

EnvironTec GAS CHILLER



Refrigerating capacity table

Dew point: 10° C
 Ambient temperature: 33° C
 Refrigerant: R407C

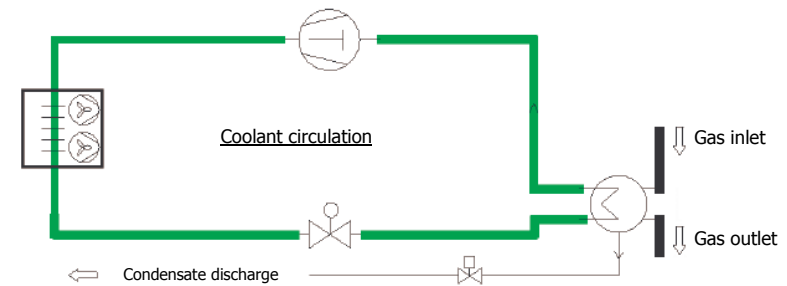
Gas flow [Nm ³ /h]	Gas inlet 35°C chilled [kW]	Condensate [kg/h]	Gas inlet 45°C chilled [kW]	Condensate [kg/h]
100	3,3	3,1	5,6	5,8
200	6,6	6,3	11,3	11,5
300	10,0	9,4	17,0	17,3
400	13,2	12,5	22,6	23,1
500	15,6	15,6	28,3	28,8

Range of application

The gas chill dryer is a facility for cooling and drying fermentation gas. It is fully automated and requires minimum maintenance.

Method of operation

The coolant is cooled by a built-in refrigerator. In the cold exchanger connected downstream, heat is extracted from the flow of moist gas by indirect contact with the coolant. The gas is thus cooled, the moisture contained in it is condensed (dew point 10°C) and subsequently removed automatically.



Equipment supplied

The chill dryer is designed as standard for indoor or outdoor installation on a level foundation or floor. The equipment is delivered ready for operation. The operating voltage is 400V/50Hz, the control voltage 230V/50Hz. The switchgear cabinet supplies a potential-free contact for a centralised alarm signal to the main control room.

