



## Inverter Ducted | 42SMV/38VN

### FEATURES

The Carrier Inverter Ducted units offer high performance both in terms of comfort and energy efficiency. Compact and versatile is the ideal choice for new or refurbished buildings.

Slim line profile that allows installation in applications with low available height.

Reliable and durable unit thanks to high efficient DC rotary inverter driven compressor.

Easy installation and maintenance as all components can be accessed by removing the grille.

Equipped with fresh air intake.

The drain pump of the indoor unit is a unitary shaped up pan and is insulated around the outside surface. It can stand strict condensing test.

Choice of wired or wireless controls.



### UNITS

### REMOTE CONTROL



# TECHNICAL SPECIFICATIONS

Indoor Unit		42SMV2181001231	42SMV2241001231	42SMV2361001231	42SMV2481001931	42SMV2601001931
<b>Outdoor unit</b>		<b>38VN2181123A</b>	<b>38VN2241123A</b>	<b>38VN2361123A</b>	<b>38VN2481193A</b>	<b>38VN2601193A</b>
Size		18K	24K	36K(1Ph)	48K(3Ph)	60K(3Ph)
Nominal cooling capacity (Min-Max)	kW	5.3 (2.5~6.0)	7.1 (3.4~8.6)	10.5 (5.3~12.0)	14.1 (7.0~16.0)	16.0 (8.0~18.0)
SEER	W/W	5.31	6.31	5.41		
Energy Efficiency Class		A	A++	A		
EER	W/W				2.5	2.3
Nominal heating capacity (Min-Max)	kW	5.3 (2.7~6.4)	7.6 (4.4~10.2)	10.5 (5.7~14)	16.1 (8.0~18.0)	19.0 (9.0~20.0)
SCOP	W/W	3.91	3.81	3.81		
Energy Efficiency Class		A	A	A		
COP	W/W				3.55	3.05
<b>Indoor</b>						
Model		42SMV2181001231	42SMV2241001231	42SMV2361001231	42SMV2481001931	42SMV2601001931
Rated input	W	160	200	230	250	250
External static pressure (Max)	Pa	70	70	80	100	100
Sound power level (High)	dB(A)	59	63	63	/	/
Dimensions (WxDxH)	mm	920x635x270	920x635x270	1200x865x300	1200x865x300	1200x865x300
Net weight	kg	28/31.5	28/31.5	44/52.5	44/53	44/53
<b>Outdoor</b>						
Model		38VN2181123A	38VN2241123A	38VN2361123A	38VN2481193A	38VN2601193A
Rated input	W	2200	2900	5100	7200	7500
Sound power level	dB(A)	65	68	70	/	/
Dimensions (WxDxH)	mm	845x320x700	900x315x860	990x345x965	938x392x1369	938x392x1369
Net weight	kg	46	59	73	102	107
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Flare connections (Liquid side / Gas side)	mm	Ø6.35/Ø12.7	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88
Max. pipe length	m	30	50	65	65	65
Max. difference in level	m	20	25	30	30	30
Operating range (Cooling)	°C	-15~50	-15~50	-15~50	-15~50	-15~50
Operating range (Heating)	°C	-15~24	-15~24	-15~24	-15~24	-15~24
Power supply	V-Ph-Hz	220-240-1-50	220-240-1-50	220-240-1-50	380-415-3-50	380-415-3-50

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.