



## GENERAL DATA

Model	a-LIFE2 2T
Version	DFMO
Size	0602
UNIT DESCRIPTION [General descriptions and images of the range, not specific to the choice of model]	Fan-coil for professional applications, with cabinet or built-in version



## PERFORMANCE AT DESIGN CONDITIONS

### REFERENCE CONDITIONS

#### COOLING

Dry Bulb temp. Inlet Cooling	°C	27,0
Relative Umidity inlet in cooling	%	47
Max water flow	l/s	*
Inlet fluid temp. in cooling	°C	7,0
Outlet fluid temp.in cooling	°C	12,0
Fluid type		ETHYLENE GLYCOL
Glycol	%	30

#### 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	50,0
Outlet fluid temp.in heating	°C	*
Fluid type		ETHYLENE GLYCOL
Glycol	%	30

### SELECTION PERFORMANCES

#### COOLING CAPACITY

Speed		2
Total capacity in cooling mode	kW	3,97
Sensible capacity in cooling mode	kW	3,23
SHR		0,81
Pressure Drop in cooling mode	kPa	21
Max water flow	l/s	0,21
Outlet fluid temp.in cooling	°C	12,0
Outlet dry bulb temp. in cooling	°C	15,1
Relative Umidity Outlet cooling	%	90



### HEATING CAPACITY

Speed		2
Total capacity (heating mode)	kW	5,64
Pressure drop in heating mode	kPa	18
Water flow in heating mode	l/s	0,21
Outlet fluid temp.in heating	°C	43,0
Dry Bulb temp. Outlet Heating	°C	40,3
Relative Umidity Outlet Hating	%	16

### PERFORMANCES FOR EACH SPEED

#### COOLING CAPACITY

Speed		1	2	3	4	5	6
		-	Max	Medium	-	Min	-
Total capacity in cooling mode	kW	4,12	3,97	3,38	3,17	2,73	2,58
Sensible capacity in cooling mode	kW	3,36	3,23	2,70	2,50	2,20	1,80
SHR		0,82	0,81	0,80	0,79	0,81	0,70
Pressure Drop in cooling mode	kPa	23	21	15	14	10	9
Max water flow	l/s	0,22	0,21	0,18	0,17	0,14	0,13
Outlet fluid temp.in cooling	°C	12,0	12,0	12,0	12,0	12,0	12,0
Outlet dry bulb temp. in cooling	°C	15,2	15,1	14,9	14,7	15,1	14,2
Relative Umidity Outlet cooling	%	90	90	90	90	90	84

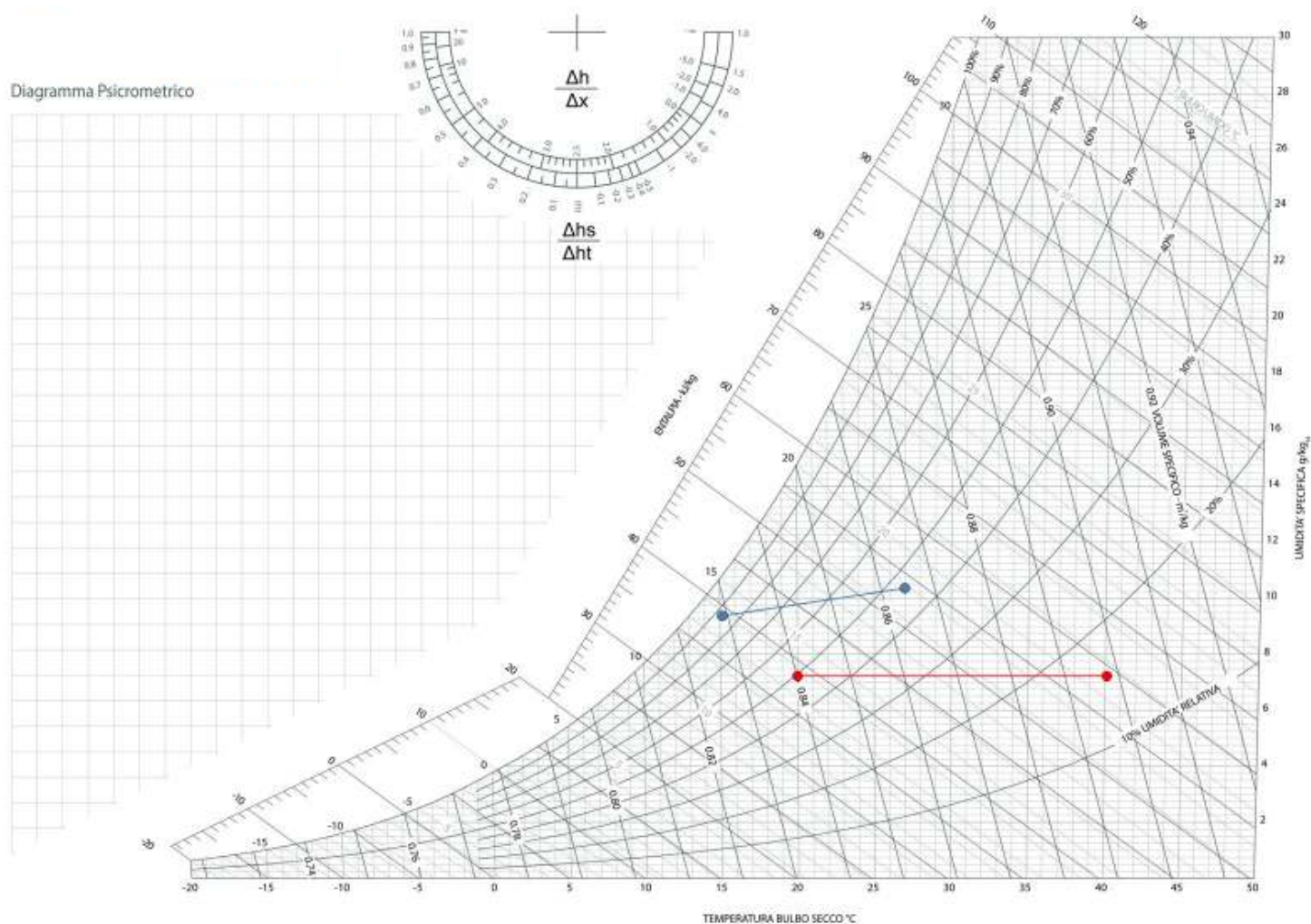
#### HEATING CAPACITY

Speed		1	2	3	4	5	6
		-	Max	Medium	-	Min	-
Total capacity (heating mode)	kW	5,86	5,64	4,78	4,48	3,86	3,66
Pressure drop in heating mode	kPa	20	18	14	12	9	8
Water flow in heating mode	l/s	0,22	0,21	0,18	0,17	0,14	0,13
Outlet fluid temp.in heating	°C	43,0	43,0	43,0	43,0	43,0	43,0
Dry Bulb temp. Outlet Heating	°C	40,2	40,3	40,9	41,6	40,6	45,6
Relative Umidity Outlet Hating	%	16	16	15	15	16	12



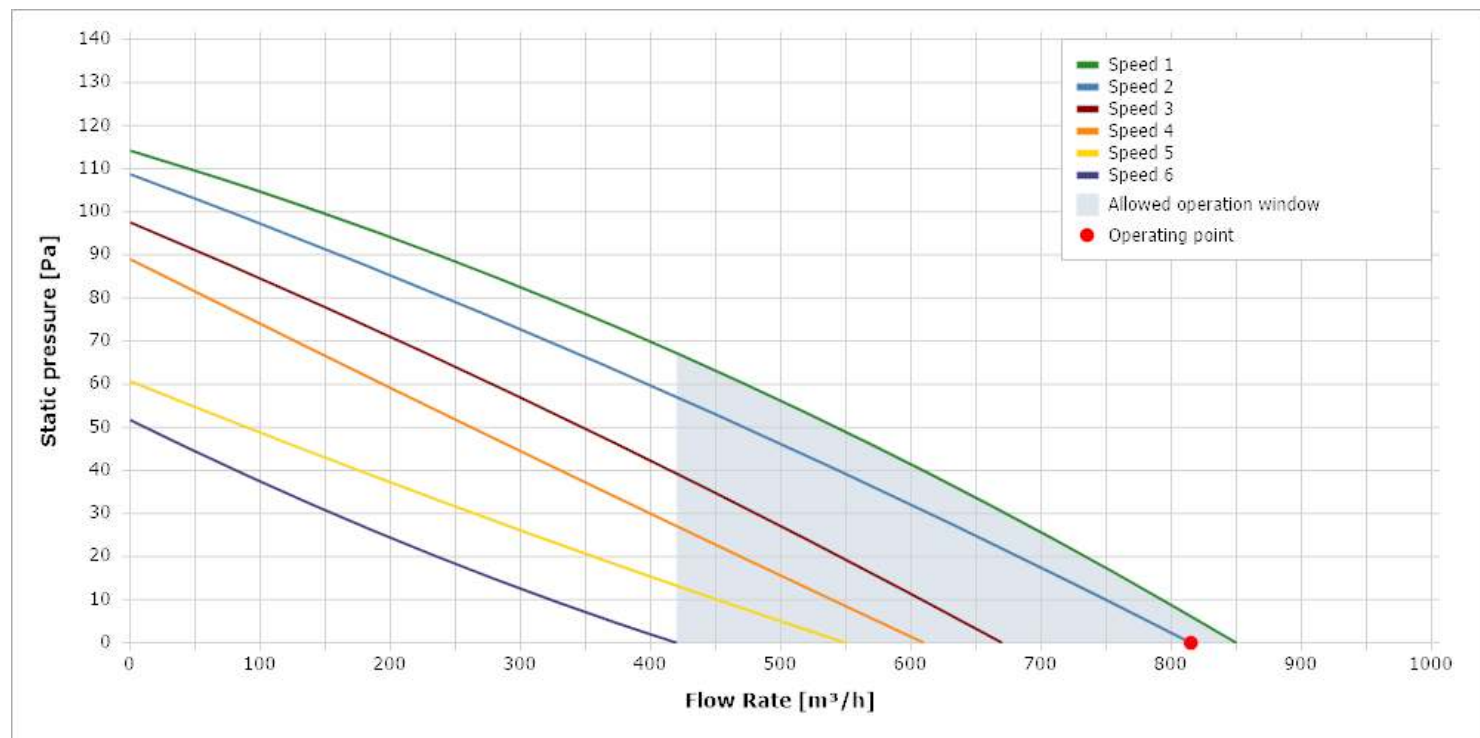
## PSYCHROMETRIC CHART

Diagramma Psicrometrico





## FAN CURVES



## FAN

Speed		1	2	3	4	5	6
		-	Max	Medium	-	Min	-
Air flow rate	m³/h	850	815	670	610	550	420
ESP External Static Pressure	Pa	0	0	0	0	0	0
Fan Power Input	W	72,0	56,0	47,0	41,0	29,0	25,0
Sound Pressure	dB(A)	51	50	45	41	39	28
Sound Power	dB(A)	60	59	54	50	48	37

## ELECTRICAL DATA

Power supply	V/ph/Hz	230/1/50
Max absorbed power	W	75
Absorbed current	A	0,35



WEIGHT & DIMENSIONS

A	mm	1302
B	mm	233
H	mm	499
Operating weight	kg	28

