OMI

Технические характеристики

Рефрижераторные осушители

OMI DD DOLOMITE

TECHNICAL DATA SHEET

REFRIGERATED COMPRESSED AIR DRYER

MODEL:

DD 36 230/1/50 [230/1/60]

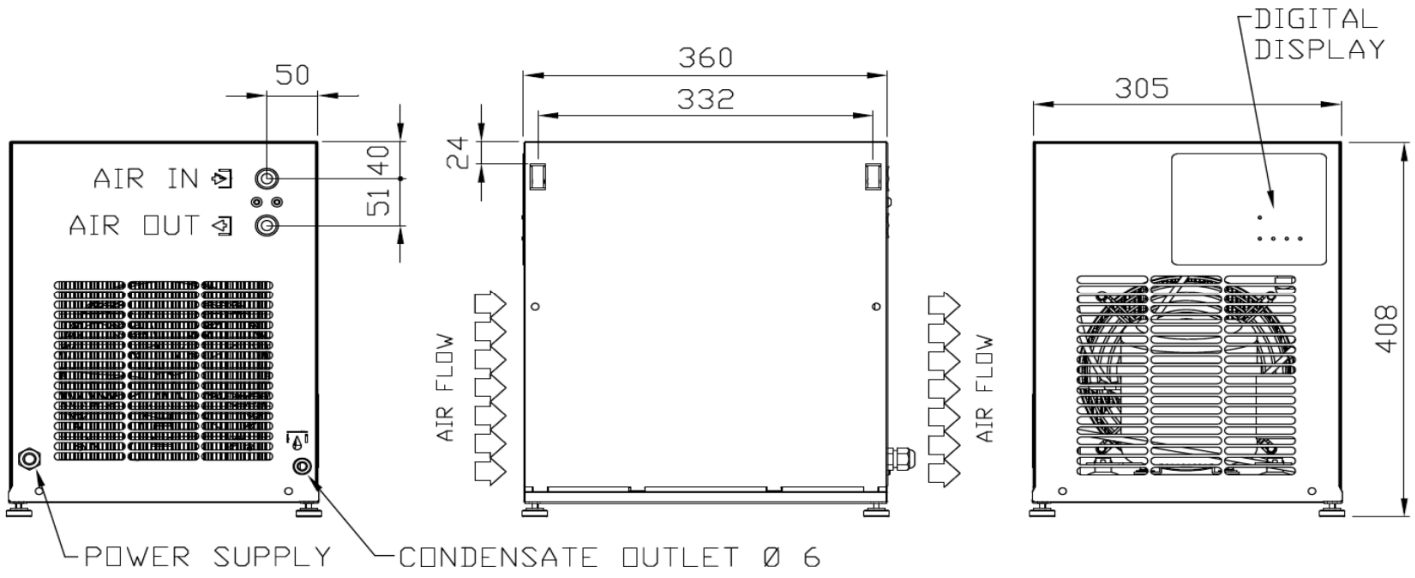
Flow rate	m³/h	36	
	l/min	600	
	cfm	21,2	
Inlet air temperature	°C / °F	35 / 95	(Max 55 / 131)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 45 / 113)
Working pressure	bar / psi	7,0 / 101,50	(Max 16 / 232)
Pressure drop	bar / psi	0,090 / 1,31	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	7 / 45	ISO Class 5
Power supply	V/Ph/Hz	230/1/50 [230/1/60]	(±10% / -- / ±1)
Rated power consumption	kW	0,12 [0,13]	(Max 0,17 [0,19])
Rated adsorption	A	0,9 [0,8]	(Max 1,04 [1,07])
Lock Rotor Ampere	A	8,5 [8]	
Weight	Kg / Lbs	18 / 40	
Air connections	IN/OUT	3/8"BSP	
Coolant type	Freon	**R134a**	

Standard features

Control panel:	*Electronic system type*	***Separator type:***	*Demister type*
Condenser cooling:	*Air cooled*	***Compressor type:***	*Hermetic type*
Ventilator motor:	*Pusher fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube*	***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, 7°C (44.5°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.***

Performances & specifications: +/- 5%



REFRIGERATED COMPRESSED AIR DRYER

MODEL:

DD 144 230/1/50 [230/1/60]

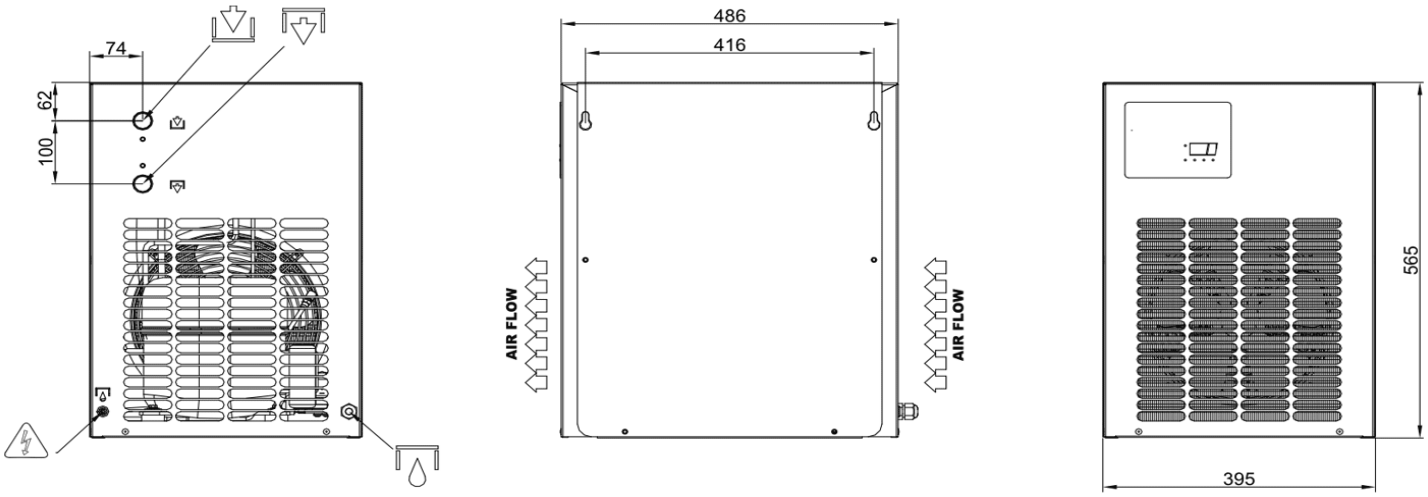
Flow rate	m³/h	144	
	l/min	2400	
	cfm	84,8	
Inlet air temperature	°C / °F	35 / 95	(Max 55 / 131)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 45 / 113)
Working pressure	bar / psi	7,0 / 101,50	(Max 16 / 232)
Pressure drop	bar / psi	0,130 / 1,89	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	7 / 45	ISO Class 5
Power supply	V/Ph/Hz	230/1/50 [230/1/60]	(±10% / -- / ±1)
Rated power consumption	kW	0,41 [0,5]	(Max 0,56 [0,73])
Rated adsorption	A	2,92 [3,01]	(Max 3,56 [3,90])
Lock Rotor Ampere	A	16 [17,6]	
Weight	Kg / Lbs	31 / 68	
Air connections	IN/OUT	3/4"BSP	
Coolant type	Freon	**R134a**	

Standard features

Control panel:	*Electronic system type*	***Separator type:***	*Demister type*
Condenser cooling:	*Air cooled*	***Compressor type:***	*Hermetic type*
Ventilator motor:	*Pusher fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube*	***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, 7°C (44.5°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.***

Performances & specifications: +/- 5%



TECHNICAL DATA SHEET

REFRIGERATED COMPRESSED AIR DRYER

MODEL:

DD 180 230/1/50 [230/1/60]

Flow rate	m³/h	180	
	l/min	3000	
	cfm	106,0	
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 / 101,50	(Max 16 / 232)
Pressure drop	bar / psi	0,210 / 3,05	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	7 / 45	ISO Class 5
Power supply	V/Ph/Hz	230/1/50 [230/1/60]	(±10% / -- / ±1)
Rated power consumption	kW	0,47 [0,57]	(Max 0,62 [73])
Rated adsorption	A	3,2 [3,12]	(Max 3,84 [3,84])
Lock Rotor Ampere	A	18 [20]	
Weight	Kg / Lbs	36 / 79	
Air connections	IN/OUT	3/4"BSP	
Coolant type	Freon	**R134a**	

Standard features

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

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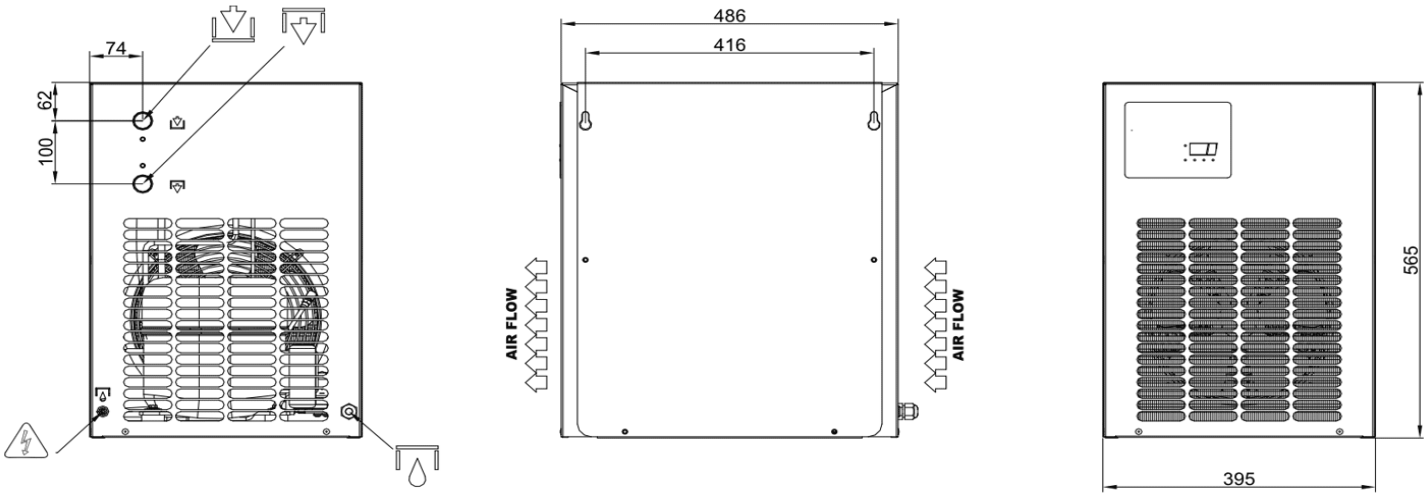
Performances & specifications: +/- 5%



REFRIGERATED COMPRESSED AIR DRYER

MODEL:

DD 216 230/1/50 [230/1/60]

Flow rate	m³/h	216	
	l/min	3600	
	cfm	127,2	
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 / 101,50	(Max 16 / 232)
Pressure drop	bar / psi	0,300 / 4,35	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	7 / 45	ISO Class 5
Power supply	V/Ph/Hz	230/1/50 [230/1/60]	(±10% / -- / ±1)
Rated power consumption	kW	0,61 [0,75]	(Max 0,79 [0,94])
Rated adsorption	A	4,60 [4,70]	(Max 5,39 [5,65])
Lock Rotor Ampere	A	24 [26]	
Weight	Kg / Lbs	40 / 88	
Air connections	IN/OUT	3/4"BSP	
Coolant type	Freon	**R134a**	

Standard features

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

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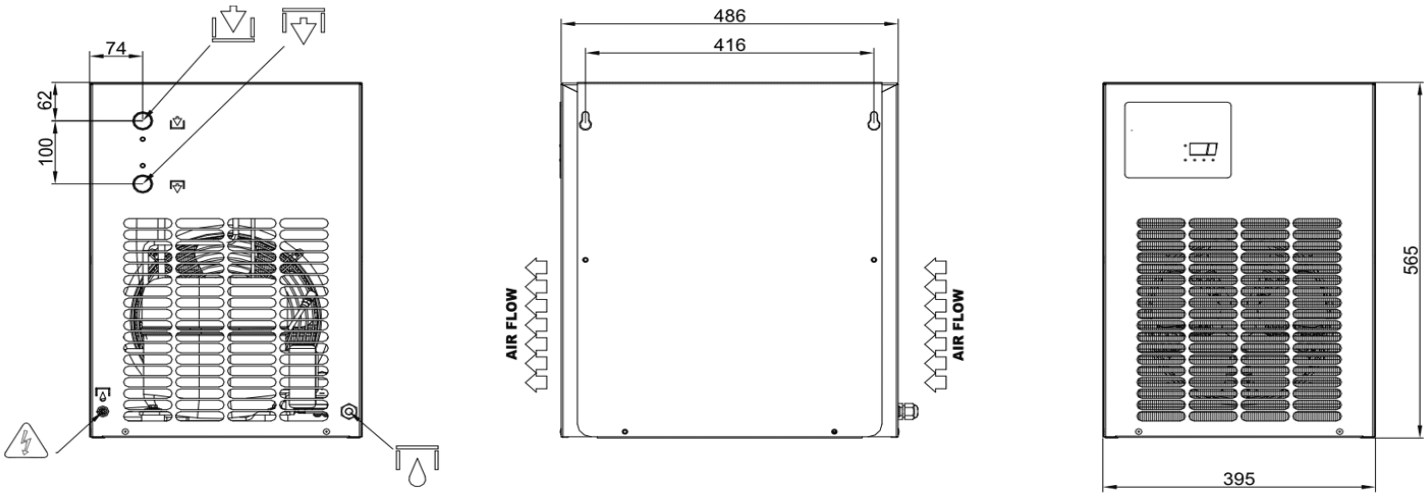
Performances & specifications: +/- 5%



TECHNICAL DATA SHEET

REFRIGERATED COMPRESSED AIR DRYER

MODEL:

DD 280 230/1/50

Flow rate	m³/h	280	
	l/min	4667	
	cfm	164,9	
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 / 101,50	(Max 16 / 232)
Pressure drop	bar / psi	0,260 / 3,77	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	7 / 45	ISO Class 5
Power supply	V/Ph/Hz	230/1/50	(±10% / -- / ±1)
Rated power consumption	kW	0,6	(Max 0,84)
Rated adsorption	A	2,7	(Max 3,82)
Lock Rotor Ampere	A	17	
Weight	Kg / Lbs	59 / 130	
Air connections	IN/OUT	1"BSP	
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:	*Pusher fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube*	***Electric protection:***	*IP 42*

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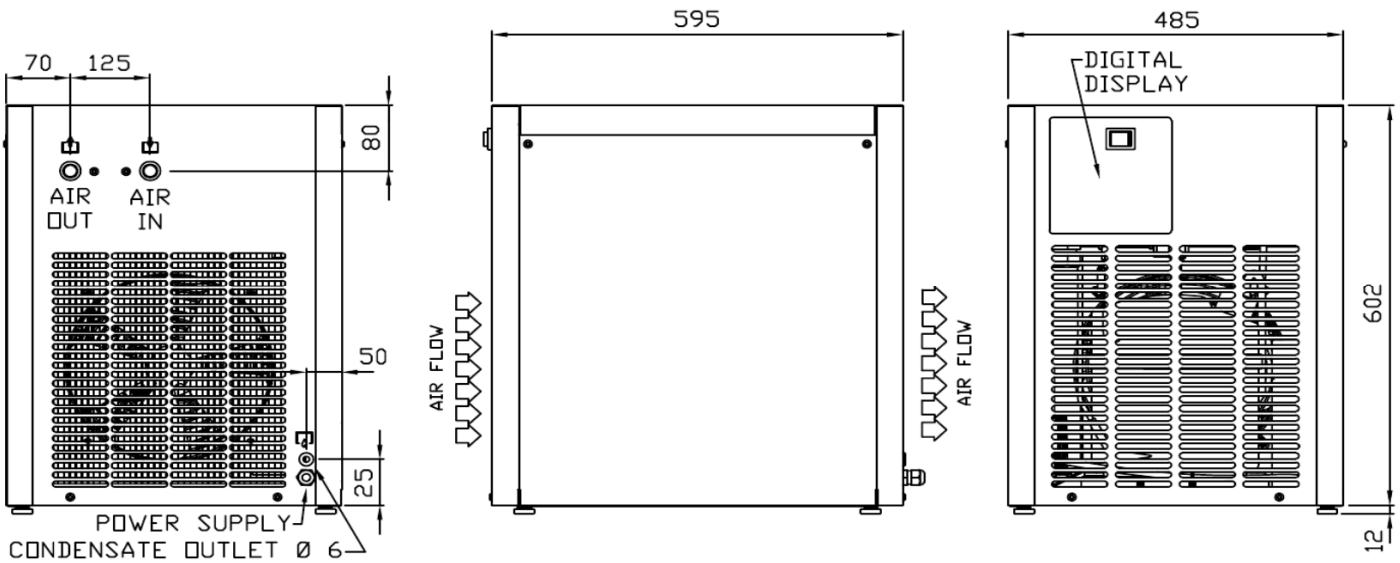

TECHNICAL DATA SHEET

REFRIGERATED COMPRESSED AIR DRYER

MODEL:

DD 340 230/1/50

Flow rate	m³/h	340	
	l/min	5667	
	cfm	200,2	
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 / 101,50	(Max 16 / 232)
Pressure drop	bar / psi	0,300 / 4,35	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	7 / 45	ISO Class 5
Power supply	V/Ph/Hz	230/1/50	(±10% / -- / ±1)
Rated power consumption	kW	0,6	(Max 0,84)
Rated adsorption	A	2,7	(Max 3,82)
Lock Rotor Ampere	A	17	
Weight	Kg / Lbs	60 / 132	
Air connections	IN/OUT	1"BSP	
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:	*Pusher fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*Timed solenoid valve*
Expansion method:	*Capillary tube*	***Electric protection:***	*IP 42*

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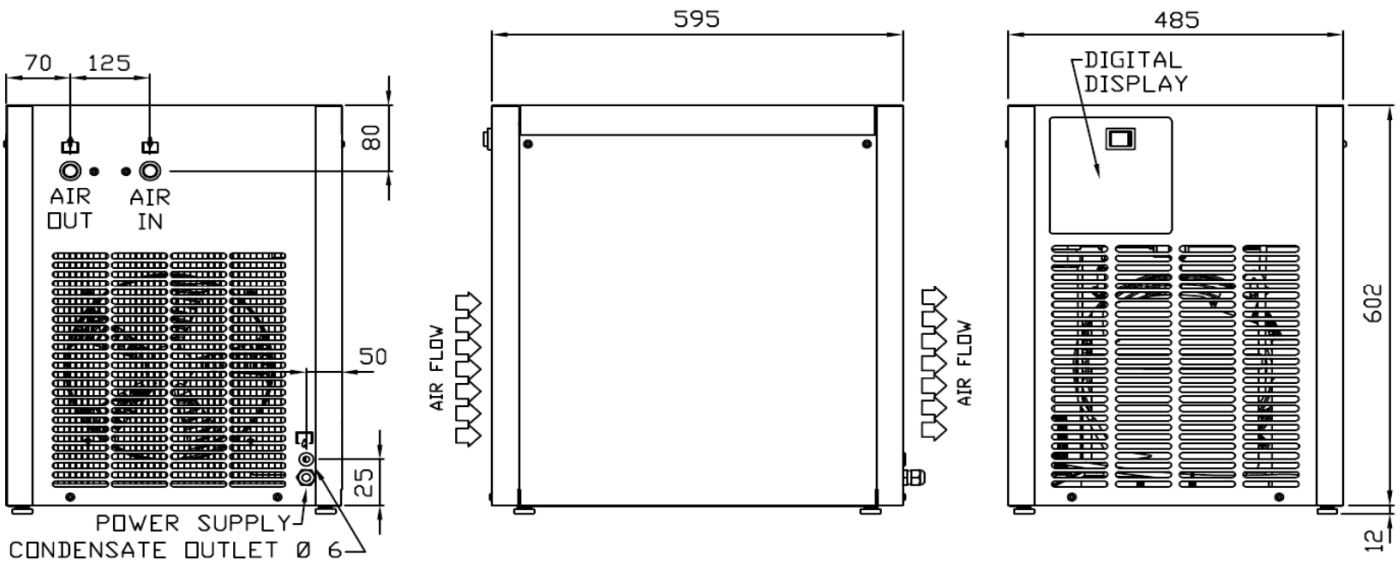

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