



Technical Data Sheet

MURDOCK CAST IRON POST HYDRANTS DISCHARGE RATES

	15 psi	30 psi	45 psi	60 psi
3/4" Compression	22 gpm	25 gpm	27 gpm	30 gpm

Cast Iron Post Hydrants: M-E10, M-75, M-E75, M-NP75, M-NPL75, M-E123, M-275-RV

Cast Iron/Bronze Ground Hydrants: M-475, M-E475, M-V475, M-V476, M-477, M-V477, M-575, M-E575, M-577

3/4" Self-Closing	19 gpm	22 gpm	26 gpm	29 gpm
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Cast Iron Post Hydrants: M-175, M-175VA, M-ESHSC175, M-ESHSC175VA, M-2000, M-HH1

1" Compression	55 gpm	65 gpm	72 gpm	82 gpm
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Cast Iron Post Hydrants: M-100, M-EXPELO

Cast Iron Ground Hydrants: M-5100, M-6100

1" Self-Closing	53 gpm	65 gpm	67 gpm	72 gpm
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Cast Iron Post Hydrants: M-1100, M-2100

1-1/2" Compression	103 gpm	120 gpm	156 gpm	173 gpm
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Cast Iron Post Hydrant: M-150

Cast Iron Ground Hydrants: M-5150, M-6150

2" Compression	200 gpm	255 gpm	285 gpm	360 gpm
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Cast Iron Post Hydrant M-200

When inlet pressure exceeds 85 psi, we recommend the use of a commonly available pressure reducing valve (PRV) to avoid excessive wear on the washers and internal parts of the valve body.

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