i-LIFE2 SLIM 2T DLMV 370

Software version: ELCA World 1.4.1.0
Database version: 1.5.2.0
User: Andreea Cecea
Print data: 04/06/2020 11:51

FANCOIL TANGENTIAL 2 PIPES

GENERAL DATA

Model	i-LIFE2 SLIM 2T DLMV 370
Version	DLMV
Size	370
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	%	100
Total capacity in cooling mode	kW	3.76
Sensible capacity in cooling mode	kW	3.30
SHR		0.88
Pressure Drop in cooling mode	kPa	23.7
Water flow in cooling mode	l/s	0.18
Outlet fluid temp.in cooling	°C	12.0
Outlet dry bulb temp. in cooling	°C	12.7
Outlet Relative Humidity in cooling mode	%	96

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HEATING CAPACITY

Speed	%	100
Total capacity (heating mode)	kW	3.77
Pressure drop in heating mode	kPa	24.3
Water flow in heating mode	l/s	0.18
Outlet fluid temp.in heating	°C	40.0
Dry Bulb temp. Outlet Heating	°C	36.1
Outlet Relative Humidity in heating mode	%	20

EUROVENT

GENERAL DATA

FCEER	kW/kW	275
FCEER Class		A
FCCOP	kW/kW	300
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	72	53
		Max	Medium	Min
Total capacity in cooling mode	kW	3.76	2.83	2.00
Sensible capacity in cooling mode	kW	3.30	2.40	1.71
Total Net Cooling Capacity	kW	3.73	2.81	2.00
Net sensible cooling capacity	kW	3.27	2.39	1.70
Net latent power in cooling	kW	0.46	0.42	0.30
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	0.18	0.14	0.10
Pressure Drop in cooling mode	kPa	23.7	13.0	6.3
Total capacity (heating mode)	kW	3.77	2.97	2.16
Total Net Heating Capacity	kW	3.81	2.99	2.16
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	0.18	0.14	0.10
Pressure drop in heating mode	kPa	24.3	14.7	7.5
Fan Power Input	W	33.0	12.3	4.91
Air flow rate	m³/h	697	499	367
ESP External Static Pressure	Pa	0	0	0
Sound Pressure	dB(A)	47	39	31
Sound Power	dB(A)	56	48	40

ELECTRICAL DATA

Power supply	V/ph/Hz	230/1/50
Max absorbed power	W	37
Absorbed current	A	0.30

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WEIGHT & DIMENSIONS

A	mm	1537
B	mm	131
H	mm	579
Operating weight	kg	29

