0,2}$)

Under-temperature $T_r - T_r$	Maximum velocity m/s	Mean velocity m/s	Correction factor
-3K	0.20	0.10	1.00
	0.25	0.12	0.80
	0.30	0.15	0.70
	0.35	0.17	0.60
	0.40	0.20	0.50
-6K	0.20	0.10	1.20
	0.25	0.12	1.00
	0.30	0.15	0.80
	0.35	0.17	0.70
	0.40	0.20	0.60

Perforated diffuser - semicircular CHA



Dimensions



Description

Comdif CHA is a semicircular perforated displacement diffuser for installation against a wall or column. Behind the perforated front plate, CHA is equipped with individually adjustable nozzles, making it possible to alter the geometry of the near zone. The diffuser can be turned and has a circular duct connection (MF measure), so the diffuser can be connected at the top or bottom. The diffuser is suitable for the supply of large volumes of moderately cooled air.

- The diffuser is suitable for the supply of large volumes of air.
- The geometry of the near zone can be adjusted using adjustable nozzles
- Duct covers, plinths and wall brackets can be supplied as accessories

Maintenance

The front plate can be removed from the diffuser, making it possible to clean the nozzles. The visible parts of the diffuser can be wiped with a damp cloth.

Size	A mm	ØD mm	H mm	Weight kg
1207	250	125	710	6,50
1607	300	160	710	7,50
2010	330	200	970	13,0
2510	400	250	970	18,0
3115	520	315	1490	35,0
4020	630	400	2010	58,0
5020	730	500	2010	78,0
6320	830	630	2010	106

Accessories

Can be supplied with duct cover, plinth and bracket for wall mounting.

Order code

Product	CHA	aaaa
Type		
Size		

Order - accessories

Cover:	CHAZ - 0 - size
Plinth:	CHAZ - 2 - size
Wall bracket:	CHAZ - 3 - size

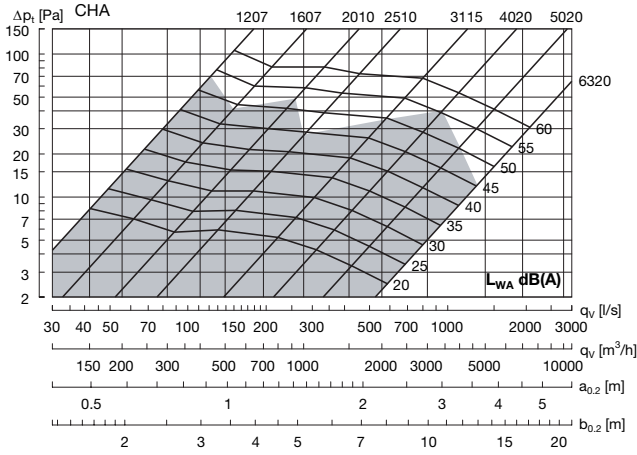
Materials and finish

Diffuser:	Galvanised steel
Nozzles:	Black plastic
Front plate:	1 mm galvanised steel
Standard finish:	Powder-coated
Standard colour:	RAL 9010 - white, gloss 30

The diffuser is available in other colours. Please contact Lindab's sales department for further information.

Perforated diffuser - semicircular CHA

Technical data



Recommended maximum volume flow

The near zone is given at an under-temperature of -3 K to a maximum terminal velocity of 0.20 m/s.

Conversion to other terminal velocities - see table 1, correction of the near zone for -3 K and -6 K respectively.

Sound effect level

Sound effect level L_W [dB] = $L_{WA} + K_{ok}$

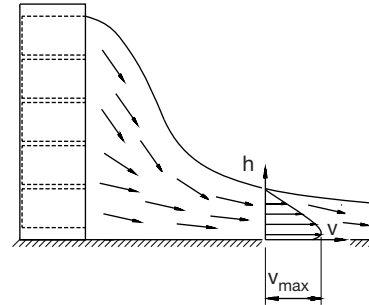
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
1207	11	-4	1	1	-9	-16	-28	-34
1607	9	-2	2	0	-8	-16	-28	-34
2010	10	-2	3	0	-7	-16	-28	-39
2510	11	0	4	-2	-7	-15	-27	-37
3115	13	1	3	-1	-7	-17	-29	-42
4020	7	3	2	-1	-5	-14	-19	-14
5020	7	3	2	0	-6	-16	-19	-17
6320	7	3	2	0	-6	-16	-29	-17

Sound attenuation

Sound attenuation ΔL [dB] including end reflection.

Size	Centre frequency Hz								
	63	125	250	500	1K	2K	4K	8K	
1207	19	14	5	3	2	1	2	1	
1607	16	12	4	1	2	1	2	2	
2010	12	8	4	2	3	2	2	2	
2510	12	8	5	2	1	1	1	1	
3115	11	8	3	2	1	1	2	2	
4020	9	6	1	1	1	1	1	1	
5020	7	5	0	1	1	1	1	2	
6320	5	3	1	1	0	0	0	0	

Nearzone



Large diffusion (factory setting)

Small diffusion

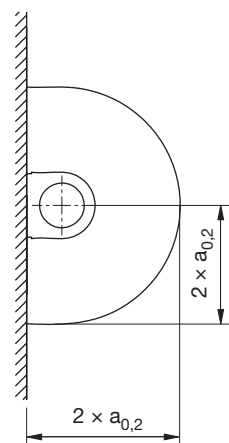
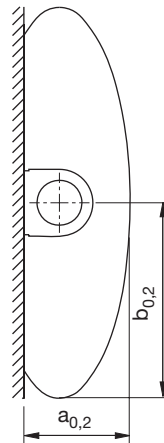


Table 1 Correction of the near zone ($a_{0,2}$, $b_{0,2}$)

Under-temperature $T_r - T_r$	Maximum velocity m/s	Mean velocity m/s	Correction factor
-3K	0.20	0.10	1.00
	0.25	0.12	0.80
	0.30	0.15	0.70
	0.35	0.17	0.60
	0.40	0.20	0.50
-6K	0.20	0.10	1.20
	0.25	0.12	1.00
	0.30	0.15	0.80
	0.35	0.17	0.70
	0.40	0.20	0.60

Perforated diffuser - corner

CQA



Description

Comdif CQA is a semicircular perforated displacement diffuser for corner installation. Behind the perforated front plate, CQA is equipped with individually adjustable nozzles, making it possible to alter the geometry of the near zone. The diffuser can be turned and has a circular duct connection (MF measure), so the diffuser can be connected at the top or bottom. The diffuser is suitable for the supply of large volumes of moderately cooled air.

- The diffuser is suitable for the supply of large volumes of air.
- The geometry of the near zone can be adjusted using adjustable nozzles
- Duct covers, plinths and wall brackets can be supplied as accessories

Maintenance

The front plate can be removed from the diffuser, making it possible to clean the nozzles. The visible parts of the diffuser can be wiped with a damp cloth.

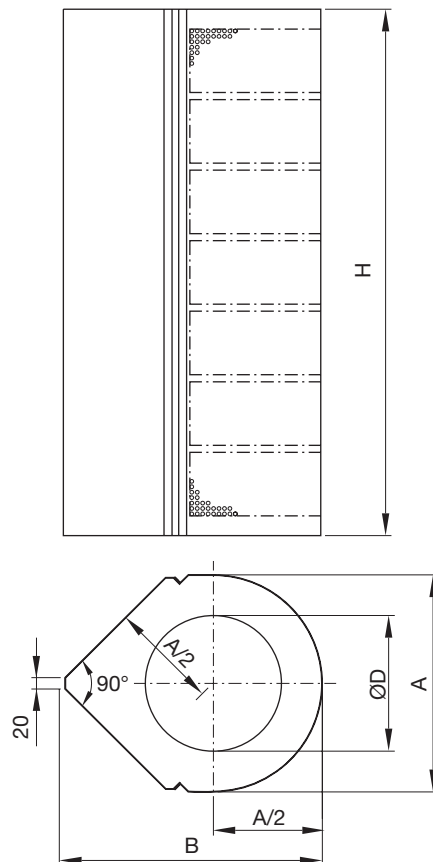
Order code

Product	CQA	aaaa
Type		
Size		

Order - accessories

Cover:	CQAZ - 0 - size
Plinth:	CQAZ - 2 - size
Wall bracket:	CQAZ - 3 - size

Dimensions



Size	A mm	B mm	ØD mm	H mm	Weight kg
1207	250	302	125	710	8,00
1607	300	362	160	710	9,00
2010	330	398	200	970	14,0
2510	400	483	250	970	20,0
3115	520	628	315	1490	40,0
4020	630	760	400	2010	64,0

Accessories

Can be supplied with duct cover, plinth and bracket for wall mounting.

Materials and finish

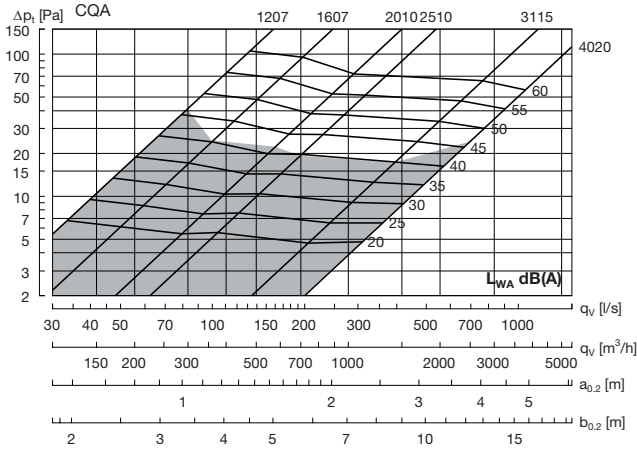
Diffuser:	Galvanised steel
Nozzles:	Black plastic
Front plate:	1 mm galvanised steel
Standard finish:	Powder-coated
Standard colour:	RAL 9010 - white, gloss 30

The diffuser is available in other colours. Please contact Lindab's sales department for further information.

Perforated diffuser - corner

CQA

Technical data



Recommended maximum volume flow.

The near zone is given at an under-temperature of -3 K to a maximum terminal velocity of 0.20 m/s.

Conversion to other terminal velocities - see table 1, correction of the near zone for -3 K and -6 K respectively.

Sound effect level

Sound effect level L_W [dB] = $L_{WA} + K_{ok}$

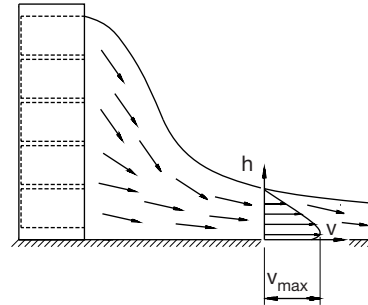
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
1207	8	-3	3	0	-7	-15	-27	-35
1607	11	-1	5	-2	-8	-16	-28	-34
2010	11	0	5	-2	-7	-16	-28	-40
2510	11	2	5	-2	-7	-15	-29	-39
3115	11	3	5	-2	-8	-17	-29	-38
4020	12	4	2	0	-8	-16	-30	-41

Sound attenuation

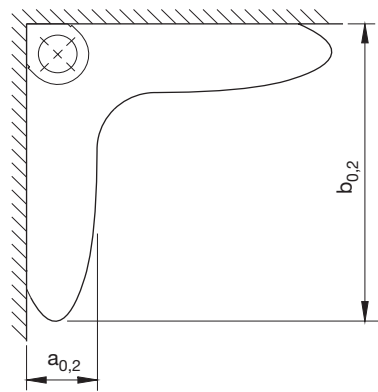
Sound attenuation ΔL [dB] including end reflection.

Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
1207	18	13	5	3	3	2	2	2
1607	15	11	3	1	2	2	2	2
2010	11	7	3	8	5	5	7	7
2510	10	6	5	7	5	4	4	5
3115	9	6	5	4	4	5	5	7
4020	8	5	2	3	2	3	3	3

Nearzone



Large diffusion (factory setting)



Small diffusion

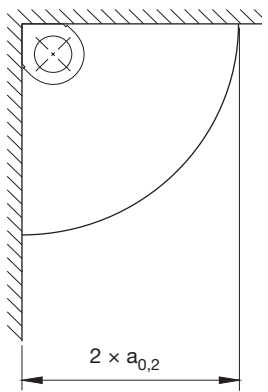


Table 1 Correction of the near zone ($a_{0,2}$, $b_{0,2}$)

Under-temperature $T_f - T_r$	Maximum velocity m/s	Mean velocity m/s	Correction factor
-3K	0.20	0.10	1.00
	0.25	0.12	0.80
	0.30	0.15	0.70
	0.35	0.17	0.60
	0.40	0.20	0.50
-6K	0.20	0.10	1.20
	0.25	0.12	1.00
	0.30	0.15	0.80
	0.35	0.17	0.70
	0.40	0.20	0.60

Perforated diffuser - rectangular

CRA



Description

Comdif CRA is a rectangular perforated displacement diffuser for installation against a wall or column. CRA has a rectangular connection and therefore has a limited depth, making it ideal for installation in premises where a discrete appearance is required. Behind the perforated front plate, CRA is equipped with individually adjustable nozzles, making it possible to alter the geometry of the near zone. The diffuser can be turned and has a rectangular duct connection, so the diffuser can be connected at the top or bottom. The connection duct CRAZ with a circular connection is available as an accessory. The diffuser is suitable for the supply of large volumes of moderately cooled air.

- The diffuser is suitable for the supply of large volumes of air.
- The geometry of the near zone can be adjusted using adjustable nozzles
- Duct connections and plinths can be supplied as accessories

Maintenance

The front plate can be removed from the diffuser, making it possible to clean the nozzles. The visible parts of the diffuser can be wiped with a damp cloth.

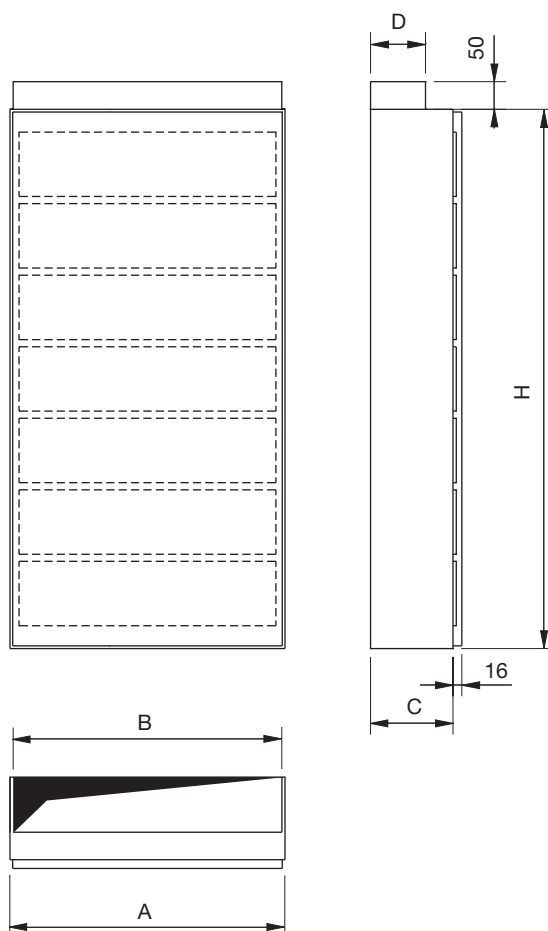
Order code

Product	CRA	aaaa
Type		
Size		

Order - accessories

Connection duct: CRAZ - 1 - size
 Plinth: CRAZ - 2 - size

Dimensions



Size	A mm	B mm	C mm	D mm	H mm	Weight kg
3010	300	278	150	98	980	10,0
5010	500	478	150	98	980	17,0
8010	800	778	150	98	980	27,0
8020	800	778	250	198	2020	32,0

Accessories

Can be supplied with duct connection and plinth.

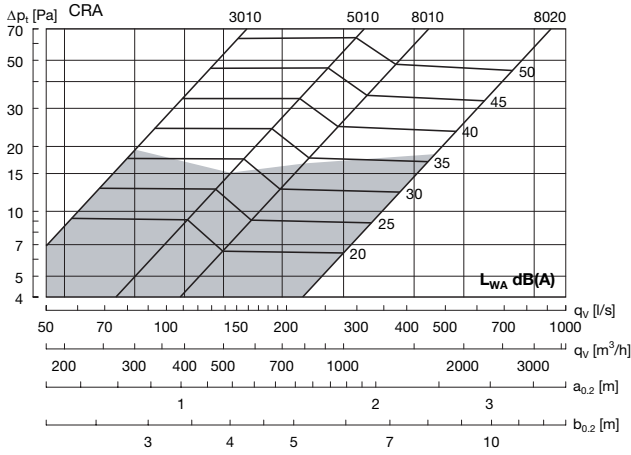
Materials and finish

Diffuser: Galvanised steel
 Nozzles: Black plastic
 Front plate: 1,5 mm galvanised steel
 Standard finish: Powder-coated
 Standard colour: RAL 9010 - white, gloss 30

The diffuser is available in other colours. Please contact Lindab's sales department for further information.

Perforated diffuser - rectangular CRA

Technical data



Recommended maximum volume flow

The near zone is given at an under-temperature of -3 K to a maximum terminal velocity of 0.20 m/s.

Conversion to other terminal velocities - see table 1, correction of the near zone for -3 K and -6 K respectively.

Sound effect level

Sound effect level L_W [dB] = $L_{WA} + K_{ok}$

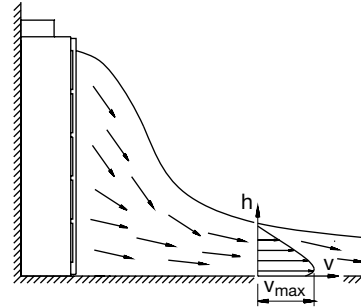
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
3010	9	-1	5	-1	-11	-17	-30	-41
5010	7	1	4	0	-11	-19	-32	-42
8010	15	0	4	0	-12	-20	-31	-43
8020	10	4	6	-2	-11	-21	-33	-39

Sound attenuation

Sound attenuation ΔL [dB] including end reflection.

Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
3010	11	7	6	4	2	2	1	2
5010	10	6	6	4	2	2	1	2
8010	10	6	4	3	2	1	1	1
8020	7	4	3	2	1	1	1	1

Nearzone



Large diffusion
(factory setting)

Small diffusion

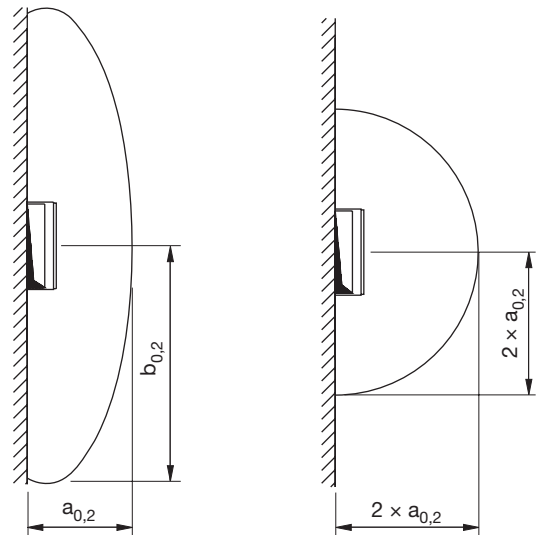


Table 1
Correction of the near zone ($a_{0,2}$, $b_{0,2}$)

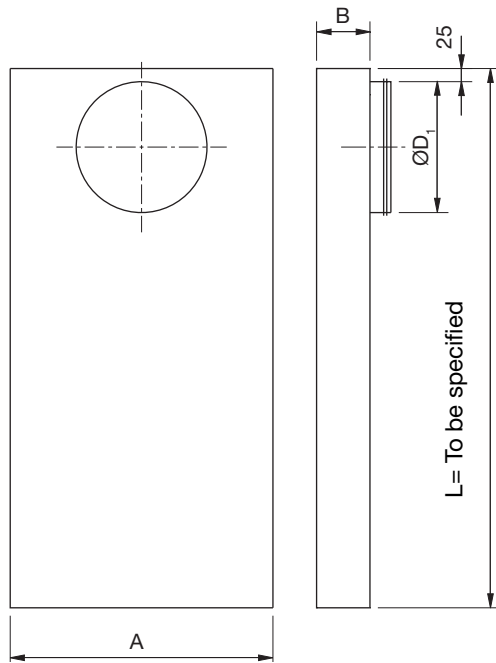
Under-temperature $T_f - T_r$	Maximum velocity m/s	Mean velocity m/s	Correction factor
-3K	0.20	0.10	1.00
	0.25	0.12	0.80
	0.30	0.15	0.70
	0.35	0.17	0.60
	0.40	0.20	0.50
-6K	0.20	0.10	1.20
	0.25	0.12	1.00
	0.30	0.15	0.80
	0.35	0.17	0.70
	0.40	0.20	0.60

Perforated diffuser - rectangular

CRA

Accessories

Connection duct CRAZ-1



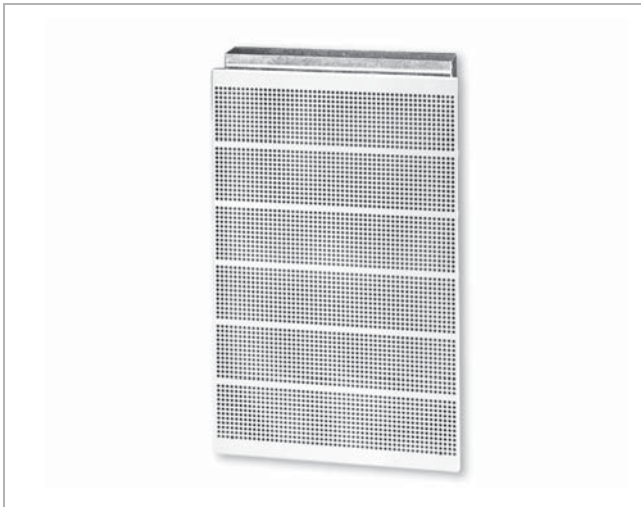
Size	A mm	B mm	ØD ₁ mm	Weight kg/m
3010	280	100	200	5,0
5010	480	100	250	7,0
8010	780	100	315	9,0
8020	780	200	400	11,0

Order code

Connection duct	CRAZ-1	aaaa	bbbb	c
Type				
Size				
Length	According to dimensions in mm L=max. 2,000 mm			
Connection	Front Back (Standard)	0 1		

Perforated diffuser - installation

CVA



Description

Comdif CVA is a rectangular perforated displacement diffuser for installation in walls or similar structures. CVA has a rectangular connection. Behind the perforated front plate, CVA is equipped with individually adjustable nozzles, making it possible to alter the geometry of the near zone. The diffuser can be turned and has a rectangular duct connection, so the diffuser can be connected at the top or bottom. A wall duct with circular connection is supplied as an accessory. The diffuser is suitable for the supply of large volumes of moderately cooled air.

- The diffuser is suitable for installation in walls.
- The geometry of the near zone can be adjusted using adjustable nozzles.
- A wall duct can be supplied as an accessory.

Maintenance

The front plate can be removed from the diffuser, making it possible to clean the nozzles. The visible parts of the diffuser can be wiped with a damp cloth.

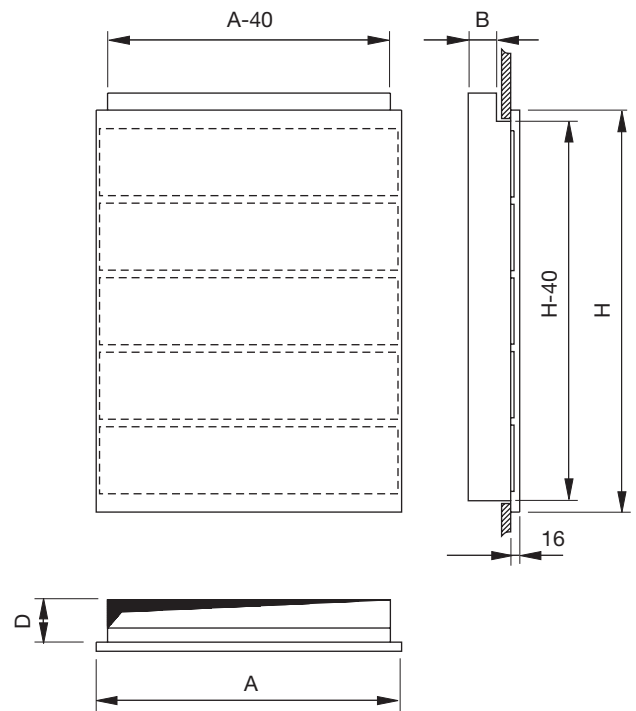
Order code

Product	CVA	aaaa
Type		
Size		

Order - accessories

Wall duct: CVAZ -1 - size

Dimensions



Size	A mm	B mm	D mm	H mm	m kg
3005	540	50	75	320	4,40
5005	540	50	75	450	5,80
6005	540	50	75	580	8,70
6008	540	80	105	580	9,00
8008	540	80	105	840	12,0

Cutting dimension: A - 30 x H - 30

Accessories

Can be supplied with wall duct.

Materials and finish

Diffuser:	Galvanised steel
Nozzles:	Black plastic
Front plate:	1,5 mm galvanised steel
Standard finish:	Powder-coated
Standard colour:	RAL 9010 - white, gloss 30

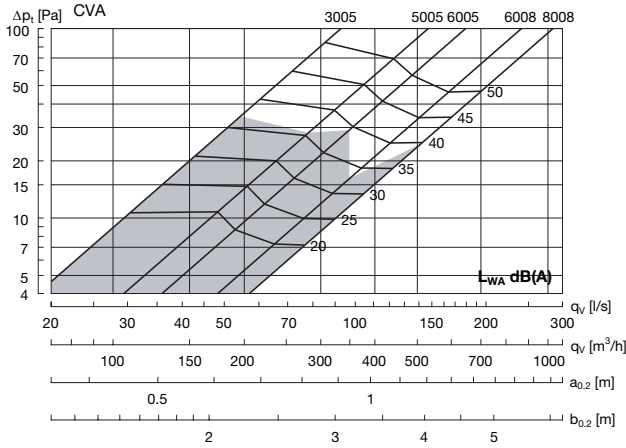
The diffuser is available in other colours. Please contact Lindab's sales department for further information.



Perforated diffuser - installation

CVA

Technical data



Recommended maximum volume flow

The near zone is given at an under-temperature of -3 K to a maximum terminal velocity of 0.20 m/s.

Conversion to other terminal velocities - see table 1, correction of the near zone for -3 K and -6 K respectively.

Sound effect level

$$\text{Sound effect level } L_W \text{ [dB]} = L_{WA} + K_{Ok}$$

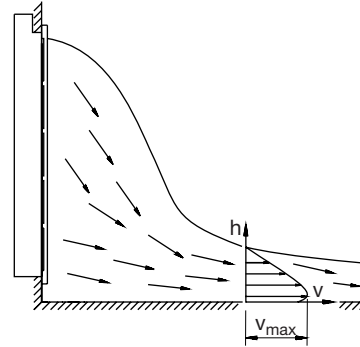
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
3005	7	-2	-2	1	-8	-17	-27	-38
5005	7	-3	-1	1	-7	-17	-29	-36
6005	11	-4	-1	1	-7	-17	-29	-37
6008	12	-4	2	1	-9	-20	-31	-31
8008	10	-4	2	1	-9	-19	-30	-43

Sound attenuation

Sound attenuation ΔL [dB] including end reflection.

Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
3005	18	13	9	4	1	0	0	1
5005	15	11	8	2	2	1	0	0
6005	15	10	4	2	0	0	0	1
6008	12	8	3	2	0	0	0	0
8008	12	8	3	1	0	0	0	0

Nearzone



Large diffusion (factory setting)

Small diffusion

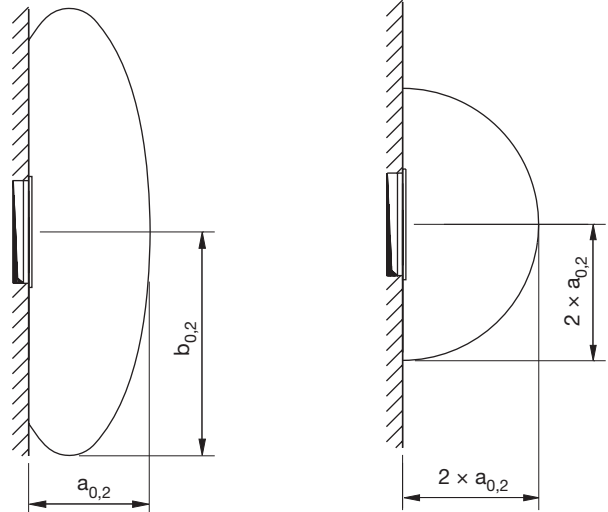


Table 1
Correction of the near zone ($a_{0,2}$, $b_{0,2}$)

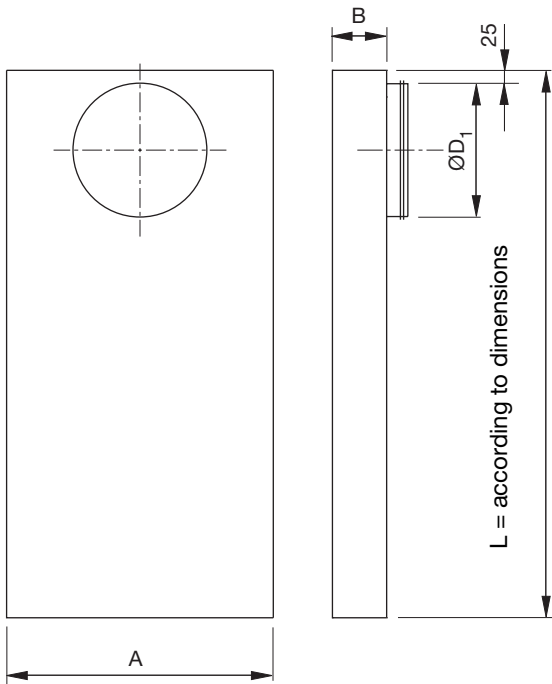
Under-temperature $T_f - T_r$	Maximum velocity m/s	Mean velocity m/s	Correction factor
-3K	0.20	0.10	1.00
	0.25	0.12	0.80
	0.30	0.15	0.70
	0.35	0.17	0.60
	0.40	0.20	0.50
-6K	0.20	0.10	1.20
	0.25	0.12	1.00
	0.30	0.15	0.80
	0.35	0.17	0.70
	0.40	0.20	0.60

Perforated diffuser - installation

CVA

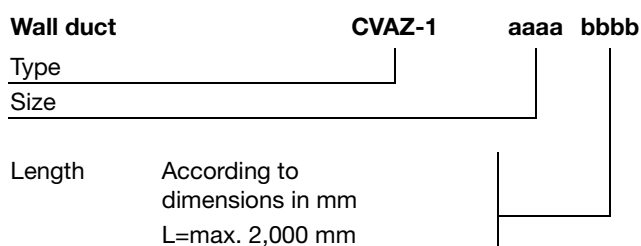
Accessories

Wall duct CVAZ-1



Size	A mm	B mm	ØD ₁ mm	Weight kg/m
3005	502	52	125	6,0
5005	502	52	160	6,0
6005	502	52	200	6,0
6008	502	82	250	6,5
8008	502	82	315	6,5

Order code



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

Perforated diffuser - rectangular

CEA



Description

Comdif CEA is a rectangular perforated displacement diffuser for installation against a wall or column. Behind the perforated front plate, CEA is equipped with individually adjustable nozzles, making it possible to alter the geometry of the near zone. The diffuser can be turned and has a circular duct connection (MF measure), so the diffuser can be connected at the top or bottom. The diffuser is suitable for the supply of large volumes of moderately cooled air.

- The diffuser is suitable for the supply of large volumes of air.
- The geometry of the near zone can be adjusted using adjustable nozzles.
- Plinths be supplied as accessories.

Maintenance

The front plate can be removed from the diffuser, making it possible to clean the nozzles. The visible parts of the diffuser can be wiped with a damp cloth.

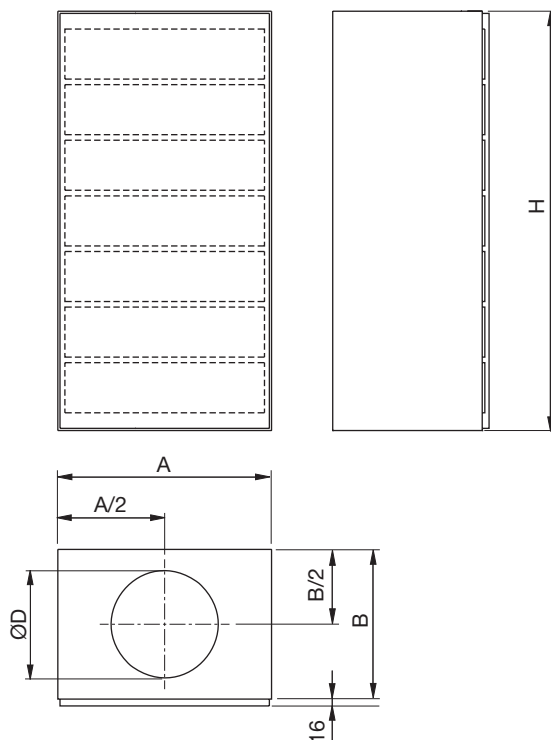
Order code

Product	CEA	aaaa
Type		
Size		

Order - accessories

Plinth: CEAZ - 2 - size

Dimensions



Size	A mm	B mm	ØD mm	H mm	Weight kg
200	300	300	200	980	12,0
250	500	350	250	980	24,0
315	800	500	315	1500	80,0
400	800	600	400	1500	96,0

Accessories

Can be supplied with plinth.

Materials and finish

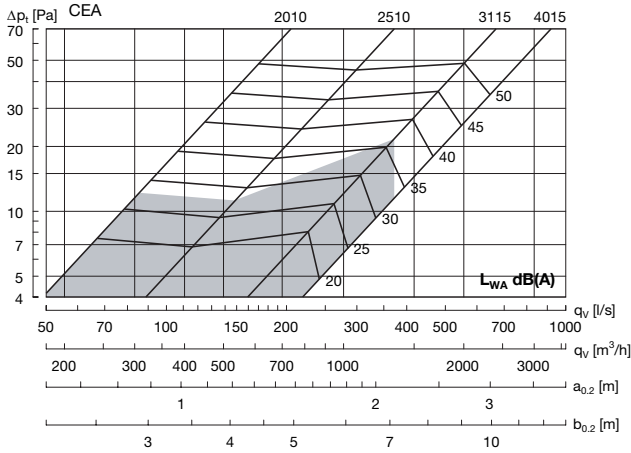
Diffuser:	Galvanised steel
Nozzles:	Black plastic
Front plate:	1,5 mm galvanised steel
Standard finish:	Powder-coated
Standard colour:	RAL 9010 - white, gloss 30

The diffuser is available in other colours. Please contact Lindab's sales department for further information.

Perforated diffuser - rectangular

CEA

Technical data



Recommended maximum volume flow.

The near zone is given at an under-temperature of -3 K to a maximum terminal velocity of 0.20 m/s.

Conversion to other terminal velocities - see table 1, correction of the near zone for -3 K and -6 K respectively.

Sound effect level

Sound effect level L_W [dB] = $L_{WA} + K_{ok}$

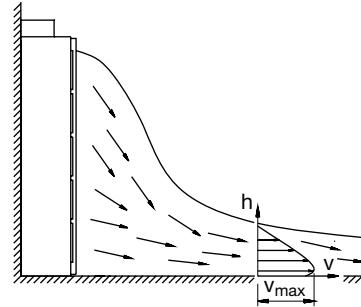
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
2010	11	4	4	-1	-8	-14	-25	-37
2510	8	4	2	0	-6	-16	-27	-40
3115	14	6	3	-1	-8	-17	-29	-25
4015	11	3	2	1	-10	-18	-30	-37

Sound attenuation

Sound attenuation ΔL [dB] including end reflection.

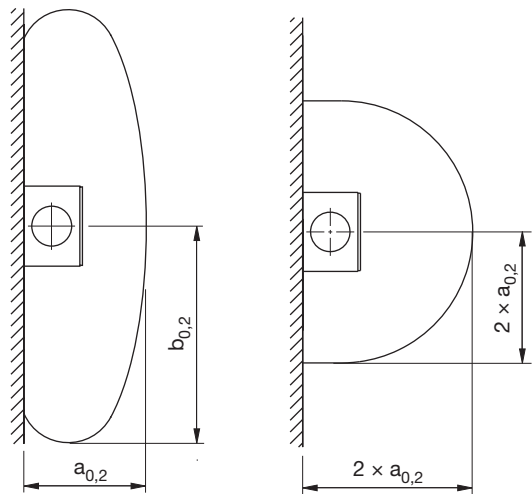
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
2010	10	6	1	4	5	3	4	4
2510	10	6	6	4	2	2	4	3
3115	9	6	5	3	3	4	4	5
4015	8	5	3	3	2	3	4	4

Nearzone



Large diffusion (factory setting)

Small diffusion



Correction of the near zone ($a_{0,2}$, $b_{0,2}$)

Under-temperature $T_f - T_r$	Maximum velocity m/s	Mean velocity m/s	Correction factor
-3K	0.20	0.10	1.00
	0.25	0.12	0.80
	0.30	0.15	0.70
	0.35	0.17	0.60
	0.40	0.20	0.50
-6K	0.20	0.10	1.20
	0.25	0.12	1.00
	0.30	0.15	0.80
	0.35	0.17	0.70
	0.40	0.20	0.60

Perforated diffuser - square

CKA



Description

Comdif CKA is a square perforated displacement diffuser for installation against a wall or column. Behind the perforated front plate, CKA is equipped with individually adjustable nozzles, making it possible to alter the geometry of the near zone. The diffuser can be turned and has a circular duct connection (MF measure), so the diffuser can be connected at the top or bottom. The diffuser is suitable for the supply of large volumes of moderately cooled air.

- The diffuser is suitable for the supply of large volumes of air
- The geometry of the near zone can be adjusted using adjustable nozzles
- Plinths can be supplied as accessories

Maintenance

The front plate can be removed from the diffuser, making it possible to clean the nozzles. The visible parts of the diffuser can be wiped with a damp cloth.

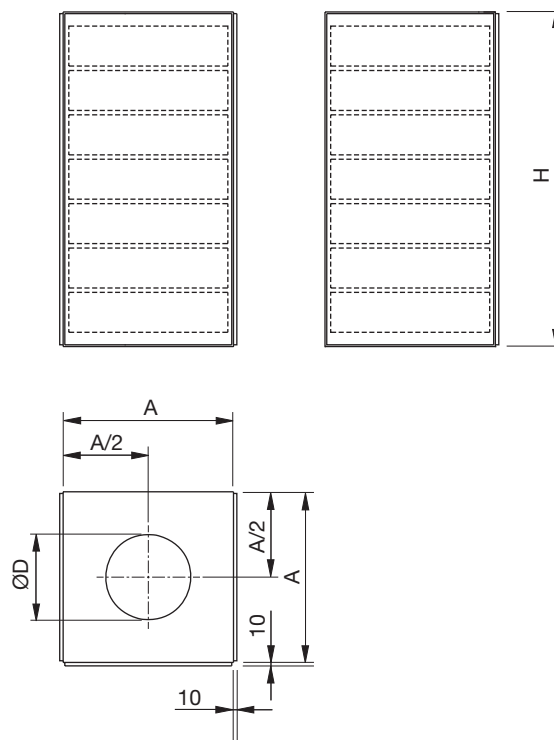
Order code

Product	CKA	aaaa
Type		
Size		

Order - accessories

Plinth: CKAZ - 2 - size

Dimensions



Size	A mm	ØD mm	H mm	Weight kg
200	300	200	980	11,0
250	400	250	980	20,0
315	500	315	980	30,0
400	500	400	1500	45,0
500	800	500	2020	150
630	800	630	2020	150

Accessories

Can be supplied with plinth.

Materials and finish

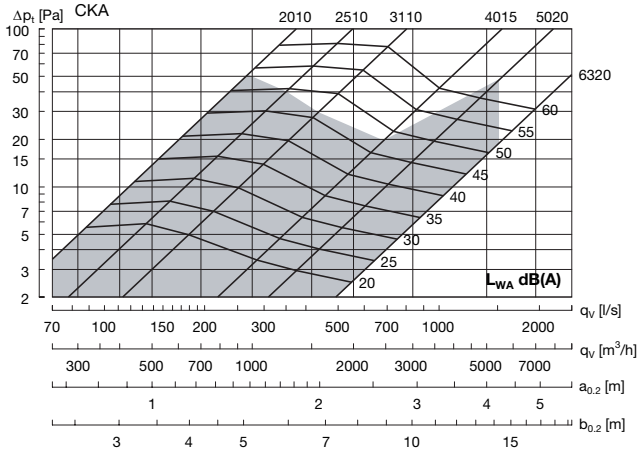
Diffuser:	Galvanised steel
Nozzles:	Black plastic
Front plate:	1,5 mm galvanised steel
Standard finish:	Powder-coated
Standard colour:	RAL 9010 - white, gloss 30

The diffuser is available in other colours. Please contact Lindab's sales department for further information.

Perforated diffuser - square

CKA

Technical data



Recommended maximum volume flow.

The near zone is given at an under-temperature of -3 K to a maximum terminal velocity of 0.20 m/s.

Conversion to other terminal velocities - see table correction of the near zone for -3 K and -6 K respectively.

Sound effect level

$$\text{Sound effect level } L_W \text{ [dB]} = L_{WA} + K_{ok}$$

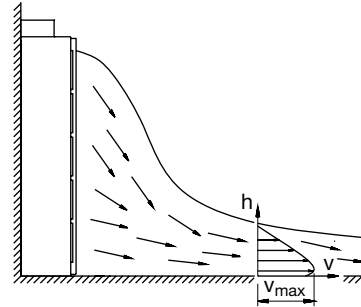
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
2010	10	0	4	0	-8	-18	-29	-43
2510	11	1	4	-1	-8	-19	-30	-42
3110	14	3	4	-1	-10	-18	-30	-32
4015	10	1	2	0	-8	-17	-27	-42
5020	7	3	2	0	-6	-16	-19	-17
6320	7	3	2	0	-6	-16	-19	-17

Sound attenuation

Sound attenuation ΔL [dB] including end reflection.

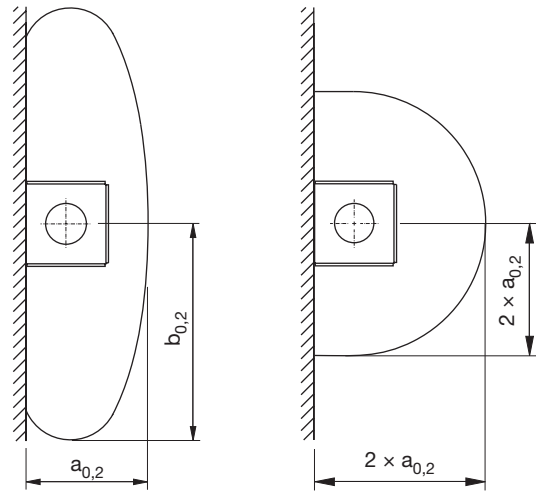
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
2010	12	8	4	2	1	1	1	1
2510	10	6	6	4	2	2	4	3
3110	10	7	3	1	2	1	2	1
4015	9	6	1	1	1	1	1	1
5020	6	4	1	1	1	1	1	1
6320	5	3	1	0	0	0	0	0

Nearzone



Large diffusion (factory setting)

Small diffusion



Correction of the near zone ($a_{0,2}$, $b_{0,2}$)

Under-temperature $T_i - T_r$	Maximum velocity m/s	Mean velocity m/s	Correction factor
-3K	0.20	0.10	1.00
	0.25	0.12	0.80
	0.30	0.15	0.70
	0.35	0.17	0.60
	0.40	0.20	0.50
-6K	0.20	0.10	1.20
	0.25	0.12	1.00
	0.30	0.15	0.80
	0.35	0.17	0.70
	0.40	0.20	0.60

Perforated diffuser - circular

CCA



Description

Comdif CCA is a circular perforated displacement diffuser for freestanding installation. Behind the perforated front plate, CCA is equipped with individually adjustable nozzles, making it possible to alter the geometry of the near zone. The diffuser can be turned and has a circular duct connection (MF measure), so the diffuser can be connected at the top or bottom. The diffuser is suitable for the supply of large volumes of moderately cooled air.

- The diffuser is suitable for the supply of large volumes of air.
- The geometry of the near zone can be adjusted using adjustable nozzles.
- Plinths can be supplied as accessories.

Maintenance

The front plate can be removed from the diffuser, making it possible to clean the nozzles. The visible parts of the diffuser can be wiped with a damp cloth.

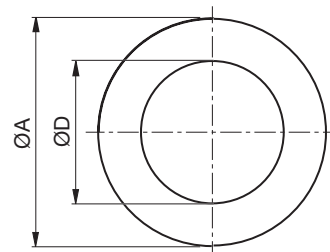
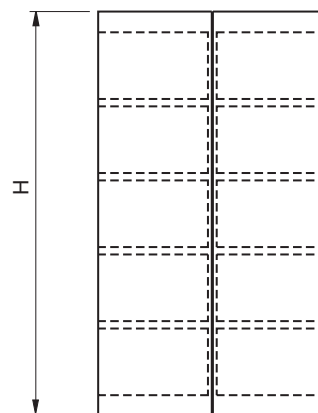
Order code

Product	CCA	aaaa
Type		
Size		

Order - accessories

Plinth: CCAZ - 2 - size

Dimensions



Size	ØA mm	ØD mm	H mm	Weight kg
1207	250	125	710	5,00
1607	300	160	710	7,50
2010	360	200	970	13,0
2510	400	250	970	18,0
3115	520	315	1490	35,0
4020	630	400	2010	58,0
5020	730	500	2010	78,0
6320	830	630	2010	106

Accessories

Can be supplied with plinth.

Materials and finish

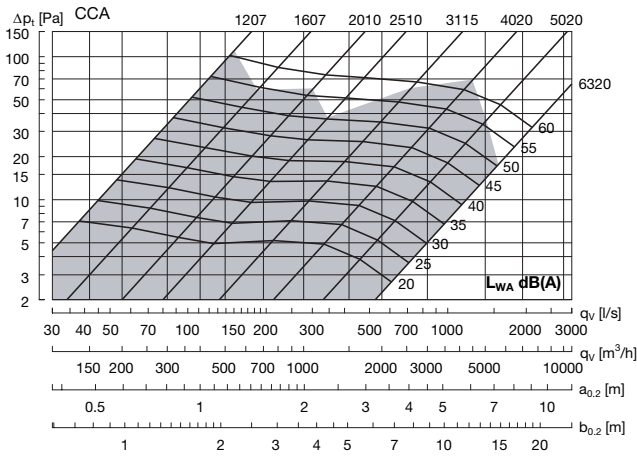
Diffuser:	Galvanised steel
Nozzles:	Black plastic
Front plate:	1 mm galvanised steel
Standard finish:	Powder-coated
Standard colour:	RAL 9010 - white

The diffuser is available in other colours. Please contact Lindab's sales department for further information.

Perforated diffuser - circular

CCA

Technical data



Recommended maximum volume flow

The near zone is given at an under-temperature of -3 K to a maximum terminal velocity of 0.20 m/s.

Conversion to other terminal velocities - see table correction of the near zone for -3 K and -6 K respectively.

Sound effect level

Sound effect level L_W [dB] = $L_{WA} + K_{Ok}$

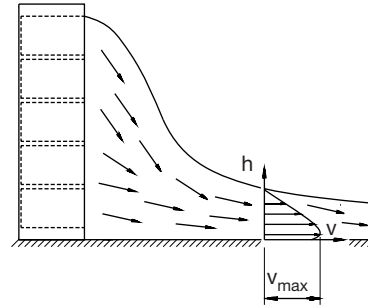
Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
1207	8	-1	1	1	-9	-17	-28	-40
1607	10	-1	1	1	-8	-17	-29	-33
2010	10	-1	3	0	-9	-17	-27	-40
2510	7	-1	3	0	-7	-18	-28	-41
3115	13	2	3	-1	-8	-17	-29	-27
4020	13	2	3	-1	-7	-16	-28	-43
5020	7	3	2	0	-6	-16	-19	-17
6320	7	3	2	0	-8	-16	-20	-17

Sound attenuation

Sound attenuation ΔL [dB] including end reflection.

Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
1207	19	14	5	3	2	1	2	1
1607	16	12	4	1	2	1	2	2
2010	12	8	4	2	3	2	2	2
2510	12	8	5	2	1	1	1	1
3115	11	8	3	2	1	1	2	2
4020	9	6	1	1	1	1	1	1
5020	6	4	1	1	1	1	1	1
6320	5	3	1	1	0	0	0	1

Nearzone



Oval diffusion

Circular diffusion (factory setting)

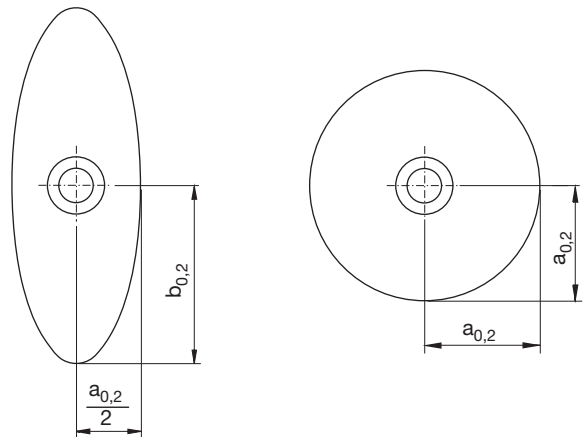


Table 1 Correction of the near zone ($a_{0,2}$, $b_{0,2}$)

Under-temperature $T_r - T_r$	Maximum velocity m/s	Mean velocity m/s	Correction factor
-3K	0.20	0.10	1.00
	0.25	0.12	0.80
	0.30	0.15	0.70
	0.35	0.17	0.60
	0.40	0.20	0.50
-6K	0.20	0.10	1.20
	0.25	0.12	1.00
	0.30	0.15	0.80
	0.35	0.17	0.70