OMI

Технические характеристики

Рефрижераторные осушители

OMI ED

TECHNICAL DATA SHEET

REFRIGERATED COMPRESSED AIR DRYER

MODEL: **ED 2700 400/3/50**

		Rated capacity*	
Flow rate	m³/h	2700	
	l/min	45000	
	cfm	1589,2	
Inlet air temperature	°C / °F	35 / 95	(Max 55 / 131)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 45 / 113)
Working pressure	bar / psi	7,0 / 101,5	(Max 16 / 232)
Pressure drop	bar / psi	0,3 / 4,35	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	3 / 37	
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated power consumption	kW	4,99	(Max 7,44)
Rated adsorption	A	9,33	(Max 13)
Lock Rotor Ampere	A	87	
Weight	Kg / Lbs	351 / 774	
Air connections	IN/OUT	DN 100 PN16	
Coolant type	Freon	**R407C**	

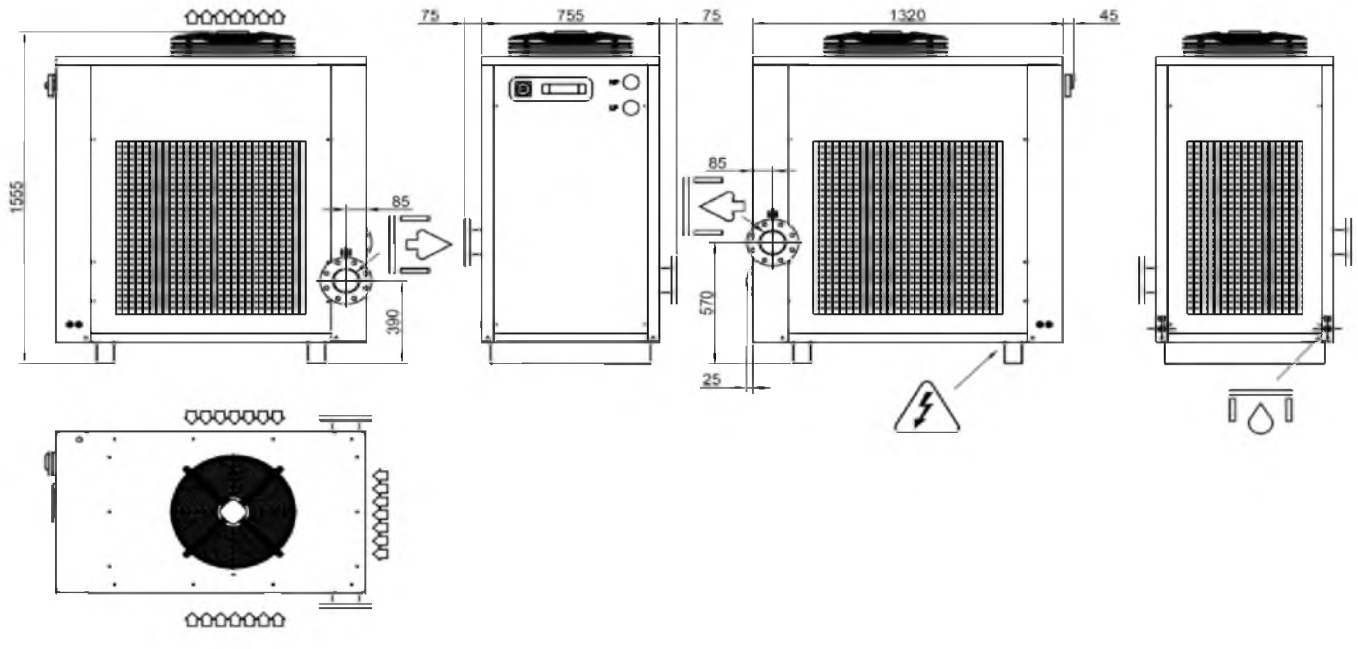
Standard features

Control panel:	*Electronic system type*	***Separator type:***	*Demister type*
Condenser cooling:	*Air cooled*	***Compressor type:***	*Hermetic type*
Ventilator motor:	*Suction fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube + by-pass*	***Electric protection:***	*IP 42*

* ***Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 psig), and the following operating conditions: 7 bar (100 psig) working pressure, 3°C (37°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.***

Performances & specifications: +/- 5%

	Air in		Power supply		Air flow
	Air out		Condensate outlet		



TECHNICAL DATA SHEET

REFRIGERATED COMPRESSED AIR DRYER

MODEL: **ED 3600 400/3/50**

		Rated capacity*	
Flow rate	m³/h	3600	
	l/min	60000	
	cfm	2118,9	
Inlet air temperature	°C / °F	35 / 95	(Max 55 / 131)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 45 / 113)
Working pressure	bar / psi	7,0 / 101,5	(Max 16 / 232)
Pressure drop	bar / psi	0,3 / 4,35	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	3 / 37	
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated power consumption	kW	6,29	(Max 9,81)
Rated adsorption	A	12,5	(Max 16,9)
Lock Rotor Ampere	A	130	
Weight	Kg / Lbs	560 / 1.235	
Air connections	IN/OUT	DN 125 PN16	
Coolant type	Freon	**R407C**	

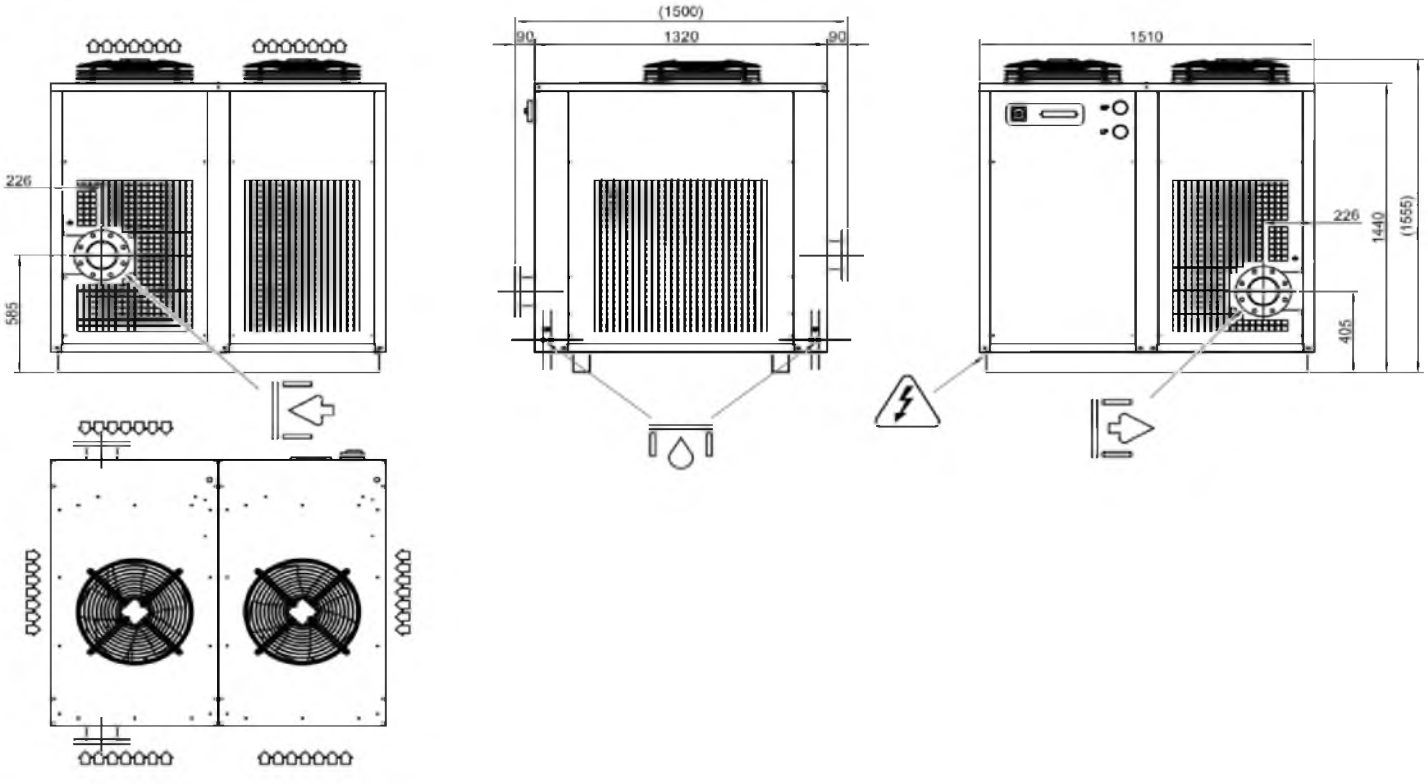
Standard features

Control panel:	*Electronic system type*	***Separator type:***	*Demister type*
Condenser cooling:	*Air cooled*	***Compressor type:***	*Hermetic type*
Ventilator motor:	*Suction fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube + by-pass*	***Electric protection:***	*IP 42*

* ***Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 psig), and the following operating conditions: 7 bar (100 psig) working pressure, 3°C (37°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.***

Performances & specifications: +/- 5%

	Air in		Power supply		Air flow
	Air out		Condensate outlet		



TECHNICAL DATA SHEET

REFRIGERATED COMPRESSED AIR DRYER

MODEL: **ED 4200 400/3/50**

		Rated capacity*	
Flow rate	m³/h	4200	
	l/min	70000	
	cfm	2472,0	
Inlet air temperature	°C / °F	35 / 95	(Max 55 / 131)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 45 / 113)
Working pressure	bar / psi	7,0 / 101,5	(Max 16 / 232)
Pressure drop	bar / psi	0,29 / 4,21	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	3 / 37	
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated power consumption	kW	7,29	(Max 11,42)
Rated adsorption	A	14,5	(Max 19,6)
Lock Rotor Ampere	A	130	
Weight	Kg / Lbs	590 / 1.301	
Air connections	IN/OUT	DN 125 PN16	
Coolant type	Freon	**R407C**	

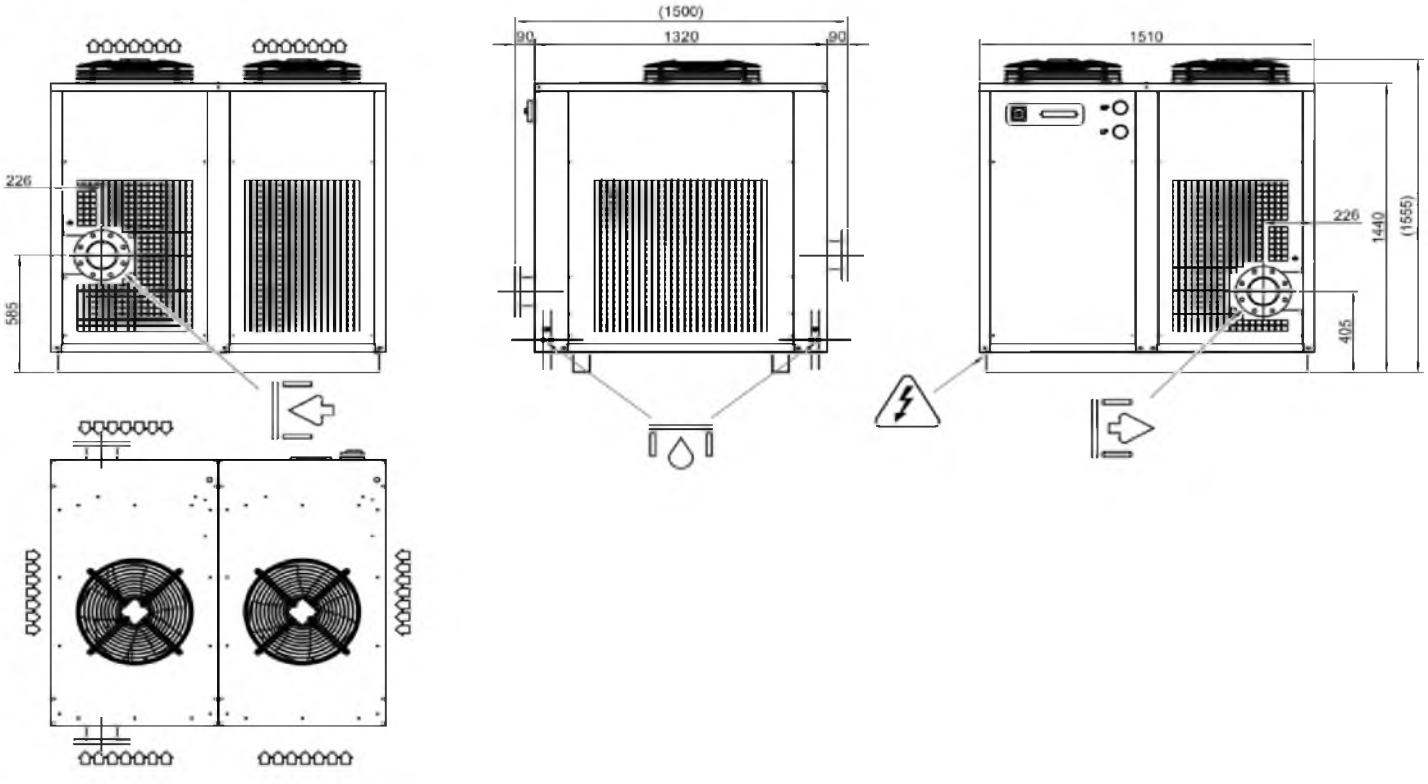
Standard features

Control panel:	*Electronic system type*	***Separator type:***	*Demister type*
Condenser cooling:	*Air cooled*	***Compressor type:***	*Hermetic type*
Ventilator motor:	*Suction fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube + by-pass*	***Electric protection:***	*IP 42*

* ***Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 psig), and the following operating conditions: 7 bar (100 psig) working pressure, 3°C (37°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.***

Performances & specifications: +/- 5%

	Air in		Power supply		Air flow
	Air out		Condensate outlet		



TECHNICAL DATA SHEET

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08L.5300AG0.00B0
Rev 5A Pg 1/1

REFRIGERATED COMPRESSED AIR DRYER

MODEL: **ED 5300 400/3/50**

		Rated capacity*	
Flow rate	m³/h	5300	
	l/min	88333	
	cfm	3119,5	
Inlet air temperature	°C / °F	35 / 95	(Max 55 / 131)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 45 / 113)
Working pressure	bar / psi	7,0 / 101,5	(Max 16 / 232)
Pressure drop	bar / psi	0,3 / 4,35	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	3 / 37	
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated power consumption	kW	9,52	(Max 15,14)
Rated adsorption	A	17,6	(Max 24,9)
Lock Rotor Ampere	A	145	
Weight	Kg / Lbs	665 / 1.466	
Air connections	IN/OUT	DN 150 PN16	
Coolant type	Freon	**R407C**	

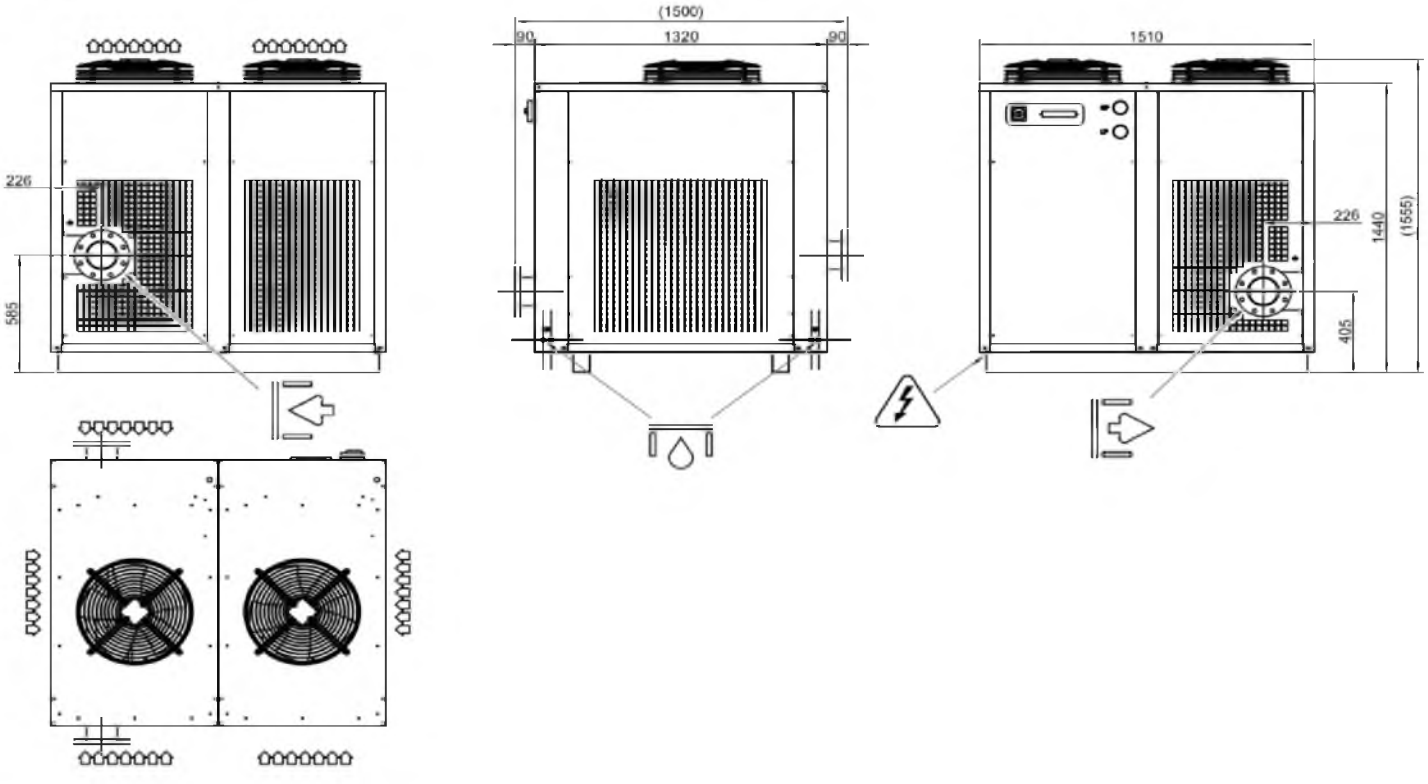
Standard features

Control panel:	*Electronic system type*	***Separator type:***	*Demister type*
Condenser cooling:	*Air cooled*	***Compressor type:***	*Hermetic type*
Ventilator motor:	*Suction fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube + by-pass*	***Electric protection:***	*IP 42*

* ***Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 psig), and the following operating conditions: 7 bar (100 psig) working pressure, 3°C (37°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.***

Performances & specifications: +/- 5%

	Air in		Power supply		Air flow
	Air out		Condensate outlet		



TECHNICAL DATA SHEET

REFRIGERATED COMPRESSED AIR DRYER

MODEL: **ED 6000 400/3/50**

		Rated capacity*	
Flow rate	m³/h	6000	
	l/min	100000	
	cfm	3531,5	
Inlet air temperature	°C / °F	35 / 95	(Max 55 / 131)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 45 / 113)
Working pressure	bar / psi	7,0 / 101,5	(Max 16 / 232)
Pressure drop	bar / psi	0,28 / 4,06	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	3 / 37	
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated power consumption	kW	9,52	(Max 15,14)
Rated adsorption	A	17,6	(Max 24,9)
Lock Rotor Ampere	A	145	
Weight	Kg / Lbs	700 / 1.544	
Air connections	IN/OUT	DN 150 PN16	
Coolant type	Freon	**R407C**	

Standard features

Control panel:	*Electronic system type*	***Separator type:***	*Demister type*
Condenser cooling:	*Air cooled*	***Compressor type:***	*Hermetic type*
Ventilator motor:	*Suction fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube + by-pass*	***Electric protection:***	*IP 42*

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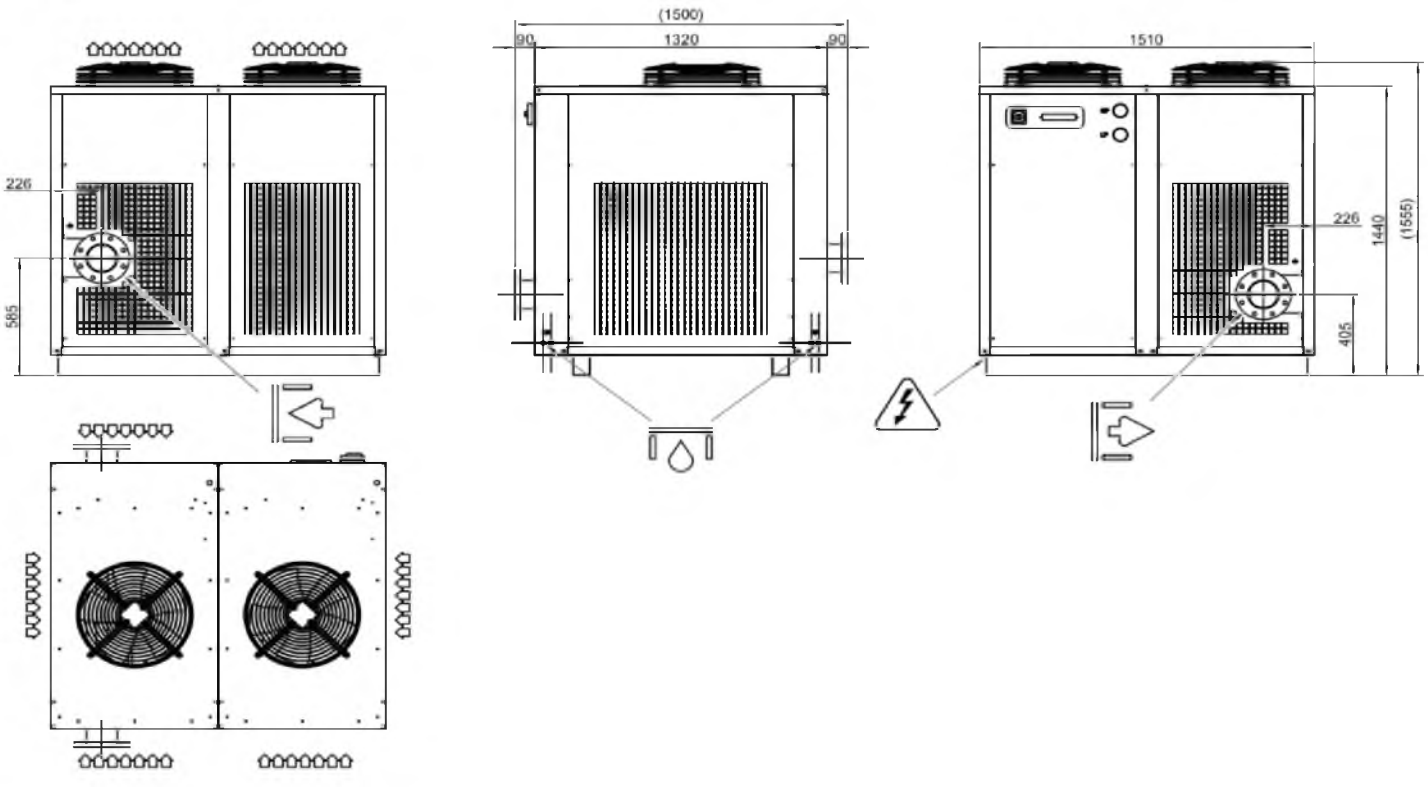
Performances & specifications: +/- 5%

	Air in		Power supply		Air flow
	Air out		Condensate outlet		



TECHNICAL DATA SHEET

REFRIGERATED COMPRESSED AIR DRYER

MODEL: **ED6800 400/3/50**

		Rated capacity*	
Flow rate	m³/h	6800	
	l/min	113333	
	cfm	4002,3	
Inlet air temperature	°C / °F	35 / 95	(Max 55 / 131)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 45 / 113)
Working pressure	bar / psi	7,0 / 101,5	(Max 16 / 232)
Pressure drop	bar / psi	0,3 / 4,35	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	3 / 37	
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated power consumption	kW	10,99	(Max 17,34)
Rated adsorption	A	20,69	(Max 29,25)
Lock Rotor Ampere	A	175	
Weight	Kg / Lbs	715 / 1.577	
Air connections	IN/OUT	DN 150 PN16	
Coolant type	Freon	**R407C**	

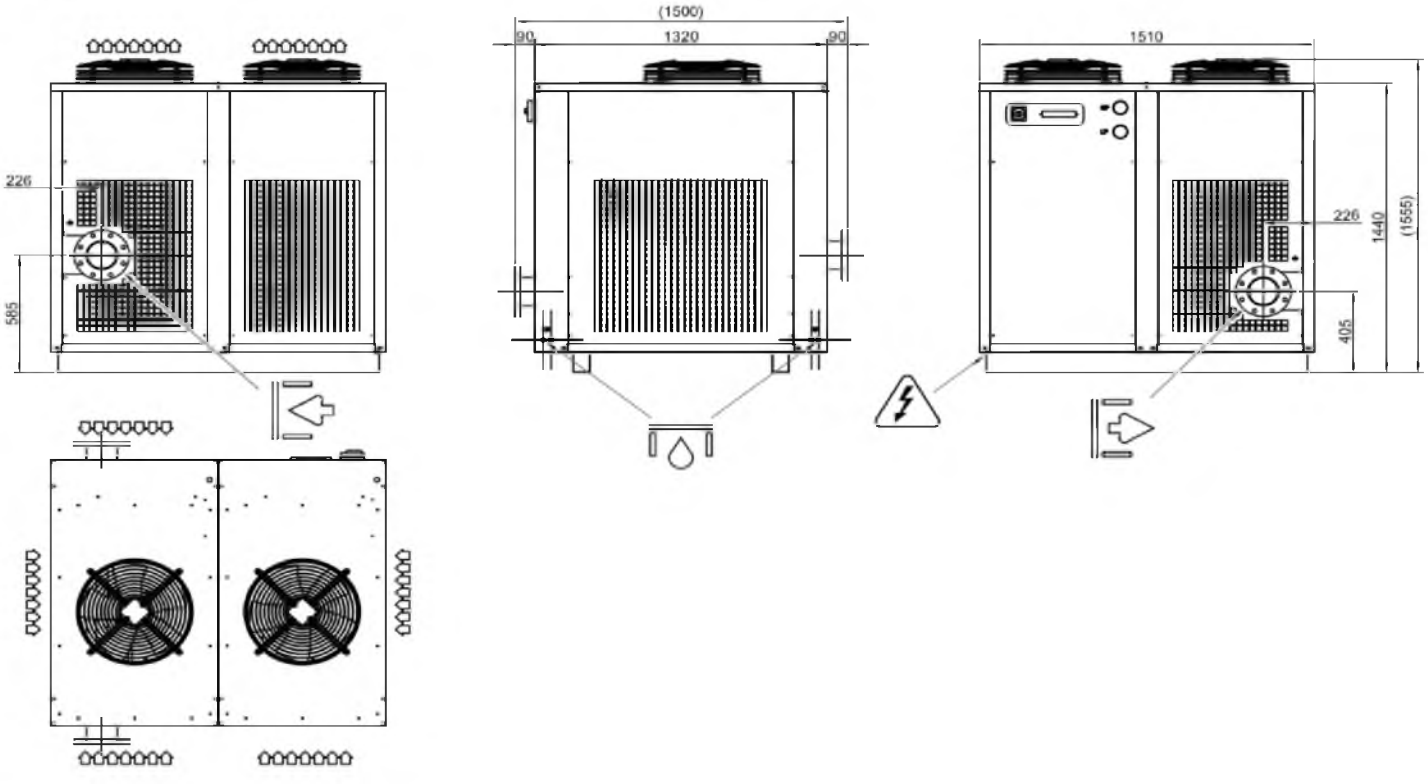
Standard features

Control panel:	*Electronic system type*	***Separator type:***	*Demister type*
Condenser cooling:	*Air cooled*	***Compressor type:***	*Hermetic type*
Ventilator motor:	*Suction fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube + by-pass*	***Electric protection:***	*IP 42*

* ***Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 psig), and the following operating conditions: 7 bar (100 psig) working pressure, 3°C (37°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.***

Performances & specifications: +/- 5%

	Air in		Power supply		Air flow
	Air out		Condensate outlet		



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