

i-LIFE2 SLIM 2T DLMV 270

Software version: ELCA World 1.4.1.0
 Database version: 1.5.2.0
 User: Andreea Cecea
 Print data: 04/06/2020 11:52



GENERAL DATA

Model	i-LIFE2 SLIM 2T DLMV 270
Version	DLMV
Size	270
UNIT DESCRIPTION [General descriptions and images of the range, not specific to the choice of model]	Residential fan-coils with cabinet or concealed version, with inverter motor e tangential fan.



PERFORMANCE AT DESIGN CONDITIONS

REFERENCE CONDITIONS

COOLING

Dry Bulb temp. Inlet Cooling	°C	27.0
Relative Umidity inlet in cooling	%	47
Water flow in cooling mode	l/s	*
Inlet fluid temp. in cooling	°C	7.0
Outlet fluid temp.in cooling	°C	12.0
Fluid type		WATER
Glycol	%	0

HEATING

Inlet dry bulb temp. Heating	°C	20.0
Relative Umidity Inlet Heating	%	50
Water flow in heating mode	l/s	*
Inlet fluid temp. in heating	°C	45.0
Outlet fluid temp.in heating	°C	40.0
Fluid type		WATER
Glycol	%	0

SELECTION PERFORMANCES

COOLING CAPACITY

Speed	%	48
Total capacity in cooling mode	kW	1.41
Sensible capacity in cooling mode	kW	1.10
SHR		0.78
Pressure Drop in cooling mode	kPa	6.9
Water flow in cooling mode	l/s	0.07
Outlet fluid temp.in cooling	°C	12.0
Outlet dry bulb temp. in cooling	°C	10.8
Outlet Relative Humidity in cooling mode	%	96

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HEATING CAPACITY

Speed	%	48
Total capacity (heating mode)	kW	1.63
Pressure drop in heating mode	kPa	9.2
Water flow in heating mode	l/s	0.08
Outlet fluid temp.in heating	°C	40.0
Dry Bulb temp. Outlet Heating	°C	43.7
Outlet Relative Humidity in heating mode	%	13

EUROVENT

GENERAL DATA

FCEER	kW/kW	320
FCEER Class		A
FCCOP	kW/kW	387
FCCOP Class		A

STD RATING CONDITION

REFERENCE CONDITIONS

COOLING

Inlet fluid temp. in cooling	°C	7.0
Outlet fluid temp.in cooling	°C	12.0
Dry Bulb temp. Inlet Cooling	°C	27.0
Wet bulb temp. Inlet Cooling	°C	19.0

HEATING

Inlet fluid temp. in heating	°C	45.0
Outlet fluid temp.in heating	°C	40.0
Inlet dry bulb temp. Heating	°C	20.0
Temp. Wet bulb inlet Heating	°C	13.7

PERFORMANCE AT DESIGN CONDITIONS

Speed		100	79	45
		Max	Medium	Min
Total capacity in cooling mode	kW	2.75	2.18	1.32
Sensible capacity in cooling mode	kW	2.21	1.72	1.03
Total Net Cooling Capacity	kW	2.73	2.17	1.32
Net sensible cooling capacity	kW	2.19	1.71	1.03
Net latent power in cooling	kW	0.54	0.46	0.29
Inlet fluid temp. in cooling	°C	7.0	7.0	7.0
Outlet fluid temp.in cooling	°C	12.0	12.0	12.0
Water flow in cooling mode	l/s	0.13	0.10	0.06
Pressure Drop in cooling mode	kPa	23.5	15.3	6.0
Total capacity (heating mode)	kW	3.27	2.40	1.54
Total Net Heating Capacity	kW	3.29	2.41	1.54
Inlet fluid temp. in heating	°C	45.0	45.0	45.0
Outlet fluid temp.in heating	°C	40.0	40.0	40.0
Water flow in heating mode	l/s	0.16	0.12	0.07
Pressure drop in heating mode	kPa	33.1	18.6	8.1
Fan Power Input	W	20.0	9.86	1.82
Air flow rate	m³/h	425	334	189
ESP External Static Pressure	Pa	0	0	0
Sound Pressure	dB(A)	44	37	27
Sound Power	dB(A)	53	46	36

ELECTRICAL DATA

Power supply	V/ph/Hz	230/1/50
Max absorbed power	W	35
Absorbed current	A	0.28

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WEIGHT & DIMENSIONS

A	mm	1137
B	mm	131
H	mm	579
Operating weight	kg	23

