



AIR CONTROL DAMPER



MODELS:
AC10 SINGLE BLADE
Flat Top

APPLICATION

The AC10 single blade is a rectangle single blade, galvanized steel control damper for HVAC systems. A wide range of electric and pneumatic actuators are available.

STANDARD CONSTRUCTION

FRAME: 16 Ga. (1.5mm) galvanized steel
Interlocking stacked hat section
Channel side flat top & bottom

BLADES : 16 Ga. galvanized V formed

BEARINGS: Non-metallic celcon

AXLES: 1/2 Sq. zinc plated steel studs

LINKAGE: 10 Ga. zinc plated steel
Concealed in frame

FINISH: Mill galvanized

Standard 2-1/2" extended shaft:

Fixed 1/2 in dia. zinc plated steel shaft extending 2 1/2 in beyond the air control damper frame.

Single Section		Multiple Section
Minimum Size (WxH)	Maximum Size (WxH)	Maximum Size (WxH)
4"x6"	60"x10"	UNLIMITED

OPTIONS:

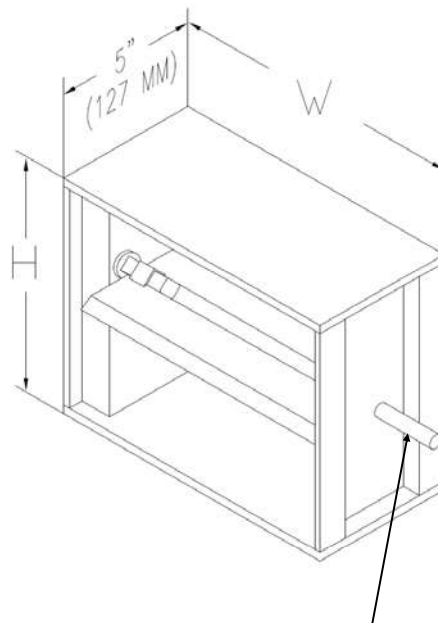
Neoprene blade seals
Stainless steel jamb seals
Bronze bearings
*Flat head & sill frame construction for max. air flow sizes 4" high to 8" high
Stainless steel or aluminum construction
Sleeve: refer to the ACD sleeve specs.

ACTUATORS:

Manual, electric, pneumatic

**** Optional removable 8" extended shaft:**

1/2 dia. Shaft extending 7-1/2 inches beyond the air control frame.
Requires 1" or 2" bearing brackets.



**STANDARD 2-1/2" LG
EXTENDED SHAFT**



AIR CONTROL DAMPER

MODELS:

AC10 (PARALLEL BLADE)

AC20 (OPPOSED BLADE)

AMCA Certified Leakage Data

AC10/AC20	Leakage Class			
Damper Width	1in.wg	4in.wg	6in.wg	8in.wg
48"	I	II	II	II

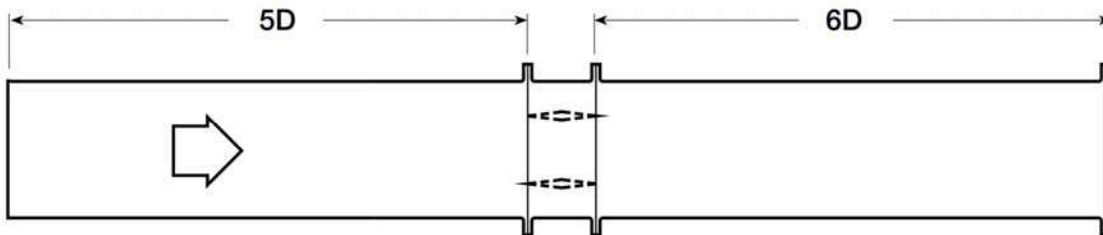
Torque: 6.0 in.lb/sq.ft applied to close and seat the damper.



Lloyd Industries certifies that the AC10-AF and AC20-AF herein are licensed to bear the AMCA Seal. The ratings shown are based on the tests and procedures performed in accordance with AMCA publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA International Certified Rating Seal applies to Air Performance and Air Leakage.

AMCA Certified Pressure Drop Data

AMCA 5.3



12"x12"	
Velocity (fpm)	Pressure Drop (in. Wg.)
500	0.037
1000	0.170
1500	0.320
2000	0.700

36"x36"	
Velocity (FPM)	Pressure Drop (in. Wg.)
500	0.004
1000	0.023
1500	0.041
2000	0.090

24"x24"	
Velocity (FPM)	Pressure Drop (in. Wg.)
500	0.008
1000	0.040
1500	0.090
2000	0.170

12"x48"	
Velocity (fpm)	Pressure Drop (in. Wg.)
500	0.010
1000	0.042
1500	0.080
2000	0.170