22: Electrical supply voltage depending on the installation and appliance: 230 V, 400 V
26: Also compatible with MiPro.
Necessary Settings

- Heat pump:
  - Immers. heater mode: DHW+heat.
  - Imm. heater outp. range: External
  - Cooling technology: No cooling

- Control | Basic system diagram config.:
  - Basic system diagram code: 16
  - FM5 configuration: 3

- FM5 MO:
  - Circuit 1/ Circuit type: Heating
  - Circuit 2..3/ Circuit type: Inactive
  - Circuit 1/ Room temp. mod.: Active, Expanded

- Zone 1/ Zone activated: Yes
- Zone 1/ Zone assignment: Control

- eBUS coupler (heat pump):
  - Address: 2

Appliances: GeniaAir Split, wall-hung module split
FEW DHW storage, external cylinder
MiPro SRC720, RED-5, MiLink V3, eBUS coupler (B)

Controls: Circulation pump

Circuits:
1 x mixed underfloor

This scheme does not include all necessary shut-off and safety devices for a right installation. The applicable national and international laws, regulations, standards and directives must be adhered to! Due to special object-related circumstances or potential differences in the installation environment (e.g., climatic conditions) it is recommended to involve a specialized planning agency.
Due to special object-related circumstances or potential differences in the installation environment (e.g. climatic conditions) it is recommended to involve a specialized planning agency. Applicable national and international laws, regulations, standards and directives must be adhered to! This scheme does not include all necessary shut-off and safety devices for a right installation. The attention, this principal scheme does not supersede a correct professional design of the system! 

Components that are used multiple times (x) are numbered consecutively (x1, x2, ..., xn).
Remarks and Restrictions

Caution! Schematic diagram!
1 Non-binding recommendation! The information below shall never supersede the correct professional design of the system. This system schematic does not include all the shut-off and safety devices necessary for professional assembly. The applicable national and international laws and regulations, standards and directives must be adhered too!
2 Subject to alterations in the schematic diagram! Full and/or partial reproduction of this schematic is subject to prior written approval by Vaillant GmbH.
3 During planning and design, installation and later use of the system, all operating instructions for installation and use created and applicable to the appliance, the accessories and/or all other system components must be adhered to.
4 Vaillant GmbH herewith strictly rules out any liability for claims for damages on whatever legal ground, especially for breach of obligations or delictual obligation, i.e. claims in tort. The aforesaid shall neither apply in cases of statutory liability, wilful intent or gross negligence, nor in case of injury to life, body or health nor in the case of violation of material contractual obligations (cardinal obligations) provided that a contract is concluded with the user of the schematic diagram hereunder. Cardinal obligations are material obligations or duties to be adhered to such obligations. However, liability for claims for damages due to breach of such material contractual obligations shall be limited to the foreseeable damages typical with the respective contract unless such breach is a case of wilful intent or gross negligence or in case of liability due to injury to life, body or health. The aforesaid stipulations shall not entail any change in the burden of proof to the disadvantage of the user of the schematic diagram hereunder.

The following list contains a set of possible remarks and restrictions. For a scheme, only the remarks and restrictions explicitly stated in the header on page 1 applies/apply

⚠️ 1 The system doesn’t fulfill the hygienic requirements acc. to EN 806-2:2005 (legionella protection).
⚠️ 2 Legionella protection function to be arranged by boilers with system control.
⚠️ 3 The system fulfills the hygienic requirements acc. to EN 806-2:2005 (legionella protection) only with integrated electric peak heater or with system temperature >= 60°C.
⚠️ 4 The connection of a controlled solar unit is not possible.
⚠️ 5 Mount the sensor of the overheat safety thermostat at an adequate position to avoid tank temperatures above 100°C.
⚠️ 6 The coil size of the DHW tank has to be aligned to the heating output of the heat pump.
⚠️ 7 Heat source options 0020178458: number 1, 2, 3, 4, 5
⚠️ 8 Min. 35% of the nominal flow rate through the reference room without single room temperature control valve.
⚠️ 9 Pump with IF-module is necessary.
⚠️ 10 An additional heat generator has to be installed to reach the required domestic hot water temperatures acc. the actual standards and directives.
⚠️ 11 DHW tank loading simultaneously with heating operation is not possible.
⚠️ 12 Inlet flow rate for cylinder loading (DHW and heating) < 1800 l/h.
⚠️ 13 The flow rate of the connected heat generators has to be aligned with the decoupler module.
⚠️ 14 Backup heater CH/DHW must be protected by a self acting overheat thermostat.
⚠️ 15 Max. 4 remote controls can be used.
⚠️ 16 DHW circulation pump has to be installed separately.
⚠️ 17 Optional component
⚠️ 18 The cascade can be configured with 2 to 7 heat generators.
⚠️ 19 The cascade can be configured with 2 to 4 DHW stations.
⚠️ 20 The cascade can be configured with 2 to 4 solar stations.
⚠️ 21 The system can be configured with up to 9 mixed circuits with max. 3 functional modules.
⚠️ 22 Electrical supply voltage depending on the installation and appliance: 230 V, 400 V
⚠️ 23 Heat demand has a higher priority than automatic cooling. Use time programmes to avoid parallel demands
⚠️ 24 Safety equipment for solid fuel boilers has to be planned to avoid tank temperatures above 80°C.
⚠️ 25 RCD - necessary, when demanded by local regulations.
⚠️ 26 Also compatible with MiPro.
⚠️ 27 Consider the local hygienic requirements for legionella protection.
⚠️ 28 Consider the polarity of the eBUS connection.
⚠️ 29 Use a shielded eBUS cable if the distance is longer than 10m.
⚠️ 30 In the case of external safety components, the bridge must be removed.
⚠️ 31 Consider the max. inlet temperature of the connected boiler.
⚠️ 32 Consider devices for protection against transient overvoltages.
⚠️ 33 HPIM compatible with HA-6 has to be used
⚠️ 34
⚠️ 35 Use a twisted and shielded Modbus cable for the connection between outdoor and indoor unit