



## Projecting Sheet Large Heat pumps *Titan*

### Customer Data

Company \_\_\_\_\_

Contact person \_\_\_\_\_

### Project Data

Name \_\_\_\_\_

Address \_\_\_\_\_

### 1. Application

- only heating                       only cooling                       heating & cooling

### 2. Heating operation: capacity requirements

Required Total Heating capacity

Heating \_\_\_\_\_ kW                       $T_{\text{flow}}$  \_\_\_\_ °C                       $T_{\text{backflow}}$  \_\_\_\_ °C

Hot domestic water \_\_\_\_\_ kW

Type of application

- monovalent                       bivalent-parallel                       bivalent-alternative

If bivalent, 2<sup>nd</sup> heat producer:                      Type: \_\_\_\_\_

capacity: \_\_\_\_\_ kW

**Required Heating capacity of heat pump \_\_\_\_\_ kW**

### 3. Cooling operation: capacity requirements

Cooling capacity of building \_\_\_\_\_ kW                       $T_{\text{flow}}$  \_\_\_\_ °C                       $T_{\text{backflow}}$  \_\_\_\_ °C

ggf. 2<sup>nd</sup> chiller:                      Type: \_\_\_\_\_

Capacity: \_\_\_\_\_ kW

**Required Cooling capacity of heat pump \_\_\_\_\_ kW**

#### 4. Type of heat pump

Brine/Water Heat Pump

- with vertical probes       with earth collector       \_\_\_\_\_

T<sub>flow</sub> \_\_\_\_\_ °C    T<sub>backflow</sub> \_\_\_\_\_ °C

Water/Water Heat Pump

- groundwater       river/lake water       \_\_\_\_\_

T<sub>flow</sub> \_\_\_\_\_ °C    T<sub>backflow</sub> \_\_\_\_\_ °C

Feasible flow rate \_\_\_\_\_ m<sup>3</sup>/h

Water quality checked?       Yes       No

Air/Water Heat Pump

- Ambient air  
 Exhaust air from \_\_\_\_\_

Mean temperature \_\_\_\_\_ °C    Feasible flow rate \_\_\_\_\_ m<sup>3</sup>/h

#### 5. Additional requirements

max. sizes of heat pump

width: \_\_\_\_\_ m    depth: \_\_\_\_\_ m    height: \_\_\_\_\_ m

Possibility of controlling by BMS (Building Management System)?

- Yes     No

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