

WLA Precision R407C

Ideal for cooling water or process fluids

Extremely compact and easy to use, WLA Precision R407C units are industrial chillers, ideal for cooling water or process fluids, designed to ensure the high standards of reliability required for 24/7 production processes.

Thanks to the standard non-ferrous hydraulic circuit and the wide range of options and accessories, WLA Precision R407C units are effectively used for the cooling of a number of industrial sectors such as:

- plastics
- chemical and pharmaceutical industry
- Biogas
- automotive industry
- food & beverage
- machine tools
- chip removal machines
- laser

Reliability and the ability to adapt to specific plant requirements are the determining factors that allow WLA Precision R407C chillers to respond perfectly to the needs of these industrial applications, guaranteeing production continuity and contributing to the reduction of operating costs.

Main Features

- Cooling Capacity 29 – 72kW
- Hermetic scroll compressor
- Refrigerant Gas: R407C
- Air cooled finned coil condenser
- Axial fans
- Evaporator: stainless steel plates
- Laminating unit: thermostatic expansion valve
- Non-ferrous hydraulic circuit: standard
- Pumps: P3; P5
- Hydraulic by-pass: adjustable type with manometer
- Electrical panel: with main switch for outdoor use
- Electronic thermostat with +/-2K temperature accuracy
- WLA Precision R407C Process Chillers do not fall within the applicability range of the MT (Medium Temperature – EU 2015/1095) and HT (High Temperature – EU 2016/2281) regulations.
- Working range of the refrigerant:
 - basic unit: +13°C ÷ +25°C
 - unit for low temperature water: -5°C ÷ +1°C



WLAC8-D8-G2-H8



CODE	M.U.	WLAC8	WLAD8	WLAG2	WLAH8		
Cooling Capacity (1)	W	41000	51000	72000	90500		
Absorbed Power (2)	W	10300	12300	16400	20400		
Refrigerant Gas		R407C	R407C	R407C	R407C		
Refrigerant Gas charge	kg	10	10.2	16,5	16		
Cooling circuits /Compressors	N°	1 / 1	1 / 1	1 / 1	1 / 1		
Power Supply	V-Hz	400-3-50	460-3-60	400-3-50	460-3-60	400-3-50	460-3-60
Auxiliaries feed	VAC	24	24	24	24		
Connections		Morsettiera / Terminal / Klemmen / Terminales					
Fan Type/N°		Assiale/1 - Axial/1					
Condenser fan air flow (free)	m ³ /h	30000	30000	36000	36000		
Total fan absorbed power	W	1400	1400	5000	5000		
Pump absorbed power	kW	1,5 (1,5-2,2)	1,85 (2,2-3)	2,2 (2,2-3)	2,2 (2,2-3)		
Nominal flow	l/min	120	147	200	260		
Available head nom (Med Prex)	bar	3,5 (4,7-6)	3,3 (4,4-5,5)	2,6 (5,4-6,6)	2,4 (5-6,2)		
Tank Capacity	l	300	300	300	300		
Hydraulic connections	Ø	1 ½"	1 ½"	1 ½"	1 ½"		
Noise Level (3)	dB(A)	70	70	72	74		
Height x Width x Depth	mm	1820 x 1140 x 2000	1820 x 1140 x 2000	1820 x 1140 x 2400	2250 x 1140 x 2400		
Shipping weight	kg	650	750	850	950		

Working limits for a standard chiller: leaving water Temperature min/max 13/25°C; ambient min/max 15/45°C

(1) Referred to the compressor only at conditions water Temperature inlet/outlet 20/15°C, ambient Temperature 32°C

(2) Referred to the compressor only at the following conditions: water Temperature inlet/outlet 20/15°C, ambient Temperature 32°C

(3) Sound pressure level referred to free field at distance of 1m EN ISO 9614

