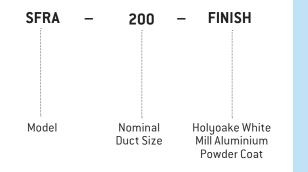
SFRA – Performance Data

Model: SFRA

	Flow Rate (I/s)	25	50	75					
Nominal	0.75m/s	-	0.1	0.2					
Duct Size	Throw (m) 0.50m/s	0.1	0.3	0.5					
200mm	0.25m/s	0.2	0.6	1.0					
Diameter	Static Pressure (Pa)	7	18	25					
	NC	17	32	40					
	Flow Rate (I/s)	50	75	100	125	150	175		
Nominal	0.75m/s	0.2	0.3	0.5	0.6	1.0	1.2		
Duct Size	Throw (m) 0.50m/s	0.4	0.5	0.9	1.1	1.6	1.8		
250mm	0.25m/s	0.8	1.1	1.6	1.9	2.5	3.0		
Diameter	Static Pressure (Pa)	3	5	9	13	20	27		
	NC	18	22	26	32	38	48		
	Flow Rate (I/s)	50	75	100	125	150	175	200	
Nominal	0.75m/s	0.2	0.4	0.6	0.8	1.1	1.3	1.4	
Duct Size	Throw (m) 0.50m/s	0.5	0.7	1.0	1.4	1.6	1.9	2.1	
300mm	0.25m/s	1.0	1.2	1.6	2.1	2.5	2.9	3.4	
Diameter	Static Pressure (Pa)	2	4	8	11	17	23	30	
	NC	16	20	24	30	36	42	44	
	Flow Rate (I/s)	75	100	125	150	175	200	225	250
Nominal	0.75m/s	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.8
Duct Size	Throw (m) 0.50m/s	0.6	1.2	1.5	1.8	2.0	2.3	2.8	3.2
350mm Diameter	0.25m/s	1.1	1.4	1.7	2.0	2.4	2.9	3.4	4.0
	Static Pressure (Pa)	3	5	9	12	16	20	25	32
	NC	13	18	23	28	34	39	45	51
	Flow Rate (I/s)	125	150	175	200	225	250	275	300
Nominal	0.75m/s	0.6	0.8	1.0	1.2	1.4	1.8	2.3	2.7
Duct Size	Throw (m) 0.50m/s	0.8	1.2	1.4	1.6	1.8	2.4	2.8	3.1
400mm	0.25m/s	1.2	1.5	2.0	2.4	2.6	3.0	3.4	3.6
Diameter	Static Pressure (Pa)	5	7	10	13	17	20	24	29
	NC	18	21	24	27	30	33	37	42

Product Ordering Key and Suggested Specification



Holyoake Series SFRA Circular Fixed Round Aluminium Radial Swirl Diffusers shall be high induction horizontal swirl diffuser, with fixed pattern radial blades, to achieve a high induction swirl airflow pattern.

Series SFRA Diffusers shall be suitable for variable air volume (VAV) applications. Circular Radial Swirl Diffusers shall be finished in white power coat.

Diffusers shall be fitted with accessories and dampers where indicated.

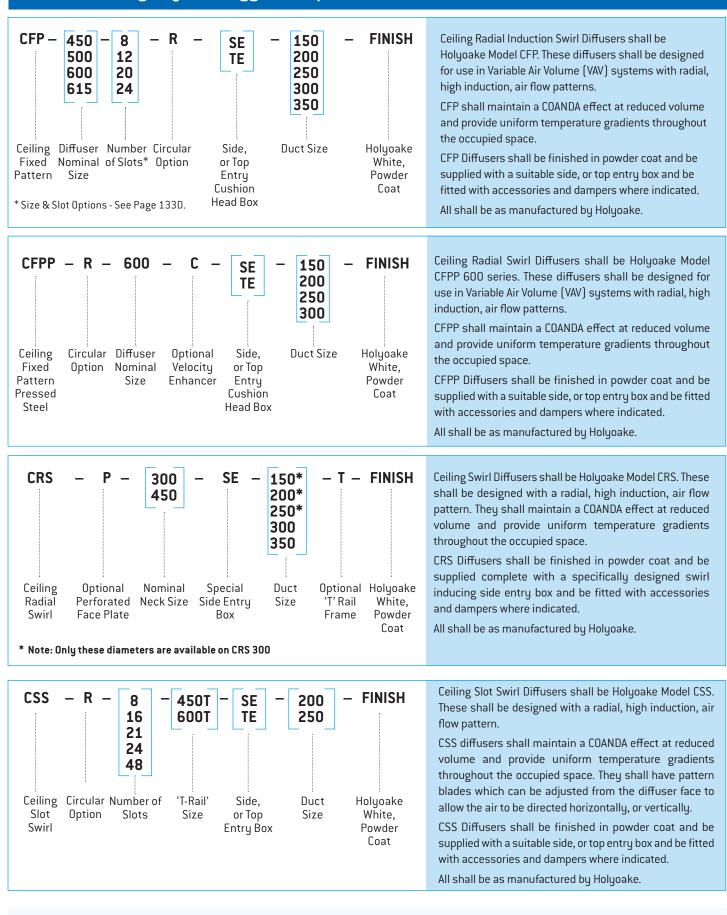
All shall be as manufactured by Holyoake.

Notes

- 1. Horizontal radial throws (m) are to a terminal velocity (Vt) of 0.75 0.50 0.25 m/s.
- 2. Pressure drop figures are based on duct mounted units.
- 3. For Premi-Aire[™] side entry supply boxes, Multiply Throws by a factor of 0.95 and Pressure Drop by a factor of 1.02.
- 4. NC values are based on standard room attenuation of 10dB re $10^{\text{-}12}$ Watts.
- 5. NC values below NC 10 not shown.
- 6. Seismic restraints would be required, but not supplied.

CFP, CFPP, CRS & CSS

Product Ordering Key and Suggested Specifications

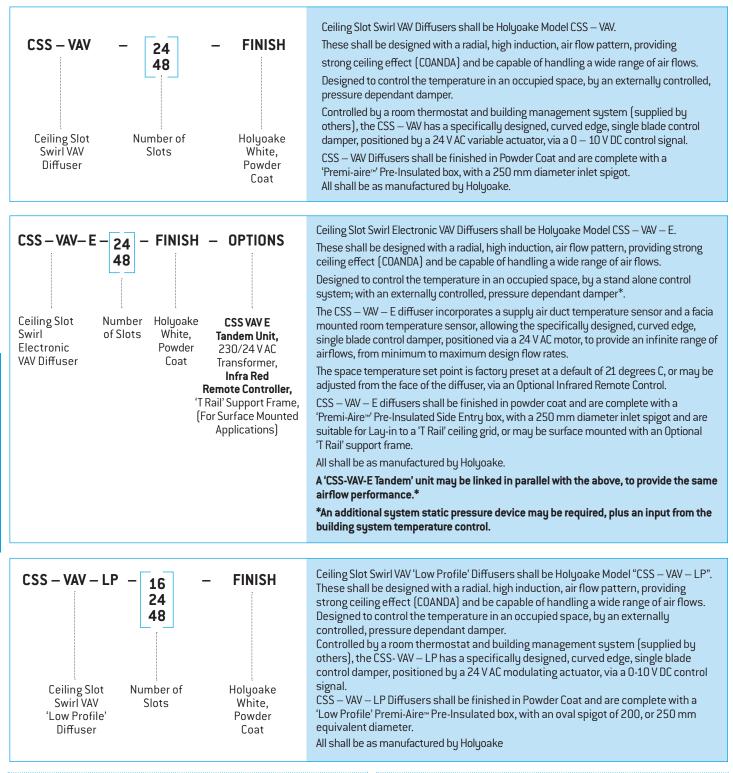


Note

All ceiling diffusers, seismic restraints are required, but not supplied.

CSS - VAV, CSS - VAV - E & CSS - VAV - LP

Product Ordering Key and Suggested Specifications



Series CSS P	roduct Weights		Series CSS Product Weights			
Sizes Available	Weights in Kg	Sizes Available	Weights in Kg			
CSS8	1.3	CSSR615 21	3.35			
CSS16	2.4	CSSR615 24	3.35			
CSS21	2.5	CSSR615 48	3.45			
CSS24	2.5	450 GALV BOX	6.5			
CSS48	2.6	600 GALV BOX	6.5			
CSSR500 8	2.81	450 PREM BOX	2.1			
CSSR500 16	3.01	600 PREM BOX	2.7			
CSSR500 21	3.03	500 DIA GALV PLENUM	2.94			
CSSR615 8	3.05	615 DIA GALV PLENUM	3.14			
CSSR615 16	3.25					

Note: All ceiling diffusers, seismic restraints are required, but not supplied.