TECHNICAL DATA

ACWG

MODEL		ACWG-1	ACWG-2	ACWG-3
Nominal air flow	[kg/min]	90	150	210
Air flow range		60-100%		
Air pressure at unit exhaust	[Pa]	8.000	10.000	10.000
Blower motor power	[kW]	37	45	55
Number of cooling stages		2	2	2
% glycol		30		
Input power	[V/ph/Hz]	380/420 - 3 - 50/60		
Design summer ambient conditions	[°C/H.R.]	32/50		
Water flow	[l/min]	140	220	300
Water inlet temperature	[°C]	-5/-7		
Water outlet temperature	[°C]	+7/+5		
Water pressure loss	[bar]	1,5		
Heating capacity	[kW]	110	120	150
Air outlet temperature	[°C]	>= -4 (*) / <=+55		
Noise level @ 1m	[dB(A)]	72		
(*) not stable during defrost operation				

CODES AND STANDARDS

Machine Directive	2006/42/UE
Electromagnetic Compatibility Directive (EMC)	2014/30/UE
Radio Equipment Directive	2014/53/UE
Safety	EN 12100-1 and 2
Electrical safety	EN 60204-1

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ATES ITALIANA

COMPLETE RANGE OF GROUND SUPPORT EQUIPMENT



ACWG

WATER GLYCOL PCA

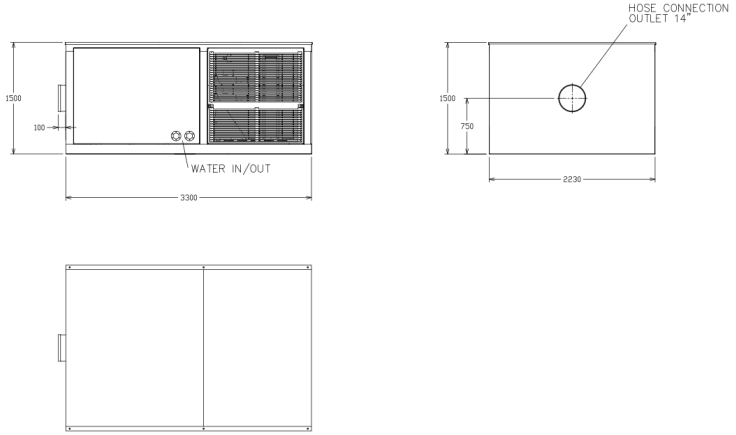
MAIN FEATURES

ACWG

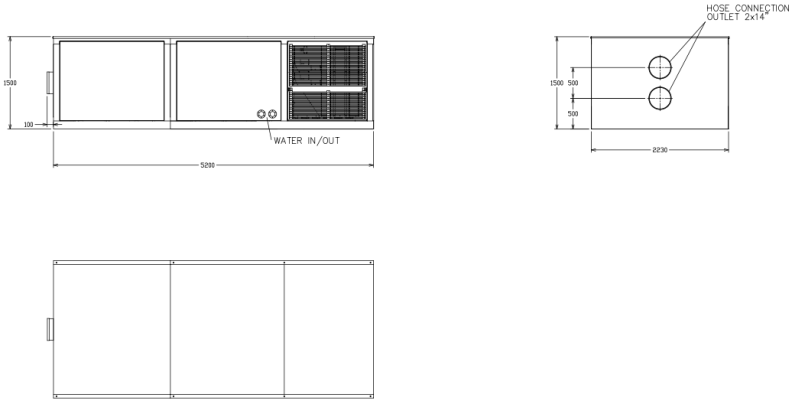
ATES water glycol PCAir are self-contained units electric powered, automatically controlled, to provide cooled and warm air to parked aircraft.

- ATES water glycol PCAir are self-contained units electric powered, automatically controlled, to provide cooled and warm air to parked aircraft
- Cooling and heating achieved by means of centralized chilled water
- Designed for water at -5/-7°C +55°C
- Higher EER/COP and lower noise compared with equivalent air to air PCA units
- Well performing in hot climate area
- Efficient air filtration
- Digital control with PLC
- High ERR coefficient with inverter control
- Main blower air flow inverter controlled
- Cabin temperature probe
- Smoke detector
- Efficient condensate water pumps system
- MODBUS RS485/Ethernet supervision system
- Automatic aircraft class selection
- Water booster pump (optional)
- Remote control box (optional)
- 480 V, 60 Hz electrical feed (optional)

ACWG-2



ACWG-2/3



	ACWG-1	ACWG-2	ACWG-3
Length	3300 mm	5200 mm	5200 mm
Width	2230 mm	2230 mm	2230 mm
Height (with foot)	1500 mm	1500 mm	1500 mm
Weight	2200 kg	2600 kg	3000 kg