

# Fixed Speed Medium Static Ducted 42SMH Series



## Features

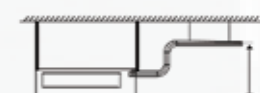
- Slim Profile low height design suitable for ceiling pockets.
- Flexibility of return Air intake from back & below.
- Standard Fresh Air Intake hole and connection flange.
- Easy Filter replacement from back or bottom.
- Long life and high efficiency filters.
- Easy Fan motor maintenance by removing bottom service panel.
- New position of room temperature sensor on fan cover, for more accurate temperature sensing.
- Special port for testing drain pump operation.
- Detachable E-Box, can be installed 1m far from the unit for easy maintenance.
- Easy to replace Drain Water Pump (Optional).
- Quick & Convenient to install with optional front clapboard.



Air Intake From Back



Air Intake From Bottom



Drain Pump

## Remote Control



### Wireless (Standard)

- Temp. Range 17°C to 30°C
- Mode: Auto, Cool, Dry, Heat, Fan only
- Daily Timer setting: 0-24 hours
- Louver Auto Swing (Vertical and Horizontal)
- Fan Speed Control (H/M/L/Auto)
- Economical Operation Button
- Effective transmitting distance of remote is 8m



### Wired (Optional)

- On / Off Operation
- Economical Mode
- Temp. Range 17°C to 30°C
- Mode: Auto, Cool, Dry, Heat, Fan only
- Time setting: 0-24 hours
- Weekly timer (optional)
- Swing Operation
- FAN Speed Control

## Technical Specifications

Model		38HN/42SMH0121001201	38HN/42SMH0181001201	38HN/42SMH0241001201	38HN/42SMH0301001201	38HN/42SMH0301001901	38HN/42SMH0361001201	38HN/42SMH0361001901	38HN/42SMH0481001901	38HN/42SMH0601001901
Cooling Capacity	KW	3,48	5,78	7,67	10,84	11,09	11,05	11,10	14,08	15,07
Power Input	W	1396	2036	2702	3980	3724	3957	3671	5082	5878
E.E.R.	W/W	2,49	2,84	2,84	2,72	2,98	2,79	3,02	2,77	2,56
Energy Class		E	C	C	D	C	D	B	D	E
Heating Capacity	KW	3,81	6,16	7,69	12,38	10,98	12,07	11,60	14,74	17,76
Power Input	W	1256	1751	2373	3700	3389	3571	3195	4261	5499
COP	W/W	3,03	3,52	3,24	3,34	3,24	3,38	3,63	3,46	3,23
Energy Class		D	B	C	C	C	C	A	B	C
Max current	A	8,5	15,0	18,0	25,0	10,0	30,0	10,0	10,5	12,6
Compressor type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
<b>Indoor Unit</b>		<b>42SMH0121001201</b>	<b>42SMH0181001201</b>	<b>42SMH0241001201</b>	<b>42SMH0301001201</b>	<b>42SMH0301001901</b>	<b>42SMH0361001201</b>	<b>42SMH0361001901</b>	<b>42SMH0481001901</b>	<b>42SMH0601001901</b>
Air flow (H/M/L)	m <sup>3</sup> /h	800/610/520	1170/770/650	1400/1100/1000	2250/1940/1720	2250/1940/1720	2270/1890/1650	2270/1890/1650	3010/2410/1940	3150/2510/1990
Noise level (H/M/L)	dB(A)	36,9/30,2/26,4	45,3/41,2/33,9/29,7	47,5/42,5/38,0/34,3	46,1/44/42,2	46,1/44/42,2	52,2/48,2/41,9/38,0	53,0/48,9/41,5/37,8	52,5/47,6/41,4/37,0	52,7/48,8/43,9/39,7
Dimensions (W*H*D)	mm	700x210x635	920x210x635	920x270x635	1140x270x775	1140x270x775	1140x270x775	1140x270x775	1200x300x865	1200x300x865
Weight	kg	20/25	24/30	28/34	41/46	41/46	41/46	41/46	47/55	47/55
<b>Outdoor Unit</b>		<b>38HN0121120A</b>	<b>38HN0181120A</b>	<b>38HN0241120A</b>	<b>38HN0301120A</b>	<b>38HN0301190A</b>	<b>38HN0361120A</b>	<b>38HN0361190A</b>	<b>38HN0481190A</b>	<b>38HN0601190A</b>
Air flow	m <sup>3</sup> /h	2100	2439	3200	5000	5000	5000	5000	6800	6850
Noise level	dB(A)	43	58,7	60	64,1	64,5	65,9	63,6	62,8	61,5
Maximum pipe length	m	15	25	25	25	25	30	30	50	50
Maximum height difference	m	8	15	15	15	15	20	20	25	25
Dimensions (W*H*D)	mm	780x547x250	760x590x285	845x695x335	990x965x355	990x965x355	990x965x355	990x965x355	900x1167x340	900x1167x340
Weight	kg	30	39	53	94	92	94	92	110	106
Refrigerating piping (liquid/gas)	inch	1/4"/1/2"	1/4"/1/2"	3/8"/5/8"	3/8"/3/4"	3/8"/3/4"	1/2"/3/4"	1/2"/3/4"	1/2"/3/4"	1/2"/3/4"
Refrigerant Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Ambient temperature (cooling/heating)	°C	18 + 43 / -7 + 24	18 + 43 / -7 + 24	18 + 43 / -7 + 24	18 + 43 / -7 + 24	18 + 43 / -7 + 24	18 + 43 / -7 + 24	18 + 43 / -7 + 24	18 + 43 / -7 + 24	18 + 43 / -7 + 24
Power supply	Ph-V-HZ	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	3Ph, 380-415V~, 50Hz	1Ph, 220-240V~, 50Hz	3Ph, 380-415V~, 50Hz	3Ph, 380-415V~, 50Hz	3Ph, 380-415V~, 50Hz

Note:

Cooling Capacities are based on 27°C (DB) / 19°C (WB) indoor air temperature and 35°C (DB) / 24°C (WB) outdoor air temperature.

Heating Capacities are based on 20°C (DB) / 15°C (WB) indoor air temperature and 7°C (DB) / 6°C (WB) outdoor air temperature.

H/M/L: High - Medium - Low speed