

NOTES

NOTE:

THE POSITIONING AND DIMENSIONS OF THE EQUIPMENT INDICATED IN THE PROJECT ARE INDICATIVE AND MUST BE VERIFIED ON SITE WITH THE WORKS MANAGEMENT.
 NB: ALL EQUIPMENT MUST BE INSTALLED IN STRICT COMPLIANCE WITH THE INSTALLATION MANUALS FOR THE EQUIPMENT.
 NB: DRAWING NOT VALID FOR ARCHITECTURAL PURPOSES

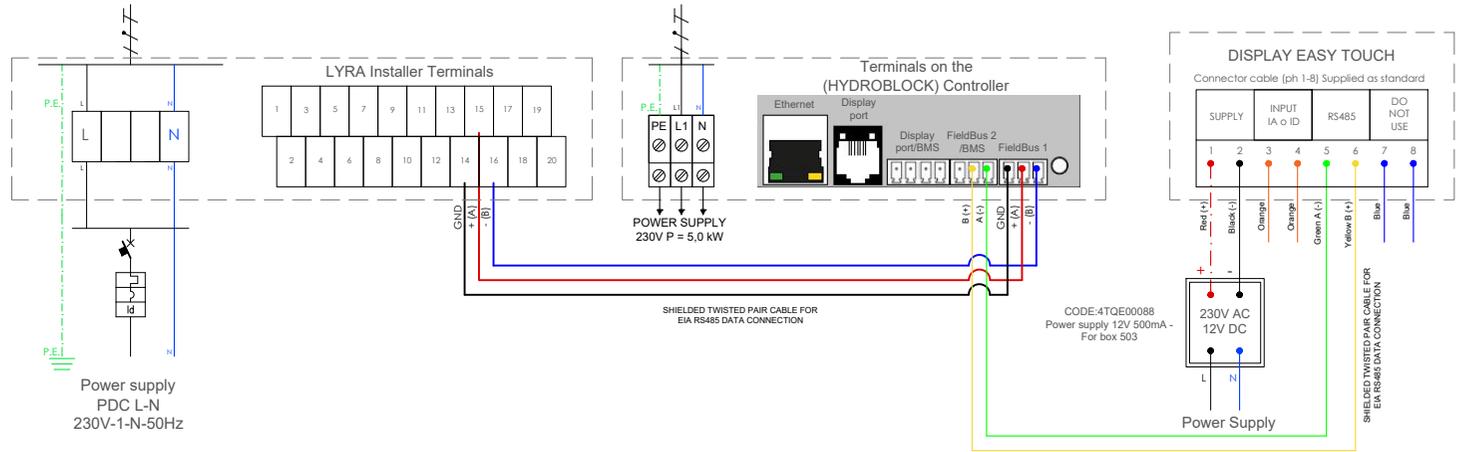
NOTE:

FOR PLUMBING, THERMAL, ELECTRICAL AND ELECTRONIC CONNECTIONS FOLLOW SCRUPULOUSLY FOLLOW THE INSTRUCTIONS OF THE MANUFACTURERS OF THE PRODUCTS AND THE REGULATIONS IN FORCE REGARDING SAFETY AND CORRECT INSTALLATION OF THE SYSTEMS

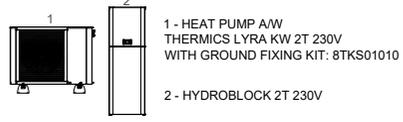
NOTE:

THE POSITION OF THE COMPONENTS OF THE MECHANICAL SYSTEM SHOWN IN THE DIAGRAMS IS PURELY INDICATIVE; IT WILL HAVE TO BE VERIFIED DURING CONSTRUCTION ACCORDING TO ACTUAL NEEDS.

ELECTRICAL CONNECTION DIAGRAM



CAPTION



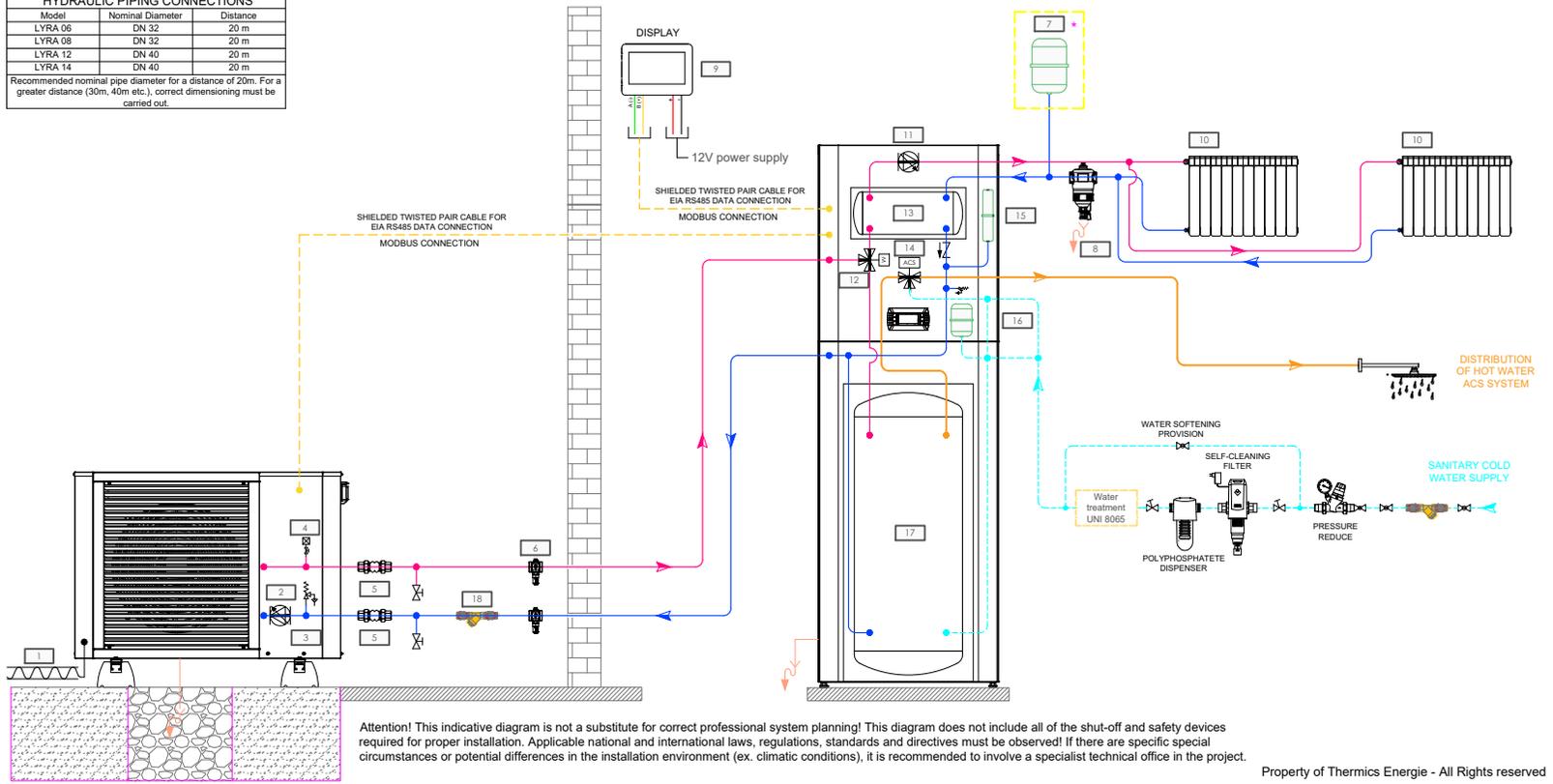
- 1 - HEAT PUMP A/W THERMICS LYRA KW 2T 230V WITH GROUND FIXING KIT: 8TKS01010
- 2 - HYDROBLOCK 2T 230V
- MODBUS CABLE
- SYSTEM DELIVERY PIPING
- ← SYSTEM RETURN PIPING
- DHW DELIVERY PIPE
- ← DELIVERY PIPING DCW
- * THERMICS SUPPLY

- 1 HEATING CABLE (OPTIONAL)
- 2 CIRCUIT PUMP PRIMARY CIRCUIT TECHNICAL WATER
- 3 THERMAL SYSTEM SAFETY VALVE
- 4 AIR VENT DEVICE
- 5 ANTI-VIBRATION JOINT
- 6 ANTIFREEZE VALVE DN 25 FOR PDC 1" B (8TMUV0110)
- 7 THERMAL SYSTEM EXPANSION TANK (OPTIONAL)
- 8 DEFANGER
- 9 EASY TOUCH DISPLAY + POWER SUPPLY (8TEU00017)
- 10 RADIATOR FITTED WITH THERMOSTATIC VALVE
- 11 SEC. CIRCUIT CIRC. PUMP TECHNICAL WATER
- 12 3 - WAY DIVERTER VALVE
- 13 25 lt HYDRAULIC TANK
- 14 THERMAL MIXING VALVE FOR THE PRODUCTION OF DHW
- 15 THERMAL SYSTEM EXPANSION TANK
- 16 EXPANSION TANK DHW CIRCUIT
- 17 190 lt DHW BOILERS WITH ANODE AND RESISTOR
- 18 Y - FILTER DN 25

HYDRAULIC SCHEME

HYDRAULIC PIPING CONNECTIONS		
Model	Nominal Diameter	Distance
LYRA 06	DN 32	20 m
LYRA 08	DN 32	20 m
LYRA 12	DN 40	20 m
LYRA 14	DN 40	20 m

Recommended nominal pipe diameter for a distance of 20m. For a greater distance (30m, 40m etc.), correct dimensioning must be carried out.



Attention! This indicative diagram is not a substitute for correct professional system planning! This diagram does not include all of the shut-off and safety devices required for proper installation. Applicable national and international laws, regulations, standards and directives must be observed! If there are specific special circumstances or potential differences in the installation environment (ex. climatic conditions), it is recommended to involve a specialist technical office in the project.

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FUNCTIONAL DIAGRAM LYRA MB 2T + HYDROBLOCK

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BY
AC

DATE
12/02/2024

CLIENT
/

DRAWING/REVISION
01

PLANT/SITE
FUNCTIONAL DIAGRAM

Thermics Energie srl

www.thermics-energie.it
E-mail: info@thermics-energie.it

