

Recommended Airflow Ranges For Model 36VRS Slide-in Retrofit Terminal Units

The recommended airflow ranges below are for terminal units with pressure independent controls and are based upon controller sensitivity limits as shown for each control type and acoustical consideration for duct velocity. For a given unit size, the minimum, auxiliary minimum (where applicable) and the maximum flow settings must be within the range limits to ensure pressure independent operation, accuracy and repeatability. For these reasons, factory settings will not be made outside these ranges. A minimum setting of zero (shut-off) is also available. Where an auxiliary setting is specified, the value must be greater than the minimum setting.

When digital or other controls are mounted by Nailor, but supplied by others, these values are guidelines only, based upon experience with the majority of controls currently available. Controls supplied by others for factory mounting are configured and calibrated in the field.



Model 36VRS

Model 36VRS Square or Rectangular

Unit Size	Nom. Valve Size	Min. – Max. Airflow Range				Available Duct Size Width x Height	
		Pneumatic		Digital/Analog			
		cfm	l/s	cfm	l/s	inches	mm
7	5 x 5	70 – 200	33 – 94	60 – 200	28 – 94	5 x 5 to 12 x 8	127 x 127 to 305 x 203
8	6 x 6	110 – 300	52 – 142	85 – 300	40 – 142	6 x 6 to 14 x 10	152 x 152 to 356 x 254
9	8 x 6	140 – 400	66 – 189	110 – 400	52 – 189	8 x 6 to 16 x 10	203 x 152 to 406 x 254
10	10 x 8	240 – 700	113 – 330	180 – 700	85 – 330	10 x 8 to 18 x 12	254 x 203 to 457 x 305
11	14 x 8	320 – 1000	151 – 472	260 – 1000	123 – 472	14 x 8 to 24 x 12	356 x 203 to 610 x 305
11A	18 x 6	310 – 1000	146 – 472	250 – 1000	118 – 472	18 x 6 to 26 x 10	457 x 152 to 660 x 254
12	12 x 10	350 – 1100	165 – 519	280 – 1100	132 – 519	12 x 10 to 22 x 14	305 x 254 to 559 x 356
13	18 x 10	500 – 1900	236 – 897	435 – 1900	205 – 897	18 x 10 to 30 x 14	457 x 254 to 762 x 356
14	18 x 12	650 – 2400	307 – 1133	540 – 2400	255 – 1133	18 x 12 to 28 x 16	457 x 305 to 711 x 406
15	20 x 14	850 – 3800	401 – 1794	700 – 3800	330 – 1794	20 x 14 to 30 x 18	508 x 356 to 762 x 457
15A	30 x 12	1020 – 5400	481 – 2549	870 – 5400	411 – 2549	30 x 12 to 36 x 16	762 x 305 to 914 x 406
16	22 x 16	1000 – 5400	472 – 2549	850 – 5400	401 – 2549	22 x 16 to 36 x 20	559 x 406 to 914 x 508
17	24 x 18	1250 – 6700	590 – 3162	1100 – 6700	519 – 3162	24 x 18 to 36 x 26	610 x 457 to 914 x 660
18	30 x 20	1750 – 10000	826 – 4720	1500 – 10000	708 – 4720	30 x 20 to 46 x 26	762 x 508 to 1168 x 660
19	40 x 20	2300 – 15000	1085 – 7080	1900 – 15000	897 – 7080	40 x 20 to 52 x 26	1016 x 508 to 1321 x 660