



PRODUCT SPECIFICATION

Product name	Chicken Fillet 250gr
Product dimension and weight	180 x 95 x 30 mm, 250 g
In-feed temp. / Water content	+5 °C / 80 %
Levelled out-feed temp.	-18 °C
Product enthalpy	303 kJ/kg (72 kcal/kg)

FREEZER SPECIFICATION

Freezer	GC M7/2(+1)-08-24-16(+8) NS CCR SD
Mesh	M 6-1.5
Belt travel direction	Ascending
Air flow direction	Downflow

PERFORMANCE

Load on belt	4.2 kg/m, 16.8 pcs/m
Loading pattern	See last page
Belt speed	6.4 m/min (range 3.5 - 30.0 m/min)
Dwell time	49 min
Total capacity	1600 kg product/h, 6400 pcs/h

HEAT LOAD

Total heat load	181 kW (155457 kcal/h)
Sequential defrost peak load	217 kW (186608 kcal/h)
whereof base load	46 kW (39532 kcal/h)

SUPPLY

Refrigerant	R 744 Pump (CO2)
Evaporation temperature	-50 °C in the evaporator
Circulation ratio	3 - 4 times required heat load
Electrical	50 Hz, 380 V

PRODUCT LOAD ON THE BELT

Product name	Collapsed belt		Straight & collapsed belt	
	Coverage	kg/m ²	kg/m	pcs/m
Chicken Fillet 250gr	43 %	7.1	4.2	16.8

