

# AIRCONCEPTS

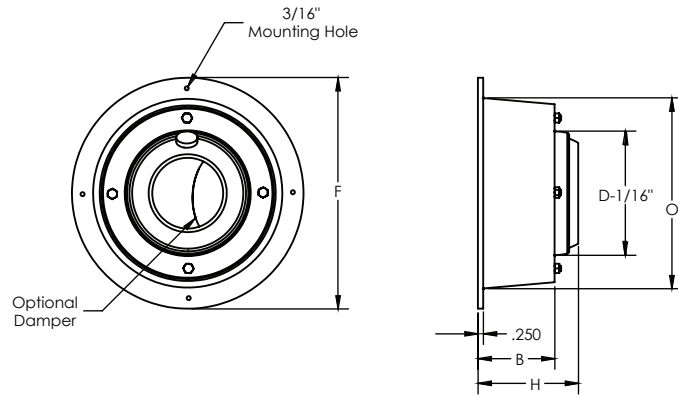
AIR DISTRIBUTION PRODUCTS



APLR SERIES

# APLR

## Recessed Jet Nozzle



**Diffuser Dimensions in Inches** Model w/ "A" Includes Aperture Damper

MODEL	B	D	F	H	O
APLR-03*	2-3/16	3-1/8	7-3/4	2-3/4	5-7/8
APLR-04 / APLR-04A	2-13/16	4	8-11/16	3-5/8	6-3/4
APLR-06/ APLR-06A	3-5/8	6	10-15/16	4-3/4	9-1/16

\* APL-03 / Not Available with Aperture Damper

(Inches measured to the nearest 1/16")

### Options

Aperture Damper  
Flex Duct Mounting Ring

### Construction

Heavy gauge aluminum  
Stainless Steel Damper Hardwar  
Foam Gasket

### Finishes

#00 Mill  
#10 Clear Anodized  
#12 Anodized powder coat  
#42 Gloss black powder coat  
#43 Flat black powder coat  
#52 White powder coat  
#62 Grey primer powder coat  
#72 Silver metallic powder coat  
Custom colors available

MODEL	Nozzle Velocity (FPM)	1000	1500	2000	2500	3000	3500	4000
APLR-03	CFM	14	22	29	36	43	50	58
	Static Pressure	0.03	0.07	0.13	0.20	0.28	0.39	0.50
	NC	<15	<15	<15	19	23	26	30
	Projection	2-4-8	3-6-13	4-8-15	5-11-16	6-12-17	7-13-20	8-14-21
APLR-04	CFM	22	33	44	55	66	77	88
	Static Pressure	0.03	0.07	0.13	0.20	0.28	0.39	0.50
	NC	<15	<15	<15	19	23	26	30
	Projection	3-6-12	4-8-17	6-12-23	8-16-24	9-18-27	10-21-30	12-22-32
APLR-06	CFM	49	74	98	123	147	172	196
	Static Pressure	0.05	0.12	0.22	0.34	0.49	0.66	0.86
	NC	<15	<15	15	21	25	29	33
	Projection	4-8-16	6-12-23	8-16-27	10-20-30	12-21-32	14-25-36	16-26-38

performance data based on ASHRAE 70-06

**Airflow CFM:** Standard air density and isothermal conditions.

**Noise Criteria:** Noise criteria [NC] curve which is not exceeded with a Room Attenuation of 10db and based on Sound Power LevelRe: 10-12 watts.

**Static Pressure:** Inches of water gauge required.

**Projection:** Projection distance [THROW] in feet from the Nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].

**Nozzle Velocity:** Nozzle Discharge Velocity in feet per minute [fpm].

**Terminal Velocity:** Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face [THROW] 400 fpm, 200 fpm, and 100 fpm respectively.