



## Merco Energy Saver E-10 High Efficiency Nozzles

### General

A new type of nozzle for the installed base of Merco machines has been developed. The nozzle will decrease power consumption by 10%.

The replacements are valid for old nozzles with part number 26010S.

### Advantages

The advantages of the new nozzles are:

- Power savings
  - Lower production cost
  - Environmental proceeds
- Extended nozzle life
- Easy installation and removal

### Power savings

Power saving of 10% signifies profit as well as environmental earnings. For the average machine power savings can easily justify the replacement of the nozzles. Please contact Alfa Laval for a customer specific power savings calculation.

### Extended nozzle life

The new nozzle is made in one piece of abrasive resistant metal, thus eliminating problems due to brazing.

The smooth flow transition inner chamber minimizes the hydraulic losses and also contributes to prolonged nozzle life.

### Easy installation and removal

The dove-tail shape allows firm grip of the tool for easy installation and removal.



### New Nozzle and Tool



The nozzle 576327 is available in sizes from 65E-10 to 11E-10. See table on page 2 for reference.

## New Nozzle Tool



A nozzle tool 577086-80 is needed and should be ordered together with first time delivery of the new nozzles.

## Orders

Remember to order:

- Nozzle tool 577086-80 with first delivery.
- The O-ring M12155 is required for each nozzle.

The nozzles should be handled separately to minimize the risk of damage, since they are made of a brittle material.

Item numbers for new nozzels according to below table.

Size	Ø	New nozzle P/N
65E-10	0,90	576327-01
60E-10	1,00	576327-02
56E-10	1,15	576327-03
53E-10	1,50	576327-04
50E-10	1,80	576327-05
46E-10	2,00	576327-06
43E-10	2,25	576327-07
40E-10	2,50	576327-08
38E-10	2,60	576327-09
36E-10	2,70	576327-10
34E-10	2,80	576327-11
32E-10	2,95	576327-12
30E-10	3,25	576327-13
28E-10	3,55	576327-14
24E-10	3,85	576327-15
20E-10	4,10	576327-16
18E-10	4,30	576327-17
15E-10	4,60	576327-18
11E-10	4,80	576327-19

### How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at [www.alfalaval.com](http://www.alfalaval.com)