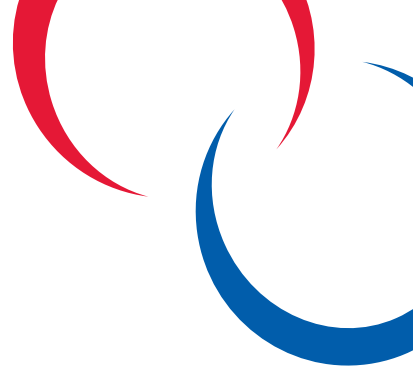


neocool

NEO Midwall Split



- Fast heating and cooling
- LED temperature display
- Dry mode
- Timer
- Low noise operation
- Smart refrigeration leak detection
- Elegant design, with sleek silver finish



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fourways

Neocool FOUS-NEO 09/12/18/22 NEO Midwall Split

The Neocool midwall split is an attractive unit in any space. With high cooling and heating capacities, as well as an EER of 3.1 and COP of 3.08, this midwall split is suitable for climate control of large indoor areas. A low indoor noise level of 41.7 dB(A) (on low setting) ensures exceptional quietness of operation. As with all Neocool models, the FOUS-NEO22 Split is backed by branches nationwide.



Indoor Model			FOUS-NEO09	FOUS-NEO12	FOUS-NEO18	FOUS-NEO24
Power supply		Ph-V/Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	W	2630	3520	5010	6780
	Input	W	819	1169	1664	2223
	Rated current	A	3.59	5.17	7.38	9.86
	EER	W/W	3.21	3.01	3.01	3.05
Heating	Capacity	W	2540	3525	5100	7000
	Input	W	704	976	1496	2115
	Rated current	A	3.08	4.32	6.64	9.38
	COP	W/W	3.61	3.61	3.41	3.31
Max. input consumption		W	1200	1750	2950	3000
Max. current		A	7.0	9.0	15.5	16
Starting current		A	20	25	41.8	55
Compressor	Type		ROTARY	ROTARY	ROTARY	Twin Rotary
	Capacity	W	2770/2790	4060/4060	5425 / 5440	7715
	Input	W	660/672	955/995	1280 / 1345	1835
	Rated current(RLA)	A	3.05/2.85	4.35/4.20	5.9 / 5.85	8.4
	Locked rotor Amp(LRA)	A	20	25.0	38	55
	Thermal protector		BF750-MH	UP3-21/HPA -522	/	/
	Thermal protector position		INTERNAL	INTERNAL	/	INTERNAL
Capacitor	µF	25.0	35.0	45	60	
Indoor fan motor	Speed(Hi/Mi/Lo)	r/min	1200/1050/850	1100/950/800	1200/950/850	1120/1020/950
Indoor coil	a.Number of rows		2	2	2.0	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.2	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Ø7Inner groove tube	Ø7Inner groove tube	Ø7Inner groove tube	Ø7Inner groove tube
	f.Coil length x height x width	mm	525x84x13.37+525x105x26.74+525x105x26.74	605x210x26.74+605x105x26.74	750x210x26.74+750x126x26.74	820x210x26.74+820x126x26.74
	g.Number of circuits		2	2	4	4
Indoor air flow (Hi/Mi/Lo)		m³/h	550/466/325	570/500/380	820/545/455	1121/997/911
Indoor noise level (Hi/Mi/Lo)		dB(A)	40/36/31.5	41/36/28.5	44.5/38.5/30	48.5/42/39
Indoor unit	Dimension(W*D*H)	mm	729x200x292	802x200x295	971x228x321	1082x234x337
	Packing (W*D*H)	mm	790x270x375	875x285x380	1045x305x405	1155x415x315
	Net/Gross weight	Kg	8.5/10.8	9.3/11.7	12.3/15.5	14.7/18.3

Outdoor Model			FOUS-NEO09X	FOUS-NEO12X	FOUS-NEO18X	FOUS-NEO24X
Outdoor fan motor	Input	W	63.0	63.0	/	/
	Speed	r/min	820	820	890	850
Outdoor coil	a.Number of rows		1	1	1.6	1.6
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x22	21x13.37	21x13.37
	c.Fin spacing	mm	1.4	1.3	1.4	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Ø7Inner groove tube	Ø7Inner groove tube	Ø7Inner groove tube	Ø7Inner groove tube
	f.Coil length x height x width	mm	750x462x13.37	740x462x22	755*504*13.37+475*504*13.37	910*40.11*609
	g.Number of circuits		2	2	4	5
Outdoor air flow		m³/h	1800	1800	2200	4200
Outdoor noise level		dB(A)	54	55	58.5	59
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	890x342x673
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	995x398x740
	Net/Gross weight	Kg	26.6/28.4	27.1/28.9	34.8/37.3	52.9/55.5
Refrigerant type		Kg	R410A/0.67	R410A/0.65	R410A/1.14	R410A/1.65
Design pressure		MPa	//1.5	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	10	10	20	25
	Max. difference in level	m	8	8	8	10
Connection wiring			1.5x3/0.75x2	1.5x3/0.75x2	2.5x3/0.75x2	1.5x4//
Plug type			1.5x3/no-plug	1.5x3/no-plug	2.5x3/no-plug	//no-plug
Thermostat type			(Remote Control)	(Remote Control)	(Remote Control)	Remote Control)
Operation temperature		°C	17~30	17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	°C	16~32/0~30	16~32/0~30	16~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	°C	18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24
Application area (Cooling Standard)		m²	11~17	15~22	23.0~33.0	29~43
Qty/per 20' /40' /40'HQ			138/282/312	130/276/302	88/186/220	64/134/156

Alliance reserves the right to discontinue or change specifications at any time without notice and without incurring obligation. E&OE.