



HI - WALL

42ADF

UNIQUE DESIGN: BEAUTIFUL TO
LOOK AT EASY TO CONCEAL

Diamond is an amazing innovation in
Carrier's residential range: it is mount-
ed vertically, either in a **corner** or on
the **wall**.

XPOWER
INVERTER

Diamond

Carrier

- **Unique design:** vertical, modern and unobtrusive.
- **Exclusive design and installation:** the flexible unit may be corner mounted, making it ideal for applications where wall space is at a premium. It is also suitable for wall mounting.
- **DC Inverter technology,** delivering A-energy class in both cooling and heating, for optimized energy saving.
- **A coloured well-being:** wide choice of easily changeable coloured panels, to adapt to any interior décor (panels: ivory, coral, arctic blue, aluminium).
- **Excellent indoor air quality:** clean, purified air thanks to bio pre-filter, anti-dust filter and anti-odour filter.
- **Optimised air distribution:** thanks to two vertical fans.



Heat pump systems		Size	25	35
Nominal cooling capacity		kW	2,5	3,5
Minimum cooling capacity		kW	0,9	1,1
Maximum cooling capacity		kW	3,0	4,0
Nominal power input		W	760	1070
E.E.R.		W/W	3,29	3,27
Energy efficiency class (cooling mode)			A	A
Annual energy consumption (cooling mode)		kWh	380	535
Nominal heating capacity		kW	3,2	4,2
Minimum heating capacity		kW	0,9	1,1
Maximum heating capacity		kW	4,0	5,8
Nominal power input		W	840	1129
C.O.P.		W/W	3,81	3,72
Energy efficiency class (heating mode)			A	A
Indoor unit			42ADF025	42ADF035
Dehumidification		l/h	1,1	1,3
Nominal air flow (low/med/high)		l/s	92/108/124	101/116/132
Sound pressure (low/med/high)		dB(A)	33/36/39	35/38/41
Sound power (low/med/high)		dB(A)	47/50/53	48/52/55
Dimensions (h x l x d)		mm	820 x 390 x 185	820 x 390 x 185
Weight		kg	14,6	14,6
Power supply		V-ph-Hz	230-1-50	230-1-50
Outdoor unit		Model	38VYX025-R	38VYX035-R
Compressor type			DC rotary	DC rotary
Maximum pipe length		m	10	15
Maximum height difference		m	8	10
Pre-charged length		m	10	15
Flare connections (gas – liquid)			3/8" – 1/4"	3/8" – 1/4"
Air flow (cooling/heating)		m ³ /h	1320	2410
Sound pressure	CO/HP	dB(A)	46/47	48/50
Sound power	CO/HP	dB(A)	60/61	63/65
Dimensions (h x l x d)		mm	530 x 660 x 240	550 x 780 x 270
Weight		kg	30	36
Maximum running current		A	8,3	9,3
Power supply		V-ph-Hz	220/240-1-50	220/240-1-50
Operating range (min/max)	CO	°C	15 ÷ 43	15 ÷ 43
Operating range (min/max)	HP	°C	-10 ÷ 24	-10 ÷ 24