



# PRODUCT PERFORMANCE RATING

Document ID 072120201018-11195195

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 / Ventilconvecteurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-200B-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	42.35	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	C	
FCCOP	37.08	
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	1.80	kW
Pc Low	2.52	kW
Pec Low	58.00	W
Dpc Low	19.58	kPa
Ph Low	2.20	kW
Peh Low	58.00	W
Dph Low	12.90	kPa
Qv Low	401.00	m <sup>3</sup> /h
Lw inlet+rad Low	54	dB(A)
Lw outlet duct Low	52	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	1.91	kW
Pc Med	2.66	kW
Pec Med	66.00	W
Dpc Medium	21.42	kPa
Ph Med	2.32	kW
Peh Med	66.00	W
Dph Medium	14.20	kPa
Qv Med	429.00	m <sup>3</sup> /h
Lw inlet+rad Med	58	dB(A)
Lw outlet duct Med	56	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	2.03	kW
Pc High	2.82	kW
Pec High	67.00	W
Dpc High	23.60	kPa
Ph High	2.43	kW
Peh High	67.00	W
Dph High	15.40	kPa
Qv High	463.00	m <sup>3</sup> /h
Lw inlet+rad High	59	dB(A)
Lw outlet duct High	57	dB(A)
ESP High	58.00	Pa



# PRODUCT PERFORMANCE RATING

Document ID 072120201018-11195081

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Product	Fan Coil Units / Ventilateurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-300-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	40.82	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	C	
FCCOP	36.39	
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	2.25	kW
Pc Low	3.17	kW
Pec Low	78.00	W
Dpc Low	32.50	kPa
Ph Low	2.82	kW
Peh Low	78.00	W
Dph Low	22.40	kPa
Qv Low	524.00	m <sup>3</sup> /h
Lw inlet+rad Low	57	dB(A)
Lw outlet duct Low	55	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	2.34	kW
Pc Med	3.29	kW
Pec Med	80.00	W
Dpc Medium	34.68	kPa
Ph Med	2.95	kW
Peh Med	80.00	W
Dph Medium	24.10	kPa
Qv Med	553.00	m <sup>3</sup> /h
Lw inlet+rad Med	60	dB(A)
Lw outlet duct Med	58	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	2.42	kW
Pc High	3.39	kW
Pec High	82.00	W
Dpc High	36.47	kPa
Ph High	3.04	kW
Peh High	82.00	W
Dph High	25.50	kPa
Qv High	574.00	m <sup>3</sup> /h
Lw inlet+rad High	61	dB(A)
Lw outlet duct High	59	dB(A)
ESP High	54.00	Pa





# PRODUCT PERFORMANCE RATING

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Product	Fan Coil Units / Ventilconvecteurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-400-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	33.54	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	D	
FCCOP	30.57	
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	2.72	kW
Pc Low	3.79	kW
Pec Low	116.00	W
Dpc Low	16.27	kPa
Ph Low	3.47	kW
Peh Low	116.00	W
Dph Low	11.70	kPa
Qv Low	656.00	m <sup>3</sup> /h
Lw inlet+rad Low	55	dB(A)
Lw outlet duct Low	53	dB(A)
ESP Low	30.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	3.03	kW
Pc Med	4.19	kW
Pec Med	120.00	W
Dpc Medium	19.29	kPa
Ph Med	3.82	kW
Peh Med	120.00	W
Dph Medium	13.80	kPa
Qv Med	746.00	m <sup>3</sup> /h
Lw inlet+rad Med	61	dB(A)
Lw outlet duct Med	59	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	3.15	kW
Pc High	4.34	kW
Pec High	120.00	W
Dpc High	20.51	kPa
Ph High	3.98	kW
Peh High	120.00	W
Dph High	14.80	kPa
Qv High	784.00	m <sup>3</sup> /h
Lw inlet+rad High	63	dB(A)
Lw outlet duct High	61	dB(A)
ESP High	59.00	Pa



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Product	Fan Coil Units / Ventilconvecteurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-500-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	39.07	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	D	
FCCOP	35.23	
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	3.14	kW
Pc Low	4.43	kW
Pec Low	117.00	W
Dpc Low	23.40	kPa
Ph Low	3.99	kW
Peh Low	117.00	W
Dph Low	16.50	kPa
Qv Low	749.00	m <sup>3</sup> /h
Lw inlet+rad Low	57	dB(A)
Lw outlet duct Low	55	dB(A)
ESP Low	32.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	3.60	kW
Pc Med	5.02	kW
Pec Med	122.00	W
Dpc Medium	28.90	kPa
Ph Med	4.60	kW
Peh Med	122.00	W
Dph Medium	21.00	kPa
Qv Med	892.00	m <sup>3</sup> /h
Lw inlet+rad Med	62	dB(A)
Lw outlet duct Med	60	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	3.69	kW
Pc High	5.13	kW
Pec High	123.00	W
Dpc High	30.04	kPa
Ph High	4.67	kW
Peh High	123.00	W
Dph High	21.60	kPa
Qv High	913.00	m <sup>3</sup> /h
Lw inlet+rad High	63	dB(A)
Lw outlet duct High	61	dB(A)
ESP High	55.00	Pa





# PRODUCT PERFORMANCE RATING

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Product	Fan Coil Units / Ventilconvecteurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-600-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	33.19	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	D	
FCCOP	31.36	
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	3.74	kW
Pc Low	5.30	kW
Pec Low	163.00	W
Dpc Low	34.82	kPa
Ph Low	5.03	kW
Peh Low	163.00	W
Dph Low	27.00	kPa
Qv Low	953.00	m <sup>3</sup> /h
Lw inlet+rad Low	60	dB(A)
Lw outlet duct Low	58	dB(A)
ESP Low	39.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	4.05	kW
Pc Med	5.70	kW
Pec Med	166.00	W
Dpc Medium	39.41	kPa
Ph Med	5.38	kW
Peh Med	166.00	W
Dph Medium	30.20	kPa
Qv Med	1051.00	m <sup>3</sup> /h
Lw inlet+rad Med	63	dB(A)
Lw outlet duct Med	61	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	4.16	kW
Pc High	5.84	kW
Pec High	167.00	W
Dpc High	41.16	kPa
Ph High	5.52	kW
Peh High	167.00	W
Dph High	31.60	kPa
Qv High	1085.00	m <sup>3</sup> /h
Lw inlet+rad High	65	dB(A)
Lw outlet duct High	63	dB(A)
ESP High	62.00	Pa



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Product	Fan Coil Units / Ventilateurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-800-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	38.72	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	D	
FCCOP	32.90	
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	5.18	kW
Pc Low	7.35	kW
Pec Low	194.00	W
Dpc Low	37.00	kPa
Ph Low	6.26	kW
Peh Low	194.00	W
Dph Low	23.80	kPa
Qv Low	1146.00	m <sup>3</sup> /h
Lw inlet+rad Low	58	dB(A)
Lw outlet duct Low	56	dB(A)
ESP Low	31.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	5.78	kW
Pc Med	8.13	kW
Pec Med	203.00	W
Dpc Medium	43.94	kPa
Ph Med	6.94	kW
Peh Med	203.00	W
Dph Medium	28.40	kPa
Qv Med	1310.00	m <sup>3</sup> /h
Lw inlet+rad Med	63	dB(A)
Lw outlet duct Med	61	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	5.98	kW
Pc High	8.39	kW
Pec High	204.00	W
Dpc High	46.30	kPa
Ph High	7.13	kW
Peh High	204.00	W
Dph High	29.80	kPa
Qv High	1363.00	m <sup>3</sup> /h
Lw inlet+rad High	64	dB(A)
Lw outlet duct High	62	dB(A)
ESP High	56.00	Pa





# PRODUCT PERFORMANCE RATING

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Product	Fan Coil Units / Ventilateurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-1000-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	37.53	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	D	
FCCOP	35.02	
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	5.70	kW
Pc Low	7.95	kW
Pec Low	216.00	W
Dpc Low	14.86	kPa
Ph Low	7.42	kW
Peh Low	216.00	W
Dph Low	11.10	kPa
Qv Low	1413.00	m <sup>3</sup> /h
Lw inlet+rad Low	61	dB(A)
Lw outlet duct Low	59	dB(A)
ESP Low	35.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	6.15	kW
Pc Med	8.53	kW
Pec Med	220.00	W
Dpc Medium	16.75	kPa
Ph Med	8.02	kW
Peh Med	220.00	W
Dph Medium	12.70	kPa
Qv Med	1554.00	m <sup>3</sup> /h
Lw inlet+rad Med	65	dB(A)
Lw outlet duct Med	63	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	6.31	kW
Pc High	8.74	kW
Pec High	222.00	W
Dpc High	17.45	kPa
Ph High	8.23	kW
Peh High	222.00	W
Dph High	13.30	kPa
Qv High	1611.00	m <sup>3</sup> /h
Lw inlet+rad High	67	dB(A)
Lw outlet duct High	65	dB(A)
ESP High	52.00	Pa



# PRODUCT PERFORMANCE RATING

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Product	Fan Coil Units / Ventilconvecteurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-1200-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	31.84	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	D	
FCCOP	29.50	
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	6.95	kW
Pc Low	9.67	kW
Pec Low	307.00	W
Dpc Low	22.00	kPa
Ph Low	8.96	kW
Peh Low	307.00	W
Dph Low	16.30	kPa
Qv Low	1767.00	m <sup>3</sup> /h
Lw inlet+rad Low	63	dB(A)
Lw outlet duct Low	61	dB(A)
ESP Low	40.00	Pa



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Document ID 072120201018-11195087

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)**

FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	7.27	kW
Pc Med	10.06	kW
Pec Med	310.00	W
Dpc Medium	23.52	kPa
Ph Med	9.36	kW
Peh Med	310.00	W
Dph Medium	17.60	kPa
Qv Med	1871.00	m <sup>3</sup> /h
Lw inlet+rad Med	66	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	7.39	kW
Pc High	10.21	kW
Pec High	314.00	W
Dpc High	24.15	kPa
Ph High	9.52	kW
Peh High	314.00	W
Dph High	18.10	kPa
Qv High	1915.00	m <sup>3</sup> /h
Lw inlet+rad High	69	dB(A)
Lw outlet duct High	67	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	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-1400-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	35.18	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	D	
FCCOP	32.65	
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	8.77	kW
Pc Low	12.27	kW
Pec Low	345.00	W
Dpc Low	39.38	kPa
Ph Low	11.40	kW
Peh Low	345.00	W
Dph Low	29.40	kPa
Qv Low	2247.00	m <sup>3</sup> /h
Lw inlet+rad Low	61	dB(A)
Lw outlet duct Low	59	dB(A)
ESP Low	43.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	9.25	kW
Pc Med	12.86	kW
Pec Med	365.00	W
Dpc Medium	42.65	kPa
Ph Med	11.90	kW
Peh Med	365.00	W
Dph Medium	31.60	kPa
Qv Med	2374.00	m <sup>3</sup> /h
Lw inlet+rad Med	65	dB(A)
Lw outlet duct Med	63	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	9.55	kW
Pc High	13.25	kW
Pec High	430.00	W
Dpc High	44.88	kPa
Ph High	12.20	kW
Peh High	430.00	W
Dph High	33.40	kPa
Qv High	2477.00	m <sup>3</sup> /h
Lw inlet+rad High	69	dB(A)
Lw outlet duct High	67	dB(A)
ESP High	60.00	Pa



# PRODUCT PERFORMANCE RATING

Document ID 072120201018-11195197

Issued on 21 July 2020

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**Certificate N° 11.12.003**

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Product	Fan Coil Units / Ventilateurs (FCU)
Product type	Ducted / 2 pipes/ Cooling and heating
Brand	POLAR AIR
Range	PDWA LStat AMV Ducted
Product référence	PDWA(3R)-1600B-V

This performance certificate is delivered for the following project:

Project Name	Company	Project reference	Project location

FEATURE	VALUE	UNIT
<b>GENERAL</b>		
FCEER	32.32	
Variable Speed Fan	false	
Mounting Base	Built-in Horizontal	
FCEER Class	D	
FCCOP	32.20	
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	10.25	kW
Pc Low	14.40	kW
Pec Low	424.00	W
Dpc Low	56.14	kPa
Ph Low	14.30	kW
Peh Low	424.00	W
Dph Low	47.20	kPa
Qv Low	2912.00	m <sup>3</sup> /h
Lw inlet+rad Low	66	dB(A)
Lw outlet duct Low	64	dB(A)
ESP Low	39.00	Pa



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FEATURE	VALUE	UNIT
<b>MEDIUM SPEED</b>		
Ps Medium	10.62	kW
Pc Med	14.85	kW
Pec Med	494.00	W
Dpc Medium	59.20	kPa
Ph Med	14.60	kW
Peh Med	494.00	W
Dph Medium	49.10	kPa
Qv Med	3019.00	m <sup>3</sup> /h
Lw inlet+rad Med	68	dB(A)
Lw outlet duct Med	66	dB(A)
ESP Med	50.00	Pa



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FEATURE	VALUE	UNIT
<b>HIGH SPEED</b>		
Ps High	11.14	kW
Pc High	15.54	kW
Pec High	554.00	W
Dpc High	63.92	kPa
Ph High	15.30	kW
Peh High	554.00	W
Dph High	52.90	kPa
Qv High	3198.00	m <sup>3</sup> /h
Lw inlet+rad High	70	dB(A)
Lw outlet duct High	68	dB(A)
ESP High	57.00	Pa