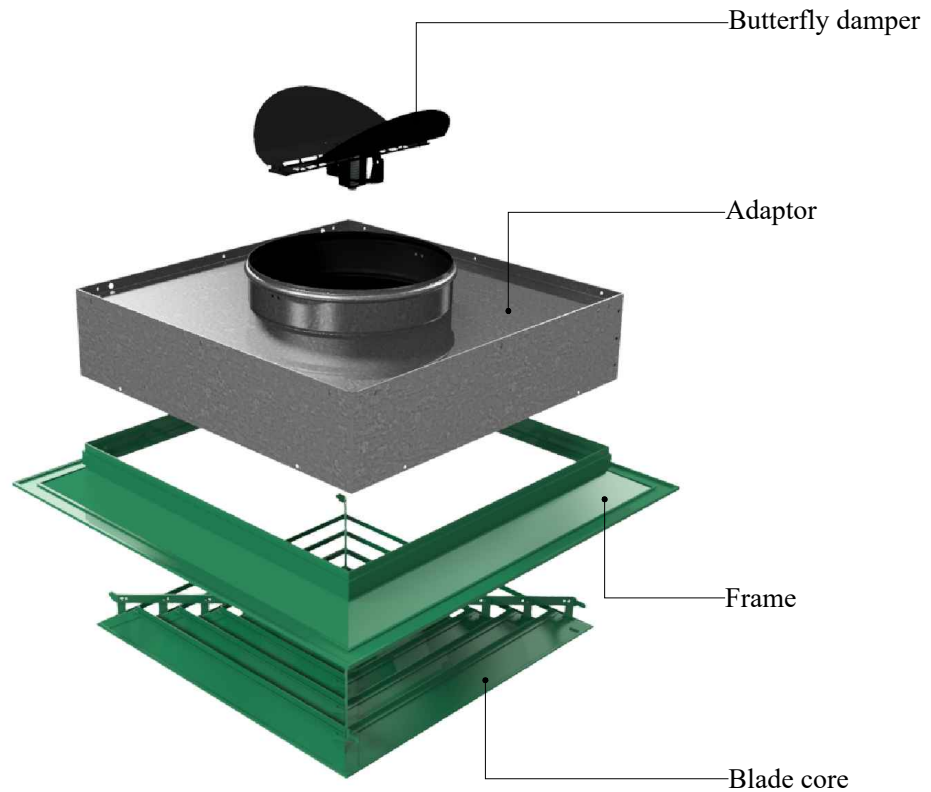


SQUARE SUPPLY LOUVER FACE DIFFUSER



USER INSTRUCTION:

We have attached the following tabulated submittal sheets, which will provide you necessary information about our square supply louver face diffusers for your selection and design purposes.

For your easy reference, a box located on the top right corner of each submittal sheet describes the main diffuser options therein, differentiating it from another submittal sheet.

The main diffuser options are:

- (a) adaptor or plenum, and its height
- (b) top or side inlet, and
- (c) type of damper.

TABLE OF SUBMITTAL SHEETS:

Page No	Drawing No	Description
2	ABXEP006	Square Supply Louver Face Diffuser with 10mm Adaptor, Top Inlet and Butterfly Damper
3	ABXEP008	Square Supply Louver Face Diffuser with 100mm Adaptor, Top Inlet and Butterfly Damper
4	ABXEP009	Square Supply Louver Face Diffuser with 200mm Adaptor, Top Inlet and Butterfly Damper
5	ABXEP012	Square Supply Louver Face Diffuser with 100mm Adaptor, Top Inlet and Opposed Blade Damper
6	ABXEP013	Square Supply Louver Face Diffuser with 200mm Adaptor, Top Inlet and Opposed Blade Damper
7	ABXEP017-R1	Square Supply Louver Face Diffuser with 200mm Plenum and Side Inlet
8	ABXEP018	Square Supply Louver Face Diffuser with 300mm Plenum and Side Inlet
9	ABXEP019	Square Supply Louver Face Diffuser with 350mm Plenum and Side Inlet



CONNOLLS-AIR
 3-B, Joo Koon Circle, Singapore 629034
 Tel.: 68615253 Fax.: 68619850
 email: team.ade@connolls-air.com



Cert. No.:
 SG00/00080

Scope: Design and Manufacturing

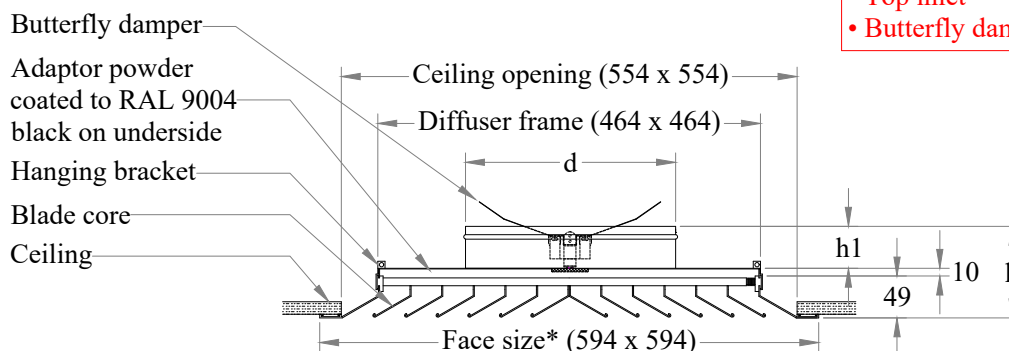


Cert. No.:
 LA-2020-0755-G

Submittal

DIFFERENTIATING OPTIONS:

- Adaptor, 10mm height
- Top inlet
- Butterfly damper



* Face size is 600 x 600mm for diffuser installed in snap-in concealed ceiling.

FEATURES:

1. Frame and core are constructed of heavy gauge corrosion resistant extruded aluminium alloy 6063 tempered to T5.
2. Frame and blade are mechanically joined by corner inserts.
3. Damper adjustable from room side.
4. Core removable for cleaning.
6. Joint lines are not visible after painting.
7. Diffusers of 594 x 594 face size are suitable for lay-on Tee bar installation on 600 x 600 mm inverted Tee bar ceilings and surface mounted on plaster ceiling. Diffusers of 600 x 600 face size are suitable for snap-in installation only with concealed ceiling tile.

NOTE:

1. Diffuser not suitable for 2ft x 2ft Tee bar ceiling. If you need, please consult the sales representative.
2. Refer to drawing no ABXEP004 for insulation detail.
3. Refer to drawing no ABXEP005 for installation detail.

TABLE 1: FLOW PATTERN

1 WAY	2 WAY	3 WAY	4 WAY
☐ MSX11	☐ MSX21	☐ MSX31	☐ MSX41

TABLE 2: RECOMMENDED AIRFLOW RANGE

Collar Size Options	Size (in)	d (mm)	Recommended Airflow (CMH)		Recommended Airflow (L/s)		Recommended Airflow (CFM)	
			Min. flow	Max. flow	Min. flow	Max. flow	Min. flow	Max. flow
☐	6 (round)	Ø150	127	191	35	53	75	112
☐	8 (round)	Ø200	226	339	63	94	133	200
☐	10 (round)	Ø250	353	530	98	147	208	312
☐	12 (round)	Ø300	509	763	141	212	299	449
☐	14 (round)	Ø350	692	1039	192	288	408	611
☐	16 (round)	Ø400	904	1356	251	377	532	798

In the interest of product improvement, we reserved the right to make changes without notice.

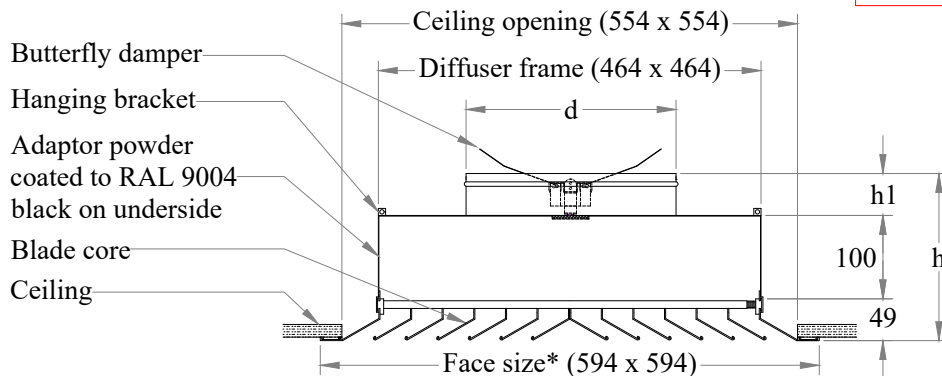
All dimensions are in mm

Title : SQUARE SUPPLY LOUVER FACE DIFFUSER WITH 10 MM ADAPTOR, TOP INLET AND BUTTERFLY DAMPER				Project :		
 CONNOLS-AIR 3-B, Joo Koon Circle, Singapore 629034 Tel.: 68615253 Fax.: 68619850 email: team.ade@connols-air.com	Dwn. By :	San		Date :	14/07/2020	Scale :
	Chk. By :	Jing Jing		Dwg. No. :	ABXEP006	N.T.S
	App. By :	Wong				

Submittal

DIFFERENTIATING OPTIONS:

- Adaptor, 100mm height
- Top inlet
- Butterfly damper



* Face size is 600 x 600mm for diffuser installed in snap-in concealed ceiling.

FEATURES:

1. Frame and core are constructed of heavy gauge corrosion resistant extruded aluminium alloy 6063 tempered to T5.
2. Frame and blade are mechanically joined by corner inserts.
3. Damper adjustable from room side.
4. Core removable for cleaning.
6. Joint lines are not visible after painting.
7. Diffusers of 594 x 594 face size are suitable for lay-on Tee bar installation on 600 x 600 mm inverted Tee bar ceilings and surface mounted on plaster ceiling. Diffusers of 600 x 600 face size are suitable for snap-in installation only with concealed ceiling tile.

NOTE:

1. Diffuser not suitable for 2ft x 2ft Tee bar ceiling. If you need, please consult the sales representative.
2. Refer to drawing no ABXEP004 for insulation detail.
3. Refer to drawing no ABXEP005 for installation detail.

TABLE 1: FLOW PATTERN

1 WAY	2 WAY	3 WAY	4 WAY
☐ MSX11	☐ MSX21	☐ MSX31	☐ MSX41

TABLE 2: RECOMMENDED AIRFLOW RANGE

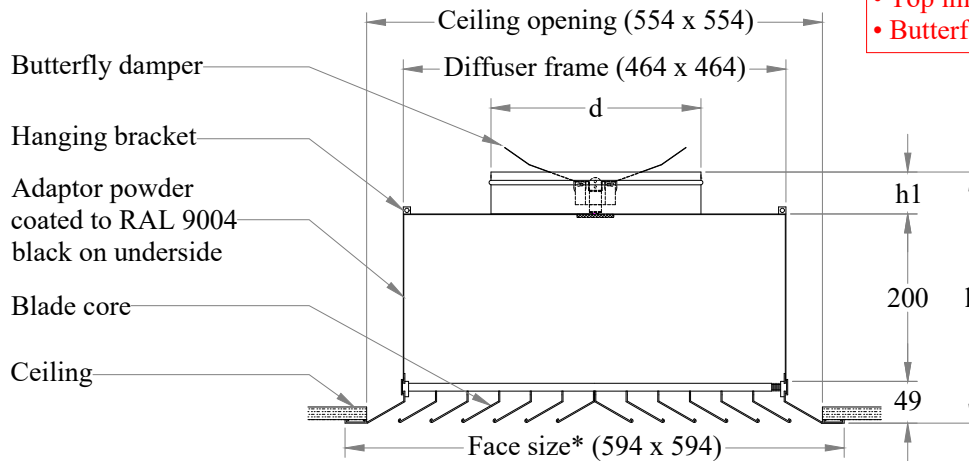
Collar Size Options	Size (in)	d (mm)	Recommended Airflow (CMH)		Recommended Airflow (L/s)		Recommended Airflow (CFM)	
			Min. flow	Max. flow	Min. flow	Max. flow	Min. flow	Max. flow
☐	6 (round)	Ø150	146	210	41	58	86	124
☐	8 (round)	Ø200	260	373	72	104	153	220
☐	10 (round)	Ø250	406	583	113	162	239	343
☐	12 (round)	Ø300	585	839	162	233	344	494
☐	14 (round)	Ø350	796	1142	221	317	469	672
☐	16 (round)	Ø400	1040	1492	289	414	612	878

In the interest of product improvement, we reserved the right to make changes without notice.

All dimensions are in mm

Title : SQARE SUPPLY LOUVER FACE DIFFUSER WITH 100 MM ADAPTOR, TOP INLET AND BUTTERFLY DAMPER				Project :		
 CONNOLLS-AIR 3-B, Joo Koon Circle, Singapore 629034 Tel.: 68615253 Fax.: 68619850 email: team.ade@connolls-air.com	Dwn. By :	San 	Date :	14/07/2020	Scale :	
	Chk. By :	Jing Jing 	Dwg. No. :	ABXEP008	N.T.S	
	App. By :	Wong 				

Submittal



* Face size is 600 x 600mm for diffuser installed in snap-in concealed ceiling.

FEATURES:

1. Frame and core are constructed of heavy gauge corrosion resistant extruded aluminium alloy 6063 tempered to T5.
2. Frame and blade are mechanically joined by corner inserts.
3. Damper adjustable from room side.
4. Core removable for cleaning.
6. Joint lines are not visible after painting.
7. Diffusers of 594 x 594 face size are suitable for lay-on Tee bar installation on 600 x 600 mm inverted Tee bar ceilings and surface mounted on plaster ceiling. Diffusers of 600 x 600 face size are suitable for snap-in installation only with concealed ceiling tile.

NOTE:

1. Diffuser not suitable for 2ft x 2ft Tee bar ceiling. If you need, please consult the sales representative.
2. Refer to drawing no ABXEP004 for insulation detail.
3. Refer to drawing no ABXEP005 for installation detail.

TABLE 1: FLOW PATTERN

1 WAY	2 WAY	3 WAY	4 WAY
☐ MSX11	☐ MSX21	☐ MSX31	☐ MSX41

TABLE 2: RECOMMENDED AIRFLOW RANGE

Collar Size Options	Size (in)	d (mm)	Recommended Airflow (CMH)		Recommended Airflow (L/s)		Recommended Airflow (CFM)	
			Min. flow	Max. flow	Min. flow	Max. flow	Min. flow	Max. flow
☐	6 (round)	Ø150	159	223	44	62	94	131
☐	8 (round)	Ø200	283	396	79	110	166	233
☐	10 (round)	Ø250	442	618	123	172	260	364
☐	12 (round)	Ø300	636	890	177	247	374	524
☐	14 (round)	Ø350	865	1212	240	337	509	713
☐	16 (round)	Ø400	1130	1583	314	440	665	931

In the interest of product improvement, we reserved the right to make changes without notice.

All dimensions are in mm

DIFFERENTIATING OPTIONS:

- Adaptor, 200mm height
- Top inlet
- Butterfly damper

COLLAR HEIGHT:

Size (in)	d (mm)	With damper		W/o damper	
		h1	h	h1	h
6 to 12	Ø150 to Ø300	50	299	38	287
14 to 16	Ø350 to Ø400	75	324	38	287

EXTERNAL INSULATION OPTIONS:

- ☐ Non
- ☐ 13mm Armaflex
- ☐ Other thickness, specify _____

DAMPER OPTIONS:

- ☐ Non
- ☐ Butterfly damper

COLOR OPTIONS:

- ☐ White RAL 9010
- ☐ White RAL 9003
- ☐ Black RAL 9004
- ☐ Other color, specify RAL _____

CEILING INSTALLATION OPTIONS:

- ☐ Lay-on Tee bar ceiling, 594 x 594 face size
- ☐ Snap-in concealed ceiling, 600 x 600 face size

Title : **SQUARE SUPPLY LOUVER FACE DIFFUSER WITH 200 MM ADAPTOR, TOP INLET AND BUTTERFLY DAMPER**

Project :



CONNOLLS-AIR

3-B, Joo Koon Circle, Singapore 629034
Tel.: 68615253 Fax.: 68619850
email: team.ade@connolls-air.com

Dwn. By : San

Chk. By : Jing Jing

App. By : Wong

Date :

14/07/2020

Scale :

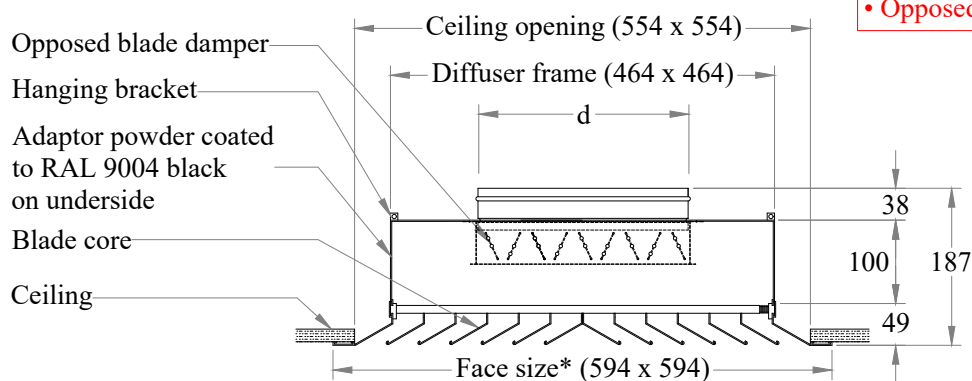
Dwg. No. :

ABXEP009

N.T.S



Submittal



* Face size is 600 x 600mm for diffuser installed in snap-in concealed ceiling.

FEATURES:

1. Frame and core are constructed of heavy gauge corrosion resistant extruded aluminium alloy 6063 tempered to T5.
2. Frame and blade are mechanically joined by corner inserts.
3. Damper adjustable from room side.
4. Core removable for cleaning.
6. Joint lines are not visible after painting.
7. Diffusers of 594 x 594 face size are suitable for lay-on Tee bar installation on 600 x 600 mm inverted Tee bar ceilings and surface mounted on plaster ceiling. Diffusers of 600 x 600 face size are suitable for snap-in installation only with concealed ceiling tile.

NOTE:

1. Diffuser not suitable for 2ft x 2ft Tee bar ceiling. If you need, please consult the sales representative.
2. Refer to drawing no ABXEP004 for insulation detail.
3. Refer to drawing no ABXEP005 for installation detail.

TABLE 1: FLOW PATTERN

1 WAY	2 WAY	3 WAY	4 WAY
☐ MSX11	☐ MSX21	☐ MSX31	☐ MSX41

TABLE 2: RECOMMENDED AIRFLOW RANGE

Collar Size Options	Size (in)	d (mm)	Recommended Airflow (CMH)		Recommended Airflow (L/s)		Recommended Airflow (CFM)	
			Min. flow	Max. flow	Min. flow	Max. flow	Min. flow	Max. flow
☐	6 (round)	Ø150	146	210	41	58	86	124
☐	8 (round)	Ø200	260	373	72	104	153	220
☐	10 (round)	Ø250	406	583	113	162	239	343
☐	12 (round)	Ø300	585	839	162	233	344	494
☐	14 (round)	Ø350	796	1142	221	317	469	672
☐	16 (round)	Ø400	1040	1492	289	414	612	878

In the interest of product improvement, we reserved the right to make changes without notice.

All dimensions are in mm

Title : **SQUARE SUPPLY LOUVER FACE DIFFUSER WITH 100 MM ADAPTOR, TOP INLET AND OPPOSED BLADE DAMPER**

Project :



CONNOLLS-AIR

3-B, Joo Koon Circle, Singapore 629034
Tel.: 68615253 Fax.: 68619850
email: team.ade@connolls-air.com

Dwn. By : San

Chk. By : Jing Jing

App. By : Wong

Date :

14/07/2020

Scale :

Dwg. No. :

ABXEP012

N.T.S



DIFFERENTIATING OPTIONS:

- Adaptor, 100mm height
- Top inlet
- Opposed blade damper

EXTERNAL INSULATION OPTIONS:

- ☐ Non
- ☐ 13mm Armaflex
- ☐ Other thickness, specify _____

DAMPER OPTIONS:

- ☐ Non
- ☐ Opposed blade damper

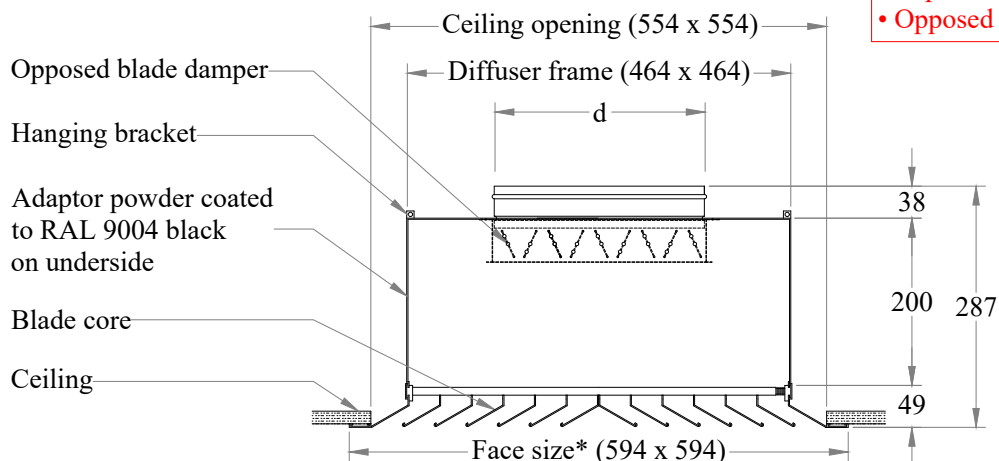
COLOR OPTIONS:

- ☐ White RAL 9010
- ☐ White RAL 9003
- ☐ Black RAL 9004
- ☐ Other color, specify RAL _____

CEILING INSTALLATION OPTIONS:

- ☐ Lay-on Tee bar ceiling, 594 x 594 face size
- ☐ Snap-in concealed ceiling, 600 x 600 face size

Submittal



* Face size is 600 x 600mm for diffuser installed in snap-in concealed ceiling.

FEATURES:

1. Frame and core are constructed of heavy gauge corrosion resistant extruded aluminium alloy 6063 tempered to T5.
2. Frame and blade are mechanically joined by corner inserts.
3. Damper adjustable from room side.
4. Core removable for cleaning.
6. Joint lines are not visible after painting.
7. Diffusers of 594 x 594 face size are suitable for lay-on Tee bar installation on 600 x 600 mm inverted Tee bar ceilings and surface mounted on plaster ceiling. Diffusers of 600 x 600 face size are suitable for snap-in installation only with concealed ceiling tile.

NOTE:

1. Diffuser not suitable for 2ft x 2ft Tee bar ceiling. If you need, please consult the sales representative.
2. Refer to drawing no ABXEP004 for insulation detail.
3. Refer to drawing no ABXEP005 for installation detail.

TABLE 1: FLOW PATTERN

1 WAY	2 WAY	3 WAY	4 WAY
☐ MSX11	☐ MSX21	☐ MSX31	☐ MSX41

TABLE 2: RECOMMENDED AIRFLOW RANGE

Collar Size Options	Size (in)	d (mm)	Recommended Airflow (CMH)		Recommended Airflow (L/s)		Recommended Airflow (CFM)	
			Min. flow	Max. flow	Min. flow	Max. flow	Min. flow	Max. flow
☐	6 (round)	Ø150	159	223	44	62	94	131
☐	8 (round)	Ø200	283	396	79	110	166	233
☐	10 (round)	Ø250	442	618	123	172	260	364
☐	12 (round)	Ø300	636	890	177	247	374	524
☐	14 (round)	Ø350	865	1212	240	337	509	713
☐	16 (round)	Ø400	1130	1583	314	440	665	931

In the interest of product improvement, we reserved the right to make changes without notice.

All dimensions are in mm

Title : **SQUARE SUPPLY LOUVER FACE DIFFUSER WITH 200 MM ADAPTOR, TOP INLET AND OPPOSED BLADE DAMPER**

Project :



CONNOLLS-AIR

3-B, Joo Koon Circle, Singapore 629034
Tel.: 68615253 Fax.: 68619850
email: team.ade@connolls-air.com

Dwn. By : San

Chk. By : Jing Jing

App. By : Wong

Date :

14/07/2020

Scale :

Dwg. No. :

ABXEP013

N.T.S



EXTERNAL INSULATION OPTIONS:

- ☐ Non
- ☐ 13mm Armaflex
- ☐ Other thickness, specify _____

DAMPER OPTIONS:

- ☐ Non
- ☐ Opposed blade damper

COLOR OPTIONS:

- ☐ White RAL 9010
- ☐ White RAL 9003
- ☐ Black RAL 9004
- ☐ Other color, specify RAL _____

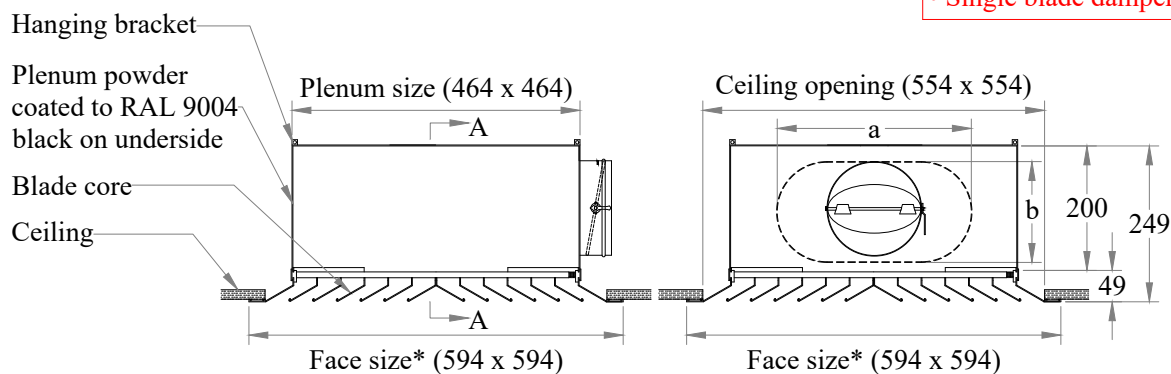
CEILING INSTALLATION OPTIONS:

- ☐ Lay-on Tee bar ceiling, 594 x 594 face size
- ☐ Snap-in concealed ceiling, 600 x 600 face size

Submittal

DIFFERENTIATING OPTIONS:

- Plenum, 200mm height
- Side inlet
- Single blade damper



Section A-A

* Face size is 600 x 600mm for diffuser installed in snap-in concealed ceiling.

FEATURES:

1. Frame and core are constructed of heavy gauge corrosion resistant extruded aluminium alloy 6063 tempered to T5.
2. Frame and blade are mechanically joined by corner inserts.
3. Damper adjustable from room side.
4. Core removable for cleaning.
6. Joint lines are not visible after painting.
7. Diffusers of 594 x 594 face size are suitable for lay-on Tee bar installation on 600 x 600 mm inverted Tee bar ceilings and surface mounted on plaster ceiling. Diffusers of 600 x 600 face size are suitable for snap-in installation only with concealed ceiling tile.

NOTE:

1. Diffuser not suitable for 2ft x 2ft Tee bar ceiling. If you need, please consult the sales representative.
2. Refer to drawing no ABXEP004 for insulation detail.
3. Refer to drawing no ABXEP005 for installation detail.

INTERNAL INSULATION OPTIONS:

- ☐ Non
- ☐ 15mm, Fire retardant foam
- ☐ 15mm, Fibre glass, (48 kg/m³)

EXTERNAL INSULATION OPTIONS:

- ☐ Non
- ☐ 13mm Armaflex
- ☐ Other thickness, specify _____

DAMPER OPTIONS:

- ☐ Non
- ☐ Single blade damper with manual lever adjustable from ceiling side
- ☐ Single blade damper with manual lever adjustable from room side

COLOR OPTIONS:

- ☐ White RAL 9010
- ☐ White RAL 9003
- ☐ Black RAL 9004
- ☐ Other color, specify RAL _____

CEILING INSTALLATION OPTIONS:

- ☐ Lay-on Tee bar ceiling, 594 x 594 face size
- ☐ Snap-in concealed ceiling, 600 x 600 face size

EQUALIZER OPTIONS:

- ☐ Non
- ☐ Equalizer

TABLE 1: FLOW PATTERN

1 WAY	2 WAY	3 WAY	4 WAY
☐ MSX11	☐ MSX21	☐ MSX31	☐ MSX41

TABLE 2: RECOMMENDED AIRFLOW RANGE

Collar Size Options	Size (in)	a x b (mm)	Recommended Airflow (CMH)		Recommended Airflow (L/s)		Recommended Airflow (CFM)	
			Min. flow	Max. flow	Min. flow	Max. flow	Min. flow	Max. flow
☐	6 (round)	Ø150	147	205	41	57	86	121
☐	8 (oval)	240 x 115	256	359	71	100	151	211
☐	10 (oval)	292 x 160	370	518	103	144	218	305
☐	12 (oval)	370 x 160	482	675	134	188	284	398
☐	14 (oval)	449 x 160	596	835	166	232	351	491

In the interest of product improvement, we reserved the right to make changes without notice.

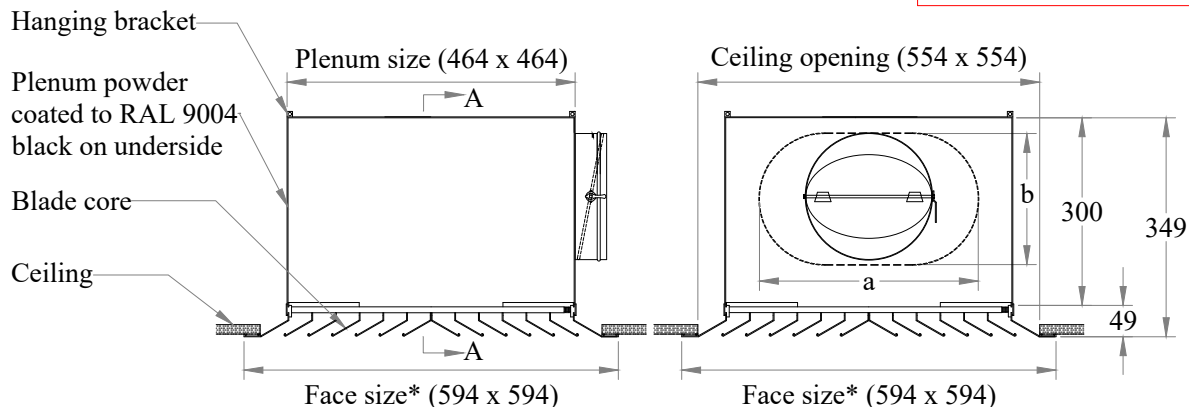
All dimensions are in mm

Title : SQUARE SUPPLY LOUVER FACE DIFFUSER WITH 200 MM PLENUM, SIDE INLET AND SINGLE BLADE DAMPER				Project :		
 CONNOLS-AIR 3-B, Joo Koon Circle, Singapore 629034 Tel.: 68615253 Fax.: 68619850 email: team.ade@connols-air.com	Dwn. By : San		Date : 01/04/2021		Scale :	
	Chk. By : Hao Xian		Dwg. No. : ABXEP017-R1		N.T.S	
	App. By : Wong					

Submittal

DIFFERENTIATING OPTIONS:

- Plenum, 300mm height
- Side inlet
- Single blade damper



* Face size is 600 x 600mm for diffuser installed in snap-in concealed ceiling.

Section A-A

FEATURES:

1. Frame and core are constructed of heavy gauge corrosion resistant extruded aluminium alloy 6063 tempered to T5.
2. Frame and blade are mechanically joined by corner inserts.
3. Damper adjustable from room side.
4. Core removable for cleaning.
6. Joint lines are not visible after painting.
7. Diffusers of 594 x 594 face size are suitable for lay-on Tee bar installation on 600 x 600 mm inverted Tee bar ceilings and surface mounted on plaster ceiling. Diffusers of 600 x 600 face size are suitable for snap-in installation only with concealed ceiling tile.

NOTE:

1. Diffuser not suitable for 2ft x 2ft Tee bar ceiling. If you need, please consult the sales representative.
2. Refer to drawing no ABXEP004 for insulation detail.
3. Refer to drawing no ABXEP005 for installation detail.

INTERNAL INSULATION OPTIONS:

- ☐ Non
- ☐ 15mm, Fire retardant foam
- ☐ 25mm, Fire retardant foam
- ☐ 15mm, Fibre glass, (48 kg/m³)
- ☐ 25mm, Fibre glass, (48 kg/m³)

EXTERNAL INSULATION OPTIONS:

- ☐ Non
- ☐ 13mm Armaflex
- ☐ Other thickness, specify _____

DAMPER OPTIONS:

- ☐ Non
- ☐ Single blade damper with manual lever adjustable from ceiling side
- ☐ Single blade damper with manual lever adjustable from room side

COLOR OPTIONS:

- ☐ White RAL 9010
- ☐ White RAL 9003
- ☐ Black RAL 9004
- ☐ Other color, specify RAL _____

CEILING INSTALLATION OPTIONS:

- ☐ Lay-on Tee bar ceiling, 594 x 594 face size
- ☐ Snap-in concealed ceiling, 600 x 600 face size

EQUALIZER OPTIONS:

- ☐ Non
- ☐ Equalizer

TABLE 1: FLOW PATTERN

1 WAY	2 WAY	3 WAY	4 WAY
☐ MSX11	☐ MSX21	☐ MSX31	☐ MSX41

TABLE 2: RECOMMENDED AIRFLOW RANGE

Collar Size Options	Size (in)	a x b (mm)	Recommended Airflow (CMH)		Recommended Airflow (L/s)		Recommended Airflow (CFM)	
			Min. flow	Max. flow	Min. flow	Max. flow	Min. flow	Max. flow
☐	8 (round)	Ø200	298	426	83	118	176	251
☐	10 (round)	Ø250	472	674	131	187	278	397
☐	12 (oval)	342 x 210	628	897	174	249	370	528
☐	14 (oval)	420 x 210	793	1133	220	315	467	667

In the interest of product improvement, we reserved the right to make changes without notice.

All dimensions are in mm

Title : **SQUARE SUPPLY LOUVER FACE DIFFUSER WITH 300 MM PLENUM, SIDE INLET AND SINGLE BLADE DAMPER**

Project :



CONNOLLS-AIR

3-B, Joo Koon Circle, Singapore 629034
Tel.: 68615253 Fax.: 68619850
email: team.ade@connolls-air.com

Dwn. By : San

Chk. By : Jing Jing

App. By : Wong

Date :

14/07/2020

Scale :

Dwg. No. :

ABXEP018

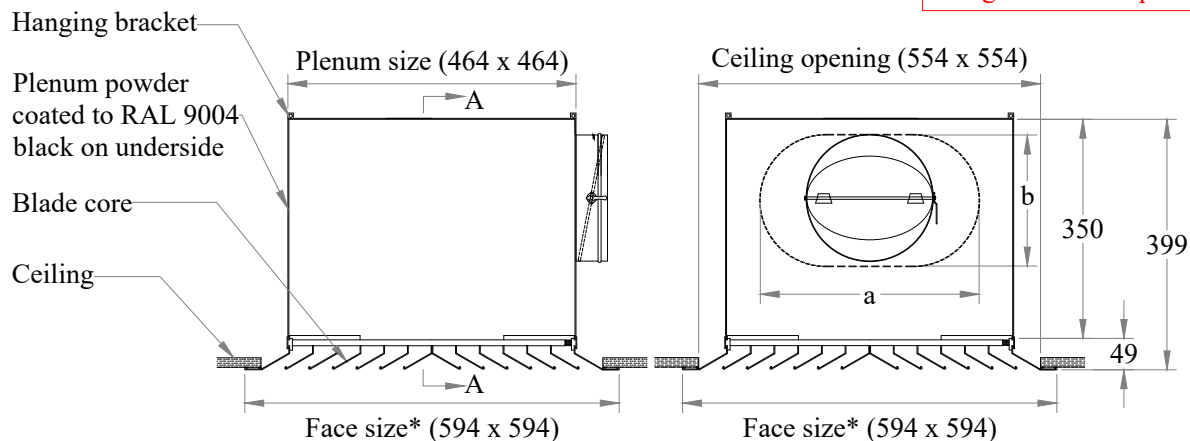
N.T.S



Submittal

DIFFERENTIATING OPTIONS:

- Plenum, 350mm height
- Side inlet
- Single blade damper



* Face size is 600 x 600mm for diffuser installed in snap-in concealed ceiling.

Section A-A

FEATURES:

1. Frame and core are constructed of heavy gauge corrosion resistant extruded aluminium alloy 6063 tempered to T5.
2. Frame and blade are mechanically joined by corner inserts.
3. Damper adjustable from room side.
4. Core removable for cleaning.
6. Joint lines are not visible after painting.
7. Diffusers of 594 x 594 face size are suitable for lay-on Tee bar installation on 600 x 600 mm inverted Tee bar ceilings and surface mounted on plaster ceiling. Diffusers of 600 x 600 face size are suitable for snap-in installation only with concealed ceiling tile.

NOTE:

1. Diffuser not suitable for 2ft x 2ft Tee bar ceiling. If you need, please consult the sales representative.
2. Refer to drawing no ABXEP004 for insulation detail.
3. Refer to drawing no ABXEP005 for installation detail.

INTERNAL INSULATION OPTIONS:

- ☐ Non
- ☐ 15mm, Fire retardant foam
- ☐ 25mm, Fire retardant foam
- ☐ 15mm, Fibre glass, (48 kg/m³)
- ☐ 25mm, Fibre glass, (48 kg/m³)

EXTERNAL INSULATION OPTIONS:

- ☐ Non
- ☐ 13mm Armaflex
- ☐ Other thickness, specify _____

DAMPER OPTIONS:

- ☐ Non
- ☐ Single blade damper with manual lever adjustable from ceiling side
- ☐ Single blade damper with manual lever adjustable from room side

COLOR OPTIONS:

- ☐ White RAL 9010
- ☐ White RAL 9003
- ☐ Black RAL 9004
- ☐ Other color, specify RAL _____

CEILING INSTALLATION OPTIONS:

- ☐ Lay-on Tee bar ceiling, 594 x 594 face size
- ☐ Snap-in concealed ceiling, 600 x 600 face size

EQUALIZER OPTIONS:

- ☐ Non
- ☐ Equalizer

TABLE 1: FLOW PATTERN

1 WAY	2 WAY	3 WAY	4 WAY
☐ MSX11	☐ MSX21	☐ MSX31	☐ MSX41

TABLE 2: RECOMMENDED AIRFLOW RANGE

Collar Size Options	Size (in)	a x b (mm)	Recommended Airflow (CMH)		Recommended Airflow (L/s)		Recommended Airflow (CFM)	
			Min. flow	Max. flow	Min. flow	Max. flow	Min. flow	Max. flow
☐	10 (round)	Ø250	472	674	131	187	278	397
☐	12 (round)	Ø300	684	978	190	272	403	575
☐	14 (oval)	420 x 210	793	1133	220	315	467	667

In the interest of product improvement, we reserved the right to make changes without notice.

All dimensions are in mm

Title : SQUARE SUPPLY LOUVER FACE DIFFUSER WITH 350 MM PLENUM, SIDE INLET AND SINGLE BLADE DAMPER				Project :		
 CONNOLS-AIR 3-B, Joo Koon Circle, Singapore 629034 Tel.: 68615253 Fax.: 68619850 email: team.ade@connols-air.com	Dwn. By : San		Date : 14/07/2020		Scale :	
	Chk. By : Jing Jing		Dwg. No. : ABXEP019		N.T.S	
	App. By : Wong					