INLINE AERATION/OXYGENATION

Manual Unit

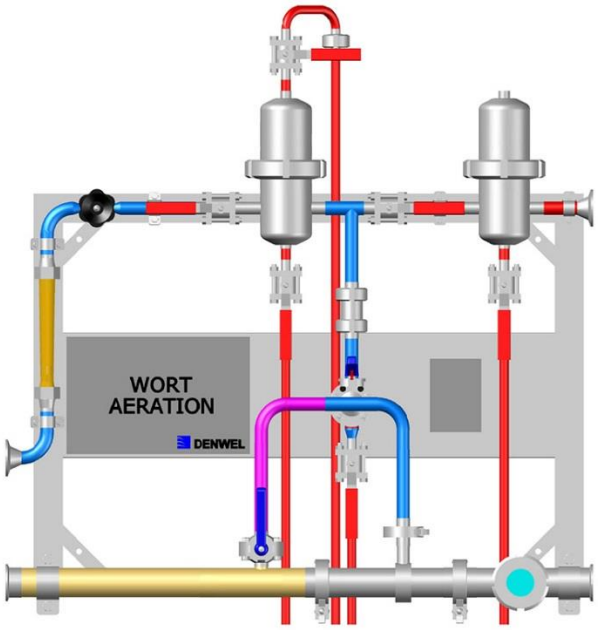
- Micro bubble size
- Instant saturation
- Sterile gas and steam filters

I N L I N E
A E R A T I O N / O X Y G E N A T I O N

Principle

Oxygen or air is injected into the wort through DENWEL Injector, which splits the gas into micro bubbles. Most efficient and instant saturation of the gas is achieved with only a minimal pressure drop, no gas loss and a fully hygienic design. No static mixer or sinter candles needed.

The system includes a sterile filter for cleaning the gas and a steam filter cleaning the steam used for sanitization of the sterile filter.



Technical data

Air addition:	up to 15 ppm (P & T dependent)
O_2 addition:	up to 25 ppm (P & T dependent)
Pressure:	operating 2 to 5 barg, 30 to 72 psig
Temperature:	operating 0 to 15 °C, 32 to 60 °F
CIP:	2 to 5 barg, 30 to 72 psig; max. 90 °C, 200 °F; Steam 120 °C, 248 °F
Connection:	Tri-clamp; other connections upon request
Dimensions:	from Height 0,8 m, 31,5”; Width 0,9 m, 35,4”; Depth 0,2 m, 6,5”
Weight:	from 25 kg, 55 lb
Material:	Stainless Steel 304, EPDM, PSU, PP
Models:	Aeration DASxxxM; Oxygenation DOSxxxM; Aeration and Oxygenation DOAxxxM

D__025M	DN 25	1”	10 to 25 hl/h	5 to 11 gpm	9 to 21 bbls/h
D__040M	DN 40	1½”	16 to 40 hl/h	8 to 17 gpm	14 to 34 bbls/h
D__050M	DN 40	1½”	20 to 50 hl/h	9 to 22 gpm	18 to 42 bbls/h
D__075M	DN 40	1½”	30 to 75 hl/h	14 to 33 gpm	26 to 63 bbls/h
D__100M	DN 50	2”	40 to 100 hl/h	18 to 44 gpm	35 to 85 bbls/h

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