



# PRODUCT PERFORMANCE RATING

Document ID 072120201009-11194953

Issued on 21 July 2020

This product is certified by Eurovent Certita Certification as mentioned on

**Certificate N° 11.12.003**

This document is valid at the date of issue - **Check the current validity on [www.eurovent-certification.com](http://www.eurovent-certification.com)**

Product	Fan Coil Units / Ventilateurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWH Hstat ECM EUV Ducted
Product référence	PDWH-18-V-ECM

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	28.00	
Variable Speed Fan	true	
Mounting Base	Built-in Horizontal	
FCEER Class	D	
FCCOP	39.64	
Main Power Supply	230-1-50	
FCCOP Class	D	
L M H	1 2 3	



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FEATURE	VALUE	UNIT
<b>LOW SPEED</b>		
Ps Low	2.60	kW
Pc Low	3.22	kW
Pec Low	103.00	W
Dpc Low	9.30	kPa
Ph Low	4.48	kW
Peh Low	103.00	W
Dph Low	7.50	kPa
Qv Low	770.00	m <sup>3</sup> /h
Lw inlet+rad Low	58	dB(A)
Lw outlet duct Low	57	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	2.96	kW
Pc Med	3.66	kW
Pec Med	149.00	W
Dpc Medium	11.70	kPa
Ph Med	5.16	kW
Peh Med	149.00	W
Dph Medium	9.50	kPa
Qv Med	920.00	m <sup>3</sup> /h
Lw inlet+rad Med	62	dB(A)
Lw outlet duct Med	62	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	3.18	kW
Pc High	3.93	kW
Pec High	187.00	W
Dpc High	13.30	kPa
Ph High	5.59	kW
Peh High	187.00	W
Dph High	10.90	kPa
Qv High	1020.00	m <sup>3</sup> /h
Lw inlet+rad High	65	dB(A)
Lw outlet duct High	65	dB(A)
ESP High	60.00	Pa



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Product	Fan Coil Units / Ventilateurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWH Hstat ECM EUV Ducted
Product référence	PDWH-24-V-ECM

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	51.21	
Variable Speed Fan	true	
Mounting Base	Built-in Horizontal	
FCEER Class	C	
FCCOP	54.11	
Main Power Supply	230-1-50	
FCCOP Class	C	
L M H	1 2 3	



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FEATURE	VALUE	UNIT
<b>LOW SPEED</b>		
Ps Low	4.35	kW
Pc Low	5.87	kW
Pec Low	107.00	W
Dpc Low	10.30	kPa
Ph Low	6.16	kW
Peh Low	107.00	W
Dph Low	10.00	kPa
Qv Low	1200.00	m <sup>3</sup> /h
Lw inlet+rad Low	59	dB(A)
Lw outlet duct Low	58	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	4.80	kW
Pc Med	6.45	kW
Pec Med	135.00	W
Dpc Medium	12.10	kPa
Ph Med	6.76	kW
Peh Med	135.00	W
Dph Medium	11.70	kPa
Qv Med	1360.00	m <sup>3</sup> /h
Lw inlet+rad Med	62	dB(A)
Lw outlet duct Med	62	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	5.19	kW
Pc High	6.92	kW
Pec High	180.00	W
Dpc High	13.80	kPa
Ph High	7.28	kW
Peh High	180.00	W
Dph High	13.40	kPa
Qv High	1500.00	m <sup>3</sup> /h
Lw inlet+rad High	63	dB(A)
Lw outlet duct High	63	dB(A)
ESP High	60.00	Pa





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Product	Fan Coil Units / Ventilconvecteurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWH Hstat ECM EUV Ducted
Product référence	PDWH-30-V-ECM

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	41.56	
Variable Speed Fan	true	
Mounting Base	Built-in Horizontal	
FCEER Class	C	
FCCOP	44.19	
Main Power Supply	230-1-50	
FCCOP Class	C	
L M H	1 2 3	



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FEATURE	VALUE	UNIT
<b>LOW SPEED</b>		
Ps Low	5.05	kW
Pc Low	6.81	kW
Pec Low	142.00	W
Dpc Low	13.20	kPa
Ph Low	7.12	kW
Peh Low	142.00	W
Dph Low	12.70	kPa
Qv Low	1450.00	m <sup>3</sup> /h
Lw inlet+rad Low	61	dB(A)
Lw outlet duct Low	61	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	5.73	kW
Pc Med	7.62	kW
Pec Med	212.00	W
Dpc Medium	16.30	kPa
Ph Med	8.00	kW
Peh Med	212.00	W
Dph Medium	15.80	kPa
Qv Med	1700.00	m <sup>3</sup> /h
Lw inlet+rad Med	64	dB(A)
Lw outlet duct Med	64	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	6.25	kW
Pc High	8.21	kW
Pec High	310.00	W
Dpc High	18.90	kPa
Ph High	8.72	kW
Peh High	310.00	W
Dph High	18.60	kPa
Qv High	1900.00	m <sup>3</sup> /h
Lw inlet+rad High	67	dB(A)
Lw outlet duct High	67	dB(A)
ESP High	60.00	Pa



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Product	Fan Coil Units / Ventilateurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWH Hstat ECM EUV Ducted
Product référence	PDWH-36-V-ECM

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	41.94	
Variable Speed Fan	true	
Mounting Base	Built-in Horizontal	
FCEER Class	C	
FCCOP	41.96	
Main Power Supply	230-1-50	
FCCOP Class	C	
L M H	1 2 3	



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FEATURE	VALUE	UNIT
<b>LOW SPEED</b>		
Ps Low	6.87	kW
Pc Low	9.43	kW
Pec Low	195.00	W
Dpc Low	31.20	kPa
Ph Low	9.24	kW
Peh Low	195.00	W
Dph Low	27.30	kPa
Qv Low	1700.00	m <sup>3</sup> /h
Lw inlet+rad Low	67	dB(A)
Lw outlet duct Low	67	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	7.69	kW
Pc Med	10.40	kW
Pec Med	297.00	W
Dpc Medium	37.70	kPa
Ph Med	10.30	kW
Peh Med	297.00	W
Dph Medium	33.20	kPa
Qv Med	1950.00	m <sup>3</sup> /h
Lw inlet+rad Med	70	dB(A)
Lw outlet duct Med	70	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	8.32	kW
Pc High	11.24	kW
Pec High	362.00	W
Dpc High	43.10	kPa
Ph High	11.20	kW
Peh High	362.00	W
Dph High	38.60	kPa
Qv High	2150.00	m <sup>3</sup> /h
Lw inlet+rad High	71	dB(A)
Lw outlet duct High	72	dB(A)
ESP High	60.00	Pa





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Product	Fan Coil Units / Ventilateurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWH Hstat ECM EUV Ducted
Product référence	PDWH-48-V-ECM

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	48.79	
Variable Speed Fan	true	
Mounting Base	Built-in Horizontal	
FCEER Class	C	
FCCOP	51.95	
Main Power Supply	230-1-50	
FCCOP Class	C	
L M H	1 2 3	



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FEATURE	VALUE	UNIT
<b>LOW SPEED</b>		
Ps Low	8.12	kW
Pc Low	11.01	kW
Pec Low	193.00	W
Dpc Low	12.10	kPa
Ph Low	11.50	kW
Peh Low	193.00	W
Dph Low	11.60	kPa
Qv Low	2270.00	m <sup>3</sup> /h
Lw inlet+rad Low	66	dB(A)
Lw outlet duct Low	63	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	9.26	kW
Pc Med	12.41	kW
Pec Med	295.00	W
Dpc Medium	15.10	kPa
Ph Med	13.07	kW
Peh Med	295.00	W
Dph Medium	14.70	kPa
Qv Med	2680.00	m <sup>3</sup> /h
Lw inlet+rad Med	68	dB(A)
Lw outlet duct Med	65	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	9.80	kW
Pc High	12.95	kW
Pec High	446.00	W
Dpc High	16.70	kPa
Ph High	13.80	kW
Peh High	446.00	W
Dph High	16.50	kPa
Qv High	2880.00	m <sup>3</sup> /h
Lw inlet+rad High	69	dB(A)
Lw outlet duct High	66	dB(A)
ESP High	58.00	Pa



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Product	Fan Coil Units / Ventilconvecteurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWH Hstat ECM EUV Ducted
Product référence	PDWH-60-V-ECM

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	45.25	
Variable Speed Fan	true	
Mounting Base	Built-in Horizontal	
FCEER Class	C	
FCCOP	53.76	
Main Power Supply	230-1-50	
FCCOP Class	C	
L M H	1 2 3	



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FEATURE	VALUE	UNIT
<b>LOW SPEED</b>		
Ps Low	10.10	kW
Pc Low	14.20	kW
Pec Low	263.00	W
Dpc Low	24.60	kPa
Ph Low	16.50	kW
Peh Low	263.00	W
Dph Low	20.10	kPa
Qv Low	2400.00	m <sup>3</sup> /h
Lw inlet+rad Low	67	dB(A)
Lw outlet duct Low	67	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	11.70	kW
Pc Med	16.50	kW
Pec Med	453.00	W
Dpc Medium	31.70	kPa
Ph Med	19.20	kW
Peh Med	453.00	W
Dph Medium	26.00	kPa
Qv Med	2880.00	m <sup>3</sup> /h
Lw inlet+rad Med	70	dB(A)
Lw outlet duct Med	72	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	12.70	kW
Pc High	17.80	kW
Pec High	524.00	W
Dpc High	36.30	kPa
Ph High	20.90	kW
Peh High	524.00	W
Dph High	29.90	kPa
Qv High	3180.00	m <sup>3</sup> /h
Lw inlet+rad High	72	dB(A)
Lw outlet duct High	73	dB(A)
ESP High	60.00	Pa





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Product	Fan Coil Units / Ventilconvecteurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWH Hstat ECM EUV Ducted
Product référence	PDWH-75-V-ECM

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	50.74	
Variable Speed Fan	true	
Mounting Base	Built-in Horizontal	
FCEER Class	C	
FCCOP	60.71	
Main Power Supply	230-1-50	
FCCOP Class	B	
L M H	1 2 3	



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FEATURE	VALUE	UNIT
<b>LOW SPEED</b>		
Ps Low	10.80	kW
Pc Low	15.00	kW
Pec Low	278.00	W
Dpc Low	15.80	kPa
Ph Low	17.80	kW
Peh Low	278.00	W
Dph Low	14.70	kPa
Qv Low	2600.00	m <sup>3</sup> /h
Lw inlet+rad Low	68	dB(A)
Lw outlet duct Low	65	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	12.50	kW
Pc Med	17.20	kW
Pec Med	353.00	W
Dpc Medium	16.70	kPa
Ph Med	20.60	kW
Peh Med	353.00	W
Dph Medium	15.20	kPa
Qv Med	3100.00	m <sup>3</sup> /h
Lw inlet+rad Med	71	dB(A)
Lw outlet duct Med	68	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	13.80	kW
Pc High	19.00	kW
Pec High	520.00	W
Dpc High	19.70	kPa
Ph High	22.80	kW
Peh High	520.00	W
Dph High	17.80	kPa
Qv High	3500.00	m <sup>3</sup> /h
Lw inlet+rad High	74	dB(A)
Lw outlet duct High	71	dB(A)
ESP High	62.00	Pa