

**NHB CONFIGURATION**  
(non hard water bypass - MAV)

**1" and 1"¼ VALVE**

- No hard water bypass valve  
5303020764 (F-F)  
5303020765 (F-M)



**2" L VALVE**

- Motorized alternating valve (MAV)  
5303028622
- Plug on port B



**1"½ VALVE**

- Motorized alternating valve (MAV)  
5303021167
- Plug on port B



**2" H VALVE**

- Valve with optional bypass valve  
5302034909



**DUPLEX ALTERNATING SYSTEM**

All MAVs are delivered with interconnection cable

**1" and 1"¼ VALVE**



2 x 1" or 1"¼ valves  
to be chosen between :

- EI with mixing 5302034328
  - EI without mixing 5302034326
  - CI with mixing 5302031464
  - CI without mixing 5302034069
- 1"¼ VALVE**
- EI with mixing 5302034960
  - EI without mixing 5302030282
  - CI with mixing 5302039955
  - CI without mixing 5302034956



**1 MAV**  
5303020763

**2x2 VERTICAL 90° ADAPTER KIT**  
limited by tank diameter  
5303024087



**DLFC ¾"**  
<10gpm  
holder 5303025098  
DLFC 5303024091-4103



**DLFC 1"**  
10-25 gpm  
OR holder 5303024083  
DLFC 5303024104-4110



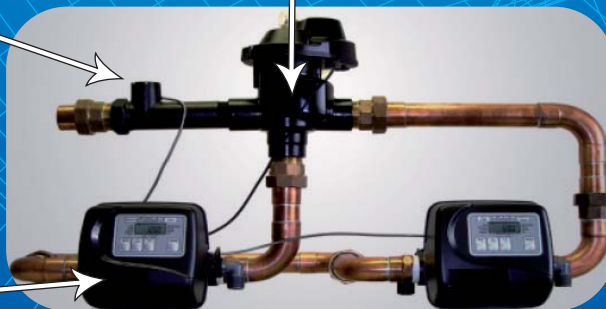
**2 BY-PASSES**  
5303024075

**1"½ VALVE**



**1 METER 1"½**  
5303021165

**1 MAV**  
5302031167



**2 DLFC 1"**  
holder 5303024083  
DLFC 5303024104-4110



- 2 x 1"½ VALVES  
to be chosen between :
- EI 5302034969
  - CI 5302034966

**CAUTION**

- For tank below 18" tank diameter,  
use a 3/8" brine line
- For tank above or equal to 18" tank diameter,  
use a 1/2" brine line



## DUPLEX ALTERNATING SYSTEM

2" L VALVE

2" METER  
5303028613

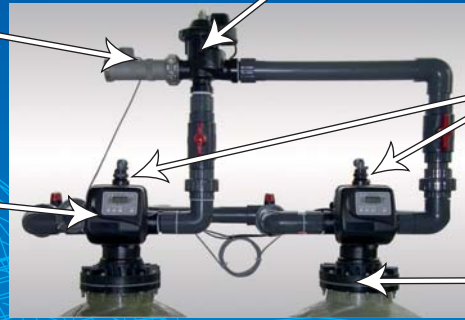


2 x 2" L VALVES  
to be chosen between

- EI 5302034979
- CI 5302034974



1 x 2" MAV  
5303028622



All MAVs are delivered with interconnection cable



2 x 1" DLFC  
Holder  
5303024083  
DLFC  
5303024104-4110

2 MOUNTING  
BASES

MOUNTING BASE FOR  
2" L and 2" H VALVES



4" standard threaded base  
5303028623



4" quick connect base  
5303028616



6" flange base  
5303028617

2" H VALVE



2 x 2" H VALVES  
5302037036



2 MOUNTING BASE

1 x 2" MAV  
5303028622

1 INTERCONNECTION CABLE

- 3,6 m 5303021059
- 7,2 m 5303021060
- 10,8 m 5303021061



2 x 2" DLFC holders  
5303028615  
+ 5 x 3/4" DLFC  
(5303024091 to 4103)  
or 4 x 1" DLFC  
(5303024104 to 4110)

2" H :  
SIDE MOUNTED  
5302034910



IMPORTANT NOTE : 2" H alternating duplex system can be designed with two optional bypass valves (easy installation) or a 2" motorized alternating valve (cost competitive)

## DUPLEX PARALLEL SYSTEM

2" H VALVE

The system can work either in total parallel or in alternating up to a certain flow rate and then in total parallel

- 2 x 2" H valves 5302037036
- 2 mounting bases
  - 4" standard threaded base 5303028623
  - 4" quick connect base 5303028616
  - 6" flange base 5303028617
- 2 x 2" DLFC holder 5303028615
  - 5x DLFC 3/4" 5303024091 to 5303024103
  - or 4x DLFC 1" 5303024104 to 5303024110
- 2 x optional bypass valves 5302034909
- 1 interconnection cable
  - 3.6 m 5303021059
  - 7.2 m 5303021060
  - 10.8 m 5303021061



IMPORTANT NOTE : Duplex parallel system can be created with all Clack valves using 2 NHB configuration with one additional meter for valves with diameter above 1 1/4.

## TRIPLEX OR QUADRUPLEX SYSTEM

2" H VALVE

The system can work either in total parallel or in alternating up to a certain flow rate and then in total parallel

- 3 or 4 2" H valves 5302037036
- 3 or 4 mounting base
  - 4" standard threaded base 5303028623
  - 4" quick connect base 5303028616
  - 6" flange base 5303028617
- 3 or 4 optional bypass valves 5302034909
- 3 or 4 DLFC 5303028615
- 2 or 3 interconnection cable
  - 3.6 m 5303021059
  - 7.2 m 5303021060
  - 10.8 m 5303021061
- 1 electronic circuit board 5303021046



Note : A large number of other configurations exists, especially in filter version. To keep it easily readable, only major ones have been taken into account.

OPTION FOR 2" H VALVE : Switch for dry contact during regeneration : Use electronic board 5303021046

