

Ultrasonic wash tanks with side transducers



U'SONIC

| Code | <input type="checkbox"/> V031VM80 | <input type="checkbox"/> V031VM120 |
|-------------------------------|---|---|
| Name | Versa+80M U/S cleaning machine, 30 kHz | Versa+120M U/S cleaning machine, 30 kHz |
| Function | Ultrasonic cleaning | Ultrasonic cleaning |
| External dimensions (mm) | 615x870x912 | 725x870x912 |
| Weight (kg) | 86 | 94 |
| Tank dimensions (mm) | 385x610x440 | 495x610x490 |
| Filling volume (l) | 85 | 124 |
| Displacement reserve (l) | 13 | 16 |
| Materials | | |
| Tank, frame | AISI 304 | AISI 304 |
| Valves | AISI 316L | AISI 316L |
| Heating power (W) | 2000 | 4000 |
| Temperature range (°C) | Ambient - 80°C | Ambient - 80°C |
| Ultrasonic power nom/peak (W) | 1200/2400 | 1200/2400 |
| Ultrasonic frequency (kHz) | 30 (40 for <input type="checkbox"/> V031VM80H, <input type="checkbox"/> V031VM80HO) | 30 (40 for <input type="checkbox"/> V031VM120H, <input type="checkbox"/> V031VM120HO) |
| Booster/Sweep/ Degas | Yes/Yes/Yes | Yes/Yes/Yes |
| Filling valve | R ½" | R ½" |
| Drain valve | R 1" | R 1" |
| Overflow weir/ valve | Yes/ R 1" | Yes/ R 1" |
| Level sensor | Based on conductivity (Opto for <input type="checkbox"/> V031VM80O, <input type="checkbox"/> V031VM80HO) | Based on conductivity (Opto for <input type="checkbox"/> V031VM120O, <input type="checkbox"/> V031VM120HO) |
| Voltage (VAC) | 380/220 – 415/240 | 380/220 – 415/240 |
| Frequency (Hz) | 50-60 | 50-60 |
| Connected load (W) | 3900 | 5900 |
| Fuses | 3x10A | 3X10A |

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| Notes | Non aggressive aqueous liquid. |
| Control | Digital control panel FIN13 "V03" Adjustable treatment time (00:00 – 500:59 mmm:ss) and temperature with three programmable presets Temperature limit 7-day timer External control Temperature interlock Dry run protection |
| Construction | Tanks of welded construction, material thickness 2 mm Raised lip at tank edge Basket support bars and guides above liquid level Control buttons on the front panel Main switch at the back side of the unit Valve adjustments at backside of the unit Sloped tank bottom Plastic foam thermal and sound insulation Ultrasonic transducers bonded to tank side walls Plate type heating elements conducting heat through tank wall Self supporting sheet metal frame Adjustable feet Cover panels Integrated electric cabinet at lower part of the unit For multistage lines delivery in one piece as standard |
| Standards, Norms | The machine complies with Electromagnetic Compatibility Directive (EMC) 2004/108/EC Low Voltage Directive (LVD) 2006/95/EC |
| Documentation | Standard documentation includes safety and operating instructions. Flow chart and layout drawings are optional. |

