



Fluid Powered Chemical Dispensing Systems

Dairy Industry – Hydroblend Models

Iodine Teat Dip

Model # 6160-PVC-V (Teat Dip 1:9)

Max Ratio: 11.00% (16oz/gallon)

Min Ratio: 1.00%

Max Water Flow: 7 GPM @ 75 psi

Model # 6470-PVC-V Teat Dip 1:3, 1:5, 1:9, 1:19)

Max Ratio: 26.80% (47oz/gallon)

Min Ratio: 3.20%

Max Water Flow: 7 GPM @ 75 psi



Please be aware that the above units are our 6000 Series (7 GPM) Iodine Teat Dip specific proportioners. All units are configured with a SST Valve Block, Water Motor and Outlet Fitting. The chemical side of the pump is configured with a PVC Pump Head, Viton seals, and can be configured to mount on either a horizontal or a vertical surface.

Chlorine Dioxide – Air Driven

Model # 091-AIRFP6100-DI-PVC-V

(Dual Injection 1:1)

Model # 092-AIRFP6100-DI-PVC-V

(Dual Injection 1:1)

Model # 093-AIRFP6100-DI-PVC-V

(Dual Injection 1:1)

Model # AIRMVFP6140/03-DI-PVC-V

(Dual Injection 1:26)



Please be aware that the above units are our Air Driven, Dual Injection Chlorine Dioxide specific proportioners. These units are configured with a PVC Pump Head, Viton seals and are all designed to mount on a Horizontal surface.

HYDROBLEND INTERNATIONAL CORPORATION

5301 Sawyer Ave * Boise, Idaho 83714 * USA * Ph (208) 375-5000, Fax (208) 378-9963 * Email sales@hydroblend.com
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Fluid Powered Chemical Dispensing Systems

Emollient/Skin Conditioner

Model # 6160-PVC-V (Teat Dip 1:9)

Max Ratio: 11.00% (16oz/gallon)

Min Ratio: 1.00%

Max Water Flow: 7 GPM @ 75 psi

Model # 6470-PVC-V Teat Dip 1:3, 1:5, 1:9, 1:19)

Max Ratio: 26.80% (47oz/gallon)

Min Ratio: 3.20%

Max Water Flow: 7 GPM @ 75 psi



Please be aware that the above units are our 6000 Series (7 GPM) Emollient specific proportioners. All units are configured with a SST Valve Block, Water Motor and Outlet Fitting. The chemical side of the pump is configured with a PVC Pump Head, Viton seals, and can be configured to mount on either a horizontal or a vertical surface.

Lactic Acid – Hot Water Specific

Model # 6040-HDPE-TTE,DMAC Hydroblend Proportioner

Max Ratio: 3.00% (4oz/gallon)

Min Ratio: 0.30%

Max Water Flow: 7 GPM @ 75 psi

Model # 6080-HDPE-TTE,DMAC Hydroblend Proportioner

Max Ratio: 5.80% (8oz/gallon)

Min Ratio: 0.60%

Max Water Flow: 7 GPM @ 75 psi

Model # MV6080-HDPE-TTE,DMAC Hydroblend Proportioner

Max Ratio: 5.80% (8oz/gallon)

Min Ratio: 0.60%

Max Water Flow: 12 GPM @ 75 psi



Please be aware that the above units are our 6000 Series (7 GPM) Lactic Acid specific proportioners. All units are configured with a SST Valve Block, Water Motor and Outlet Fitting. The chemical side of the pump is configured with an HDPE Pump Head, Lactic Acid specific seals, and can be configured to mount on either a horizontal or a vertical surface.

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Peracetic Acid – Hot Water Specific

Model # 6005-K-PA,DMAC Hydroblend Proportioner

Max Ratio:0.35% (0.5oz/gallon)

Min Ratio: 0.04%

Max Water Flow: 7 GPM @ 75 psi

Model # MV6003-K-PA,DMAC Hydroblend Proportioner

Max Ratio: 0.25% (0.32oz/gallon)

Min Ratio: 0.03%

Max Water Flow: 12 GPM @ 75 psi



Please be aware that the above units are our 6000 Series (7 GPM) PAA specific proportioners. All units are configured with a SST Valve Block, Water Motor and Outlet Fitting. The chemical side of the pump is configured with a Kynar Pump Head, PAA specific seals, and can be configured to mount on either a horizontal or a vertical surface.

Chlorine/Bleach

Model # 6005-HDPE-V,BLE Hydroblend Proportioner

Max Ratio: 0.35% (0.5oz/gallon)

Min Ratio: 0.04%

Max Water Flow: 7 GPM @ 75 psi

Model # 6010-HDPE-V,BLE Hydroblend Proportioner

Max Ratio: 0.75% (1oz/gallon)

Min Ratio: 0.08%

Max Water Flow: 7 GPM @ 75 psi

Model # 6015-HDPE-V,BLE Hydroblend Proportioner

Max Ratio: 1.15% (1.5oz/gallon)

Min Ratio: 0.12%

Max Water Flow: 7 GPM @ 75 psi

Model # 6020-HDPE-V,BLE Hydroblend Proportioner

Max Ratio: 1.50% (2oz/gallon)

Min Ratio: 0.15%

Max Water Flow: 7 GPM @ 75 psi



Please be aware that the above units are our 6000 Series (7 GPM) Chlorine specific proportioners. All units are configured with a SST Valve Block, Water Motor and Outlet Fitting. The chemical side of the pump is configured with an HDPE Pump Head, Viton seals, a Hastelloy Chemical Cylinder and can be configured to mount on either a horizontal or a vertical surface.

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CIP – Hot Water Specific

Model # MV6003-K-PA,DMAC Hydroblend Proportioner

Max Ratio: 1:400 (0.32oz/gallon)

Min Ratio: 1:4,000

Max Water Flow: 12 GPM @ 75 psi

Model # MV6050-HDPE-E,DMAC Hydroblend Proportioner

Max Ratio: 1:26

Min Ratio: 1:260

Max water Flow: 12 GPM @ 75 psi



Please be aware that the above units are our CIP specific proportioners. All units are configured with a SST Valve Block, Water Motor and Outlet Fitting. The chemical side of the pump is configured with materials that are compatible with the various CIP formulations.

Activator/Base Sanitizers

Model # 6040-DI-HDPE-V Hydroblend Proportioner

Max Ratio: 3.00% (4oz/gallon – Per Side)

Min Ratio: 0.30%

Max Water Flow: 7 GPM @ 75 psi

Model # 6080-DI-HDE-V Hydroblend Proportioner

Max Ratio: 5.80% (8oz/gallon – Per Side)

Min Ratio: 0.60%

Max Water Flow: 7 GPM @ 75 psi



Please be aware that the above units are our 6000 Series (7 GPM) Dual Injection designed specifically for the various Activator/Base Sanitizers. All units are configured with a SST Valve Block, Water Motor and Outlet Fitting. The chemical side of the pump is configured with an HDPE (High Density Polyethylene) Pump Head, Viton seals, and are designed to mount on a Horizontal surface.

Custom System Options:

All of the Hydroblend units can be configured to mount on one of our board or SST cabinet systems. These systems usually include a pressure regulator, water filter, mixing chamber, and all plumbing attachments making installation simple and trouble free.

For more information on any of our products please contact our manufacturing facility directly at (208) 375-5000.

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