

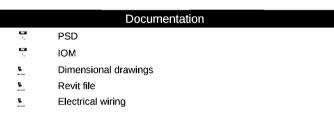
## **Customer report**

Radek Taubmann (31. 1. 2025 10:01:12)

## 42ND339

Fan coil without cabinet with variable speed motor

Unit	t information			
Deperating system  2 pipe cooling only  EC  Model  Without cabinet  Filter  ISO coarse > 50%  Coil hand  Return plenum  Supply plenum  Electric heater  Difficult  Without  Without  Rectangular flange  Without  Without				
Size	339			
Operating system	2 pipe cooling only			
Fan motor	EC			
Model	Without cabinet			
Filter	ISO coarse > 50%			
Coil hand	Left			
Return plenum	Without			
Supply plenum	Rectangular flange			
Electric heater	Without			
Options				
Control range	Electrical box (Without control)			
Valves	2-way valve			
Actuator	On/Off, 230V actuators			
Hydraulic options	Drain pump fitted horizontal assembly			





Unit configuration may vary

	Operating	conditions	
Mode			Cooling
	Inlet temperature	°C	7
Fluid	Outlet temperature	°C	13
ਜ਼ੋ	Fluid flow	L/h	N/A
	Fluid type		Ethylene Glycol
Air	Dry temperature	°C	27
	Wet temperature	°C	19
	Relative humidity	%	47
	Return dry temperature	°C	28
System	ESP	Pa	0
	Apply ESP to		
			All fan speeds
Noise attenuation		dB	9
Altitude		m	0

The certified performances, conditions and the certification of the software must be verified at www.eurovent-certification.com



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Radek Taubmann (31. 1. 2025 10:01:12)

Performance 42ND339F-G-AA-QSB											
Fan			Jimance 42ND3391					May			
		Min	0.0	4.0	F 0		7.0	Max			
Variable speed	V	2.0	3.0	4.0	5.0	6.0	7.0	8.0			
Total air flow rate	m³/h	198	327	461	587	716	825	934			
External static pressure	Pa	0	0	0	0	0	0	0			
Electric motor consumption	W	5	8	14	23	37	57	86			
Cooling mode											
Total capacity	kW	1.15	1.63	2.25	2.90	3.61	4.26	4.97			
Sensible capacity	kW	0.92	1.39	1.92	2.44	3.00	3.49	4.00			
Supply air temperature	°C	14.0	15.2	15.4	15.4	15.3	15.1	14.9			
Fluid flow rate	L/h	179	255	352	454	567	672	786			
Fluid pressure drop	kPa	6	8	12	17	26	37	50			
Noise level (1)											
Lw (global): Sound power level	dB(A)	28	39	47	53	57	60	64			
Lw (outlet): Sound power level	dB(A)	28	39	47	53	57	60	64			
Lp (global): Sound pressure level	dB(A)	19	30	38	44	48	51	55			
NC level	dB(A)	<15	26	32	38	42	45	49			
NR level	dB(A)	<15	28	34	40	44	47	51			
Dimensions (HxWxD)	mm		556x1012x245								
Weight	kg				22						

<sup>(1)</sup> Sound Power Levels according to ISO 3741. Sound pressure level, NR and NC are based upon hypothetical acoustic attenuation for the room and air diffusion sub-system. The accuracy of the above data is +/-2dB(A). All dimensions include Water valve factory fitted as maximum unit dimensions, for installation safety. If the product is supplied without a Carrier control device, verification of EMC conformity is the responsibility of the installer or control integrator.



CARRIER participates in the ECP program for Fan Coil Units (Ducted and non Ducted). The certified values are: Input voltage for variable speed units only, Air Flow Rate and External Static Pressure for ducted units only, Total cooling Capacity, Sensible Capacity, Total heating capacity, Water Pressure Drop, Electric Motor Consumption, Lw (inlet+radiated) and Lw (outlet) for ducted units, Lw (overall) for non-ducted units.

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Packaged FanCoils EMEA - v1.14.0.0 (19. 12. 2024)

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