



Plant description

Pilot UHT Plant

Type of plant

6500/008

Serial/Plant number

36003583.65.1

Process Engineering

GEA TDS GmbH

3. Technical Data

3.1. Short Description

Program- controlled Pilot UHT plant with indirect heat treatment system, regenerative exchanger circuit, including CIP connection.

3.2. Plant Information

Data	Value	Dimension	Description
Plant description	Pilot UHT Plant	-	-
Type of plant	6500/008	-	-
Serial/Plant number	36003583.65.1	-	-
Year of manufacture	2011	-	-
Capacity	400 - 800	l/h	frequency controlled
	CIP 900 max. 1,000	l/h	-
Sound power level	LW = 112 dB(A) = A-evaluated sound power of the entire plant	-	-
Dimensions	see project drawings	-	-

NOTE

The emitted sound energy heavily depends on the relative operating conditions.

IMPORTANT NOTE !



The respective serial number of the heat exchanger (WAT) is used for identification of the WAT described in this documentation.

The WAT designations given in the documentation differ partially from those given in the corresponding declarations of conformity. The reasons for this relate to the manufacturing operations, for internal production abbreviations must be used.

3.3. Product Information

Nestlé product specification according to URS 15.10.10:

- Oxygen sensitive product requiring
- Foaming behavior: High
- Total solids content range: 0 – 40 %
- Viscosity ranges: 0 - 200 mPas 20°C
- pH- range: 6,5 up to 8
- Fat content range: 2 – 8 %
- Protein content range: 0 - 6%
- Density range: 1 - 1,1
- Particle size: 0,2 - 25µm

