

Service Tips

Static Pressure Adjustment

Available on:

ARU9,12,18 & 24RLF slim duct models

Depending on the installation including duct length, filter sizes and type, grille and register selections etc., the static pressure setting may need to be adjusted. The static pressure capability of the unit fan can be adjusted with the wired remote by using the function setting procedure. Use the installation instructions to get into the function setting mode on the wired remote. Then set the static pressure to the required value.

Setting Description	Function Number	Setting Value
0 in. WG (0 Pa)	26	00
0.04 in. WG (10 Pa)		01
0.08 in. WG (20 Pa)		02
0.12 in. WG (30 Pa)		03
0.16 in. WG (40 Pa)		04
0.20 in. WG (50 Pa)		05
0.24 in. WG (60 Pa)		06
0.28 in. WG (70 Pa)		07
0.32 in. WG (80 Pa)		08
0.36 in. WG (90 Pa)		09
* 0.1 in. WG (25 Pa) (Standard)		31

The setting should equal the external static pressure required based on the duct system design at the desired CFM (See Design and Technical Manual for fan charts).

All units come from factory set at 0.1 in. WG. The static pressure can be set up to 0.2 in. WG on the ARU24RLF and up to 0.36 in. WG on the ARU9,12 & 18RLF. See chart below.

*Factory Setting

Range of static pressure is different from one model to another.

Model Name	Range of Static Pressure
ARU9RLF	0 to 0.36 in. WG (0 to 90Pa)
ARU12RLF	
ARU18RLF	
ARU24RLF	0 to 0.2 in. WG (0 to 50 Pa)

Please make sure that power is reset to the entire system for 5 minutes after the function it set.