

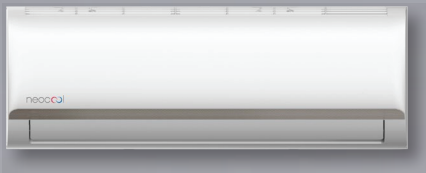
# Alliance

Affordable quality · Proven reliability · Since 2006

## Alliance Neocool

### MHP 09/12/18/22 NEO Midwall Split

**NEW**



- Available from 9000-22000btu
- Fixed speed non-inverter unit
- White finfish with silver strip
- Timer

neocool  
— cooling & heating —

# Alliance Neocool MHP 09/12/18/22 NEO Midwall Split

The NEW Alliance Neocool midwall split is a attractive unit in any space. With high cooling and heating capacities, as well as an EER of 3.19 and COP of 3.52, 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 Alliance models, the MHP NEO Split is backed by Fourways Airconditioning South Africa, with 9 branches nationwide.



Indoor code			22022011008561	22022011009701	22022011010219	22022011010220
Outdoor code			22022016008522	22022016009462	22022016009980	22022016009981
Model			MHP 09 NEO	MHP 12 NEO	MHP18 NEO	MHP 24 NEO
		V-Ph-Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz
Power supply	Capacity	Btu/h	9000	12000	18000	22000
	Input	W	813	1164	1621	2056
	Rated current	A	3.56	5,15	7,19	9,18
	EER	W/W	3.21	3,02	3.10	3,1
Heating	Capacity	W	9000	12000	18000	23000
	Input	W	780	1118	1475	2168
	Rated current	A	3.42	4,94	6.61	9,64
	COP	W/W	3.41	3,25	3.39	3,08
Max. input consumption		W	1250	1788	2200	3000
Max. current		A	6	9.13	11.5	16
Starting current		A	20	25	/	/
Compressor	Capacity	Btu/h	9451/9519	13853/13853	18630/18766	24959/25027
	Input	W	660/672	955/995	1295/1348	1712/1752
	Rated current(RLA)	A	3.05/2.85	4.35/4.2	6.05/5.88	7.92/7.62
Indoor fan motor	Input	W	40	40.0	55.00	77
	Capacitor	uF	1.2	1.2	2	3
	Speed((turbo)/Hi/Mi/Lo)	r/min	1200/950/800	1150/950/800	1180/1000/850	1200/1000/850
Indoor coil	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.2	1,3
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Ø7,innergroove tube	Ø7,innergroove tube	Ø7,innergroove tube	Ø7,innergroove tube
	f.Coil length x height x width	mm	510x84x13.37+510x189x26.74	598x210x26.74+598x84x13.37	750x294x26.74	780x315x26.74
	Indoor air flow((turbo)/Hi/Mi/Lo)	m³/h	450/392/311	506/401/324	850/685/556	1000/890/730
Indoor noise level((turbo)/Hi/Mi/Lo)		dB(A)	41/-/30	39.5/33/28.5	44.4/39.4/34.1	46.6/44.3/39.6
Indoor unit	Dimension(W*D*H)	mm	715x194x285	805x195x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x270x360	870x360x270	1035x295x380	1120x310x405
	Net/Gross weight	Kg	7.6/9.8	8.4/10.7	10.6/14.1	13.4/16.8
Outdoor coil	Speed (Hi)	r/min	850/770	850/770	890/830	850/750
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.4	1.4
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Ø7,innergroove tube	Ø7,innergroove tube	Ø7,innergroove tube	Ø7,innergroove tube
	f.Coil length x height x width	mm	680x504x13.37	744x504x13.37	755x504x26.74+685x504x26.74	780x651x40.11
Outdoor noise level		dB(A)	55	53.5	60.1	59.8
Outdoor unit	Dimension(W*D*H)	mm	700x275x550	770x300x555	770x300x555	845x363x702
	Packing (W*D*H)	mm	815x325x615	900x345x585	900x345x615	965x395x765
	Net/Gross weight	Kg	26.6/28.9	30.8/33.2	37.7/40.7	54.2/57.3
Refrigerant type		g	R410A/660g	R410A/760	R410A/1200	R410A/2100
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	20	20	20	25
	Max. difference in level	m	8	8	8	10
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	17-32/0-30	17-32/0-30	17-32/0-30	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		m²	12-18	16-23	22-32	29-42

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