

The new generation of industrial chillers WLAcompact in R134a, featuring::

ELECTRICAL PANELS designed in accordance with EN60204-1

INCREASED SPECIFIC COOLING CAPACITY

IMPROVED ACCESSIBILITY to internal components



Relative position of the HYDRAULIC CONNECTIONS and overall dimensions compatible with the previous version..

Non-ferrous HYDRAULIC CIRCUIT with new HDPE plastic tanks with increased volume

New COOLING CIRCUIT with high efficiency components

NEW Range WLA Compact

Developed on the basis of the specific features of the WLAcompact predecessor, the **WLAcompact NEW** range has been significantly enhanced thanks to:

- **New finned coil condensers with a 7mm diameter tube** for a 20% reduction in refrigerant charge and an increase in thermodynamic performance
- **New axial fans** with painted steel blades + safety protection grille
- **New Mitsubishi rotary vane compressors** (mod. 05-08) replacing Tecumseh piston compressors
- **New SWEP evaporators** with high exchange surface area
- **Metal mesh filters for condenser** standard
- **Standard phase monitor** for three-phase units
- **New inertial tank in HDPE** with increased volume mod. WLA02-03 (from 4dm³ to 8dm³)

The ease of use, the low maintenance needs and the operating synergies remain unchanged compared to the previous series WLAcompact, guaranteeing a perfect continuity of use by users.

Commercial Documentation

- **Data sheet**
- **Brochure:** available from October 2020
- **Presentazioni Power Point:** Italian / English

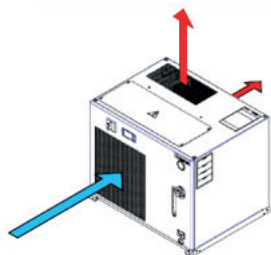
Selection Software

The WLAcompact NEW range will be selectable in the next release of the XSHARK selection software.

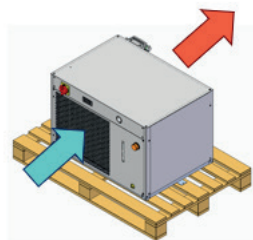
Price List

Available by September 2020

WLA COMPACT OLD Versione 2019



WLA COMPACT NEW Versione 2020



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INDUSTRIAL COOLING
A BRAND OF STULZ

WLA Compact OLD

Model	[kW]	1 phase	3 phase
WLA12	1,2	230/1/50-60	//
WLA15	1,5	230/1/50-60	//
WLA22	2,2	230/1/50-60	//
WLA23	2,3	//	400/3/50 460/3/60
WLA30	2,8	230/1/50-60	400/3/50 460/3/60
WLA34	3,4	230/1/50	400/3/50 460/3/60
WLA44	4,4	230/1/50	400/3/50 460/3/60

WLA Compact NEW

Model	[kW]	1 phase	3 phase
WLA02	1,4	230/1/50-60	
WLA03	1,6	230/1/50-60	
WLA05	2,5	230/1/50-60	400/3/50 460/3/60
WLA08	3,1	230/1/50-60	400/3/50 460/3/60
WLA10	4,1	230/1/50	400/3/50 460/3/60
WLA13	5,1	230/1/50	400/3/50 460/3/60

Configurations

Configurazioni: all configurations currently available for the WLAcompact range will also be available for WLAcompact NEW liquid chillers, with the exception of the following:

- **WLL:** replaced by the WLAYYXXXXXX3 configuration (digit 9 equal to 3)
- **WLA/WLL22:** model in phase out replaceable with the new model WLA05

Options and Kits

All options and kits available for the current WLAcompact range will also be available for WLAcompact NEW liquid chillers.

Availability for Sale

The WLAcompact NEW range will be available for sale from approximately week 40, as soon as the corresponding WLAcompact models are sold out (our sales team will keep you updated on the exact timing). The first units will then be available for delivery from week 48. For subsequent orders the delivery time of the standard configuration will be 4 weeks.

Codes

1st digit ●

W

2nd digit ●

L

Liquid Chiller

3rd digit ●

A

4th digit ●

0

Cooling Capacity

02	1,4 kW	08	3,2 kW
03	1,6 kW	10	4,1 kW
05	2,5 kW	13	5,1 kW

5th digit ●

2

6th digit ●

A

Pump configuration

A

 Exchanger

B

 Exchanger + Standard pressure pump

C

 Exchanger + Medium pressure pump

7th digit ●

0

Hydraulic configuration

0

 Standard

1

 Tank

8th digit ●

A

Hydraulic option with tank

A

 No option

B

 Electrical level stop pump

C

 Under-beam

D

 Pre-heating in the pump + Electrical level stop pump

E

 Under-beam + Electrical level stop pump

F

 Under-beam + Pre-heating in the pump + Electrical level stop pump

9th digit ●

0

Regulation of condensing pressure

0

 Standard

1

 On-Off system

2

 Modulating system

3

 Modulating system + Hot gas bypass

10th digit ●

0

Power supply

00

 230/1/50 (only for WLA10-13)

20

 230/1/50-60

61

 400/3/50- 480/3/60 (only for WLA05-08-10-13)

11th digit ●

0

12th digit ●

A

Electrical options

A

 Standard

B

 Multi-pole connector (Power + alarm signal)

C

 Differential control with external probe

D

 Multi-pole connector (Power + alarm signal) + Differential control with external probe

13th digit ●

0

Frame

0

 Standard

1

 Stainless steel

14th digit ●

8

Refrigerant

8

 R134a