|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *Город* |  | | | | | | | **Россия, 656010, Барнаул, пр. Ленина, 195**  **телефон 8-(3852)-55-66-88**  **e-mail: vzljotaltay@mail.ru**  **Документация и программное обеспечение размещены на сайте** [**взлет-алтай.**](http://www.vzljot.ru/)**рф** |
| ***Плательщик*** |  | | | | | | |
| ***ИНН / КПП*** |  | | | | | | |
| ***Получатель*** |  | | | | | | |
| *Почтовый адрес* |  | | | | | | |
|  |  | | | | | | |
| ***телефон, факс*** |  | | | | | | |
| ***Доставка*** | самовывоз | |  | Ж/Д |  | АВИА |  |
| ***Перевозчик*** |  | | | | | | |
| ***Пункт назначения*** | |  | | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Заявка №** |  | от «\_\_\_»\_\_\_\_\_\_\_\_\_\_202г. | **Дата готовности** | «\_\_\_»\_\_\_\_\_\_\_\_\_\_\_\_202г. |

**Исходные данныедля проектирования**

**Автоматизированного теплового пункта «ВЗЛЕТ АТП»**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| № | **наименованиезначения параметров** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Источник теплоснабжения****:* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1.** | **Тепловая сеть:** | | | | | | | | | | | | | | | | | | | | | | 2-х трубная | | | | | | | | |  | | | | 3-х трубная | | | | | | |  | | | 4-х трубная | | | | | | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2.** | **Диаметры ввода ТС условные, мм:** | | | | | | | | | | | | | | | | | | | | | DN1 | | | |  | | | | | | DN2 | | | | |  | | | | DN3 | | |  | | | | | | DN4 | | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3.** | **Температурный график тепловой сети, оС** | | | | | | | | | | | | | | прямая | | | | |  | обратка | | | | |  | | | **расчетная Т наружного воздуха, оС** | | | | | | | | | | | | | | | | | | | | | | | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4.** | **Температура точки излома графика (график ТС в межотопительный период), оС:** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **5.** | **Давление в трубопроводе ТС, МПа** | | | | | | | | | | прямом | | | | |  | | | | обратном | | | |  | | | **гарантированный напор, м.вод.ст** | | | | | | | | | | | | | | | | | | | | | | | | | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **6.** | **Расположение вводов ТС:** | | | | | | левое | | | |  | | правое | | | | |  | | **тип здания:** | | | | | | | | | | | | | админ. | | | | | | |  | | произв. | | | | | |  | | | жилое | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **7.** | **Общая мощность, Гкал/час** | | | | | | |  | | **Габариты Взлет АТП,м:** | | | | | | | | | | | длина | | | |  | | | | | | | | ширина | | | | | |  | | | | | | высота | | | | | |  | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **8.** | **Узел учетана вводе ТС** | | | | |  | | | **узел учетав системе ГВС:** | | | | | | | | | | | | | тр-д ХВ | | | | | | | | |  | | | | тр-д подачи ГВС | | | | | | | | |  | | | цирк-ция ГВС | | | | | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **9.** | **Дополнительные расходомеры для учета ГВС в межотопительный период** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Система отопления:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1.** | **Зависимая схема присоединения:** | | | | | | | | | | | | | | | | | | | | | модульное исполнение | | | | | | | | | | | | | | | | |  | набор оборудования | | | | | | | | | | | | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2.** | **Независимая схема присоединения:** | | | | | | | | | | | | модуль с пластинчатым теплообменником | | | | | | | | | | | | | | | | | | | | | | | | | |  | с сохранением сущ. ТО | | | | | | | | | | | | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3.** | **Погодозависимое регулирование** | | | | | | | | |  | | **на прямых параметрах** | | | | | | | | | | | | | | | | | |  | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4.** | **Резервирование теплообменников (2-а ТО):** | | | | | | | | | | | | | | | 50% нагрузки | | | | | |  | | | 100% нагрузки | | | | | | | | | |  | | | **статическая высота СО, м** | | | | | | | | | | | | | | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **5.** | **DN ввода СО условные, мм:** | | | | | | прямая | | | |  | | | | обратка | | | | |  | **температурный график СО, оС** | | | | | | | | | | | | | | | | | | | прямая | | | | |  | | | | обратка | | | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **6.** | **Расчетная мощность СО, Гкал/час** | | | | | | | | | | |  | | | | | | | | | **гидравлическое сопротивление СО, м.вод.ст.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Система горячего водоснабжения:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1.** | **Присоединение** | через пластинч. теплооб. (закрытая система) | | | | | | | | | | | | | | | | | | | |  | | | через регулятор смешения (открытая система) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2.** | **Схема присоединения:** | | | одноступенчатая | | | | | | | | | | |  | | | двухступенчатая | | | | | | | | | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3.** | **Резервирование теплообменников (2-а ТО):** | | | | | | | | | | | | | | | 50% нагрузки | | | | | |  | | | 100% нагрузки | | | | | | | | | |  | | | **циркуляционный трубопровод** | | | | | | | | | | | | | | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4.** | **DNтрубопровода,мм** | | | подающего | | | | | | |  | | | | | | | | циркуляционного | | | | | | | | |  | | | | | | | | | | | холодной воды | | | | | | | | | |  | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **5.** | **Давление в трубопроводе холодной воды (мин),МПа** | | | | | | | | | | | | | | | | | | | | |  | | | | | | **необходимое давление за водомером, м** | | | | | | | | | | | | | | | | | | | | | | | | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **6.** | **Расчетная мощностьсист.ГВС, Гкал/час** | | | | | | | | | | | | | |  | | | | | | **гидравлическое сопротивлениесист.ГВС, м.вод.ст.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Система вентиляции:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1.** | **Зависимая схема присоединения:** | | | | | | | | | | | | | | | | | | | | | модульное исполнение | | | | | | | | | | | | | | | | |  | набор оборудования | | | | | | | | | | | | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2.** | **Независимая схема присоединения:** | | | | | | | | | | | | модуль с пластинчатым теплообменником | | | | | | | | | | | | | | | | | | | | | | | | | |  | с сохранением сущ. ТО | | | | | | | | | | | | | | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3.** | **Погодозависимое регулирование** | | | | | | | | |  | | **На прямых параметрах** | | | | | | | | | | | | | | | | | |  | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4.** | **Резервирование теплообменников (2-а ТО):** | | | | | | | | | | | | | | | 50% нагрузки | | | | | |  | | | 100% нагрузки | | | | | | | | | |  | | | **статическая высотаСВ, м** | | | | | | | | | | | | | | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **5.** | **DN ввода СВ условные, мм:** | | | | | | прямая | | | |  | | | | обратка | | | | |  | **температурный график СВ, оС** | | | | | | | | | | | | | | | | | | | прямая | | | | |  | | | | обратка | | | | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **6.** | **Расчетная мощность СВ, Гкал/час** | | | | | | | | | | |  | | | | | | | | | **гидравлическое сопротивление СВ, м.вод.ст.** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ***Дополнительное оборудование:*** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1.** | **Дренажный насос** | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2.** | **Автомат. вкл. резерва эл. питания (АВР)** | | | | | | | | | | | | |  | | |
|  |  | | | | | | | | | | | | |

***Примечание:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***

**При заполнении карты заказа в прямоугольнике выбранной позиции ставится знак Х ,**

**значение параметра указывается в графе таблицы или прямоугольнике рядом с его наименованием**

Ф.И.О. заказчика\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ тел. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_