



60Hz VENTILATION SOLUTIONS



NUAIRE. FOR THE COMPLETE VENTILATION SOLUTION





WITH A RECORD OF QUALITY WHICH IS THE ENVY OF THE INDUSTRY...

...Nuaire is a British company with a long history of innovation in a field of ventilation and air movement solutions, and its products are known across the world for their superb quality and efficiency.

Founded in 1966, Nuaire has a long and much-admired heritage in developing and manufacturing ventilation products. The company's products are renowned worldwide, likewise their unrivalled customer service, and it is this combination which has ensured that Nuaire's products have been sold into more than 60 countries around the world, including in the Middle East, Europe, the USA and Asia.





ROOF MOUNTED SINGLE FAN NALSRF

External roof mounted belt driven centrifugal fan range manufactured from aluzinc. Units are suitable for operation in ambient temperatures of up to 60°C and for internal and external installation up to a maximum angle of 5°. Outlet grilles are positioned on opposite sides of the fan casing to prevent wind pressures affecting fan performance. Units are alternatively available as inline type or with a bottom inlet.



KEY BENEFITS:

- ▶ **ROBUST BUILD QUALITY**
- ▶ **WIDE RANGE OF APPLICATIONS**
- ▶ **EASY INSTALLATION** - VARIABLE SPIGOT OPTIONS
- ▶ **FULLY SPEED CONTROLLABLE** - CAN USE EITHER ELECTRONIC OR AUTO TRANSFORMER VOLTAGE REGULATION CONTROLLERS
- ▶ **SUITS ALL DUCT SIZES** - WITH A CHOICE OF 6 SIZES AND A HIGHER PERFORMANCE MODEL ALSO AVAILABLE





CONSULTANTS SPECIFICATION



CASING

Case is manufactured from high grade corrosive resistant aluzinc, with a choice of direct or belt drive. Acoustically lined lid.



MOTOR

Three Phase, 380 or 460, 60Hz with prewired junction box, all motors contain thermal overload protection. Belt Drive in 16 sizes in 3 configurations. IEC60034 Motor.
• IP44.



CERTIFICATION AND OPERATING TEMPERATURE

Fan is suitable for operation in ambient temperatures up to 60°C.



IMPELLER

Forward curved centrifugal steel impeller.



INSTALLATION

All units may be installed up to a maximum angle of 5°. External/internal roof mounted single fan units.



PERFORMANCE

Domestic, commercial or industrial, with performances from 0.06-4m³/s.



ANCILLARIES

- Long and standard silencers
- Flexible connectors



APPLICATIONS

- Washrooms
- Offices
- Supermarkets



NALSRF 60Hz



CODING NALSRF10-B2GG

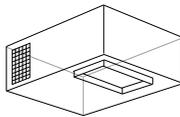
NALSRF	10	B2G	G
	1	2	3 4

SAMPLE CODING

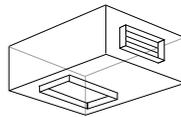
1. NAL roof mount single fan range
2. Size/curve reference
3. B2G - Rear Inlet with side discharge
S2S - Inline spigots
4. G-460v, J-360v

CONFIGURATIONS

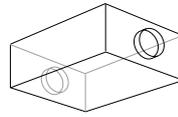
Rectangular bottom spigot



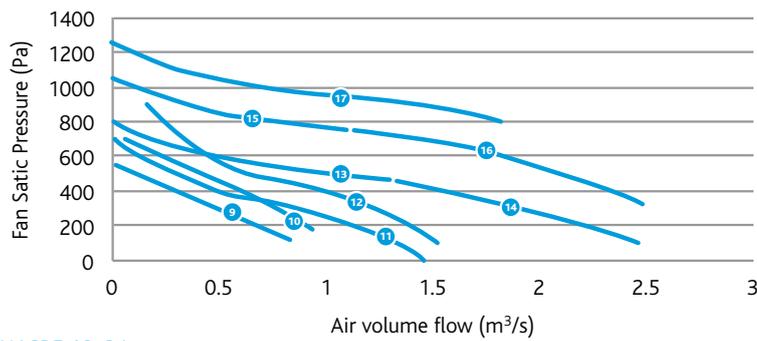
Rectangular bottom spigot



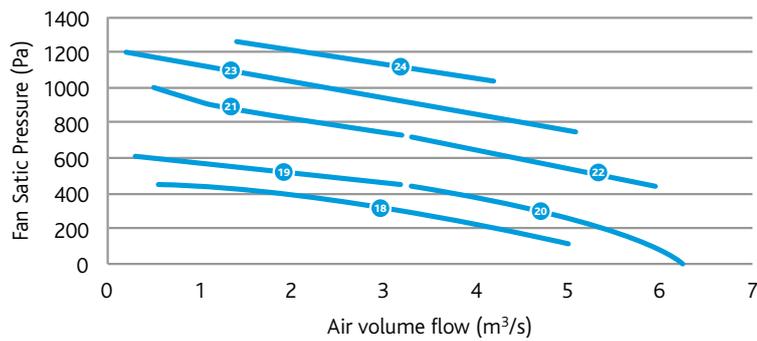
Spigot to spigot connections

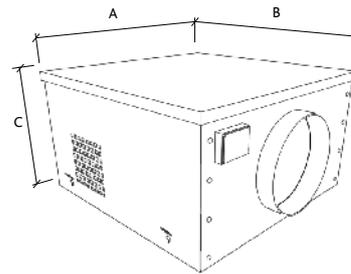
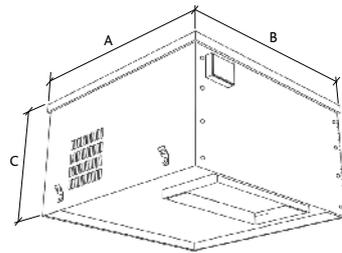


NALSRF 9-17



NALSRF 18-24





CIRCULAR SPIGOTS DIMENSIONS (MM)

MODEL	A	B	C	SPIGOT
NALSRF9/10	974	974	622	400
NALSRF11-17	1430	1635	796	630
NALSRF9-12B2G/S2S	1233	1233	701	500
NALSRF13-17B2G/S2S	1430	1190	796	630

RECTANGULAR SPIGOTS DIMENSIONS (MM)

MODEL	A	B	C	SPIGOT
NALSRF9-12	1233	1233	701	762x304
NALSRF13-17	1430	1190	796	889x381
NALSRF18-24	2030	1466	1183	1200x700

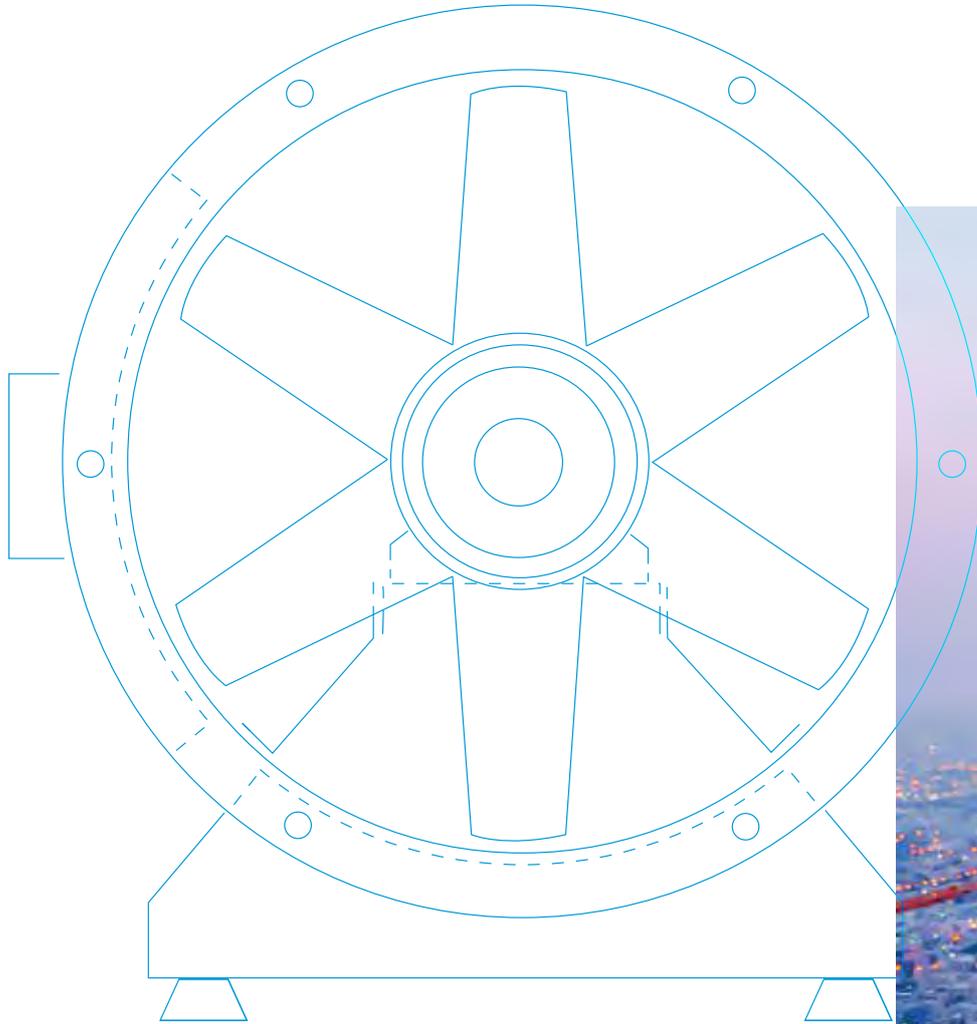
460V

CODE	PHASE	RPM SPEED	MOTOR CURRENTS		SOUND POWER LEVELS RE 1 PWATT (Hz) INDUCT INLET								dB(A) @3M	OUTLET @3M
			FLC	SC (DOL)	63	125	250	500	1K	2K	4K	8K		
NALSRF9G	3	1225	1.8	9.8	80	75	70	65	66	58	53	50	51	60
NALSRF10G	3	1400	2.5	16.75	82	77	73	67	69	60	54	47	53	63
NALSRF11G	3	1225	3.3	24.8	78	73	68	68	62	56	58	48	52	58
NALSRF12G	3	1085	4.8	36	78	73	69	70	64	59	61	55	54	59
NALSRF13G	3	1040	4.8	36	86	81	81	76	76	74	71	68	63	73
NALSRF14G	3	1040	8.2	58	89	84	82	80	79	77	75	70	66	74
NALSRF15G	3	1260	6.3	49	89	84	83	79	80	77	74	69	66	72
NALSRF16G	3	1260	11	81	90	85	83	81	81	78	76	71	67	73
NALSRF17G	3	1440	11	81	91	86	84	82	81	79	77	73	68	73
NALSRF18G	3	700	11	81	91	86	84	84	73	70	63	63	65	71
NALSRF19G	3	800	8.2	58	91	86	84	84	73	70	63	63	65	72
NALSRF20G	3	800	22	166	96	91	89	89	78	75	68	68	70	75
NALSRF21G	3	1000	11	81	95	90	87	87	76	75	68	69	68	74
NALSRF22G	3	1000	22	166	98	93	91	91	80	77	70	70	72	77
NALSRF23G	3	1100	22	166	97	92	90	90	79	76	69	69	71	77
NALSRF24G	3	1200	22	166	98	93	90	90	79	78	71	72	71	77

380V

NALSRF9J	3	1225	2.3	12	80	75	70	65	66	58	53	50	51	60
NALSRF10J	3	1400	3.2	21	82	77	73	67	69	60	54	47	53	63
NALSRF11J	3	1225	4.2	30	78	73	68	68	62	56	58	48	52	58
NALSRF12J	3	1085	6.1	45	78	73	69	70	64	59	61	55	54	59
NALSRF13J	3	1040	6.1	45	86	81	81	76	76	74	71	68	63	73
NALSRF14J	3	1040	10	74	89	84	82	80	79	77	75	70	66	74
NALSRF15J	3	1260	8	62	89	84	83	79	80	77	74	69	66	72
NALSRF16J	3	1260	14	102	90	85	83	81	81	78	76	71	67	73
NALSRF17J	3	1440	14	102	91	86	84	82	81	79	77	73	68	73
NALSRF18J	3	700	14	102	91	86	84	84	73	70	63	63	65	71
NALSRF19J	3	800	10	74	91	86	84	84	73	70	63	63	65	72
NALSRF20J	3	800	27	210	96	91	89	89	78	75	68	68	70	75
NALSRF21J	3	1000	14	102	95	90	87	87	76	75	68	69	68	74
NALSRF22J	3	1000	27	210	98	93	91	91	80	77	70	70	72	77
NALSRF23J	3	1100	27	210	97	92	90	90	79	76	69	69	71	77
NALSRF24J	3	1200	27	210	98	93	90	90	79	78	71	72	71	77

Nuaire have a complete range of fans with different variants of spigot arrangements including spigot to spigot, bottom to grille, and inline. Contact Nuaire for additional information and performance data.



NUAIRE. FOR THE COMPLETE VENTILATION SOLUTION

T +44(0)29 2085 8484 E INTERNATIONAL@NUAIRE.CO.UK W NUAIRE.CO.UK [@NUAIREGROUP](https://twitter.com/NUAIREGROUP)

