

APPLICATION GUIDE

Two units in one, working together to combat your water quality issues.

The Alliance Series offers treatment for corrosion, chlorine, taste, odor and iron through filtration... Plus softens water.

WATER ISSUE:

Blue/green stains, pipe pitting, appliance corrosion and mineral deposits.

Recommended product: MP-CLRNS

WATER ISSUE:

Chlorine, musty, earthy tastes and mineral deposits.

Recommended product: MP-CLRTS

WATER ISSUE:

Iron, manganese and mineral deposits.

Recommended product: MP-CLRFES

Special application units also available for the reduction of uranium, tannin, nitrate and dealkalization.



Product Versions	Mineral Tank Assembly Size	Brine Tank Size	Backwash Flow (gpm)	Service Flow (gpm)
CLRNS/MP-CLRNS-20T	10" x 61"	18" x 33"	5.3	5.0
CLRNS/MP-CLRNS-30T	12" x 59"	18" x 40"	7.5	7.0
CLRNS/MP-CLRNS-40T	16" x 47"	18" x 40"	10.0	10.0
CLRTS/MP-CLRTS-20T	10" x 61"	18" x 33"	2.2	6.0
CLRTS/MP-CLRTS-30T	12" x 59"	18" x 40"	4.2	8.0
CLRTS/MP-CLRTS-40T	16" x 47"	18" x 40"	5.3	12.0
CLRFES/MP-CLRFES-20T	10" x 61"	18" x 33"	5.3	5.0
CLRFES/MP-CLRFES-30T	12" x 59"	18" x 40"	7.5	7.0
CLRFES/MP-CLRFES-40T	16" x 47"	18" x 40"	10.0	10.0

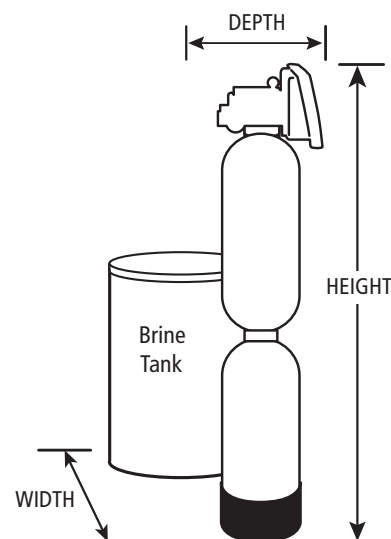
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1. Will the Alliance Series combination unit fit within the allocated space in my home?

Check table for space required

2. Will the Alliance Series combination unit meet my flow demand?

Check table for flowrate



ALLIANCE SERIES SYSTEMS	CLRNS / MP-CLRNS Neutralizer/Softener Blue/Green Stains Low pH/Mineral Deposits	CLRTS / MP-CLRTS Carbon/Softener Chlorine/Earthy Taste Mineral Deposits	CLRFES / MP-CLRFES Iron Filter/Softener Orange Brown Stains Mineral Deposits
System Size based on bathrooms	☐ 1–1.5 Bathrooms CLRNS/MP-CLRNS-20T ☐ 2–2.5 Bathrooms CLRNS/MP-CLRNS-30T ☐ 3–3.5 Bathrooms CLRNS/MP-CLRNS-40T	☐ 1–2 Bathrooms CLRTS/MP-CLRTS-20T ☐ 2.5–3 Bathrooms CLRTS/MP-CLRTS-30T ☐ 3.5–4 Bathrooms CLRTS/MP-CLRTS-40T	☐ 1–1.5 Bathrooms CLRFES/MP-CLRFES-20T ☐ 2–2.5 Bathrooms CLRFES/MP-CLRFES-30T ☐ 3–3.5 Bathrooms CLRFES/MP-CLRFES-40T
Flowrate Required to operate system	☐ 5.3 gpm CLRNS/MP-CLRNS-20T ☐ 7.5 gpm CLRNS/MP-CLRNS-30T ☐ 10 gpm CLRNS/MP-CLRNS-40T	☐ 2.2 gpm CLRTS/MP-CLRTS-20T ☐ 4.2 gpm CLRTS/MP-CLRTS-30T ☐ 5.3 gpm CLRTS/MP-CLRTS-40T	☐ 5.3 gpm CLRFES/MP-CLRFES-20T ☐ 7.5 gpm CLRFES/MP-CLRFES-30T ☐ 10 gpm CLRFES/MP-CLRFES-40T
Contaminant Limits	CLRNS/MP-CLRNS pH ≥ 5.6 @ <300 ppm TDS Hardness ≤ 10 gpg Total Iron ≤ 10 ppm Turbidity ≤ 25 ntu	CLRTS/MP-CLRTS Hardness ≤ 30 gpg Total Iron ≤ 1 ppm Turbidity ≤ 25 ntu	CLRFES/MP-CLRFES pH ≥ 7.0 @ <500 ppm TDS Hardness ≤ 20 gpg Total Iron ≤ 10 ppm Turbidity ≤ 25 ntu
Total Dimensions*	CLRNS/MP-CLRNS-20T 31"W x 19"D x 71"H CLRNS/MP-CLRNS-30T 31"W x 19"D x 69"H CLRNS/MP-CLRNS-40T 38"W x 19"D x 55"H	CLRTS/MP-CLRTS-20T 31"W x 19"D x 71"H CLRTS/MP-CLRTS-30T 31"W x 19"D x 69"H CLRTS/MP-CLRTS-40T 38"W x 19"D x 55"H	CLRFES/MP-CLRFES-20T 31"W x 19"D x 71"H CLRFES/MP-CLRFES-30T 31"W x 19"D x 69"H CLRFES/MP-CLRFES-40T 38"W x 19"D x 55"H

* Depth size includes bypass and tail piece connection.

If above parameters cannot be used to determine system, call Master Water Conditioning.

Application notes:

- Accurate water analysis is critical
- Local conditions can influence system performance
- Sulfur-free water required for CLRFES/MP-CLRFES or CLRTS/MP-CLRTS systems