



Sustainable Optimization Valve Report



CIP SAVINGS PER YEAR
-2.273.250
liters



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Please note that the calculations and analysis made in this Sustainable Optimization report are based on information and data which is not originating directly from Alfa Laval. Alfa Laval cannot verify the contents of this report and it is intended as general information on potential optimizations only. The information and data in the report shall not be construed as an express or implied warranty or guarantee and shall be relied upon entirely at the customer's own risk.



INTRODUCTION

The purpose of the Alfa Laval Sustainable Optimization report is to present optimization possibilities on the specified equipment. This report will give estimations on economic improvements based on investment and cost operation numbers.

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On the following pages you will see an analysis of the agreed equipment.

Alfa Laval provides complete assistance to realize the estimated savings, and we also provide other services, from installation to maintenance and spare parts.

For further information, please contact:

Frederik Klasen

f.klasen@sks-online.com



OPERATION PARAMETERS

The calculations are based on these settings

PROJECT NAME	techcon
ITEM NAME	UMP
TAG REFERENCE	manifold
CIP PROGRAM	cost red.
NUMBER OF VALVES	50
NO. CIP SEATLIFTS	15
CIP PER DAY	2
CIP DAYS PER WEEK	7
CIP WEEKS PER YEAR	50
LIFETIME IN YEARS	10
CIP MEDIA COST	€0,10

EQUIPMENT PROFILES

The calculations are based on these settings

	VALVE 1	VALVE 2
MODEL NAME	ump	ump red time
VALVE SIZE	63.50	63.50
UPPER PRESSURE	2.00	2.00
UPPER OPEN TIME	3.00	0.50
LOWER PRESSURE	2.00	2.00
LOWER TIME	3.00	0.50
VOLUME PER SEATLIFY	5.19	0.86
LIST PRICE PER UNIT		
DISCOUNT	0.00 %	0.00 %
NET PRICE PER UNIT		
ADDITIONAL INVESTMENT COSTS	0.00	0.00
ADDITIONAL RUNNING COSTS		
ADDITIONAL INVESTMENT COSTS NOTES		



ANALYSIS WIZARD

Below you see the comparison between the equipments profiles

VALVE MODEL	UMP	UMP RED TIME
NO. OF UNITS	50	50
PRICE PER UNIT	€0,00	€0,00
TOTAL INVESTMENT COST	€0,00	€0,00
CIP MEDIA USAGE PER YEAR	2,724,750 liters	451,500 liters
CIP MEDIA COST PER YEAR	€272.475,00	€45.150,00
LIFETIME COST (INVESTMENT COST + OPERATING COST)	€2.724.750,00	€451.500,00

ANALYSIS CHART

