



## COMPLETE WATER MANAGEMENT SOLUTIONS FOR RESIDENTIAL AND INDUSTRIAL USE

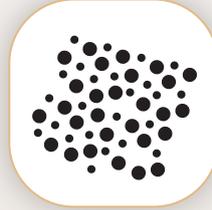


# REASONS OF POOR WATER QUALITY

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Fe

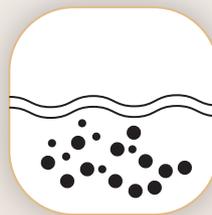
Excess Iron



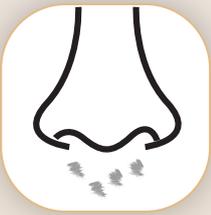
Sediment



Silt



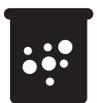
Decayed Material



Foul Smell

Cl

Excess Chlorine



Hardness



# THE IMPACT OF POOR WATER QUALITY ON YOUR HOUSEHOLD

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Rough Skin



Hair Loss



Spots on Fitting & Utensils



Stain on Tiles



Colour Fading

## AUTOMATIC SOFTENER -2000

Model: LS-2, Automatic Softener 2000 converts hard water into soft water and comes with distinctive 225NA Resin Media. The primary function of the LARVX AutoSoft 2000 is to condition the incoming hard water to a softer form, which improves the experience of bathing, washing, and laundering and eliminates the scum formation and scaling effects of hard water on appliances and bathroom accessories. The LS2000 softens water at 2000 LPH flow rates.



| SPECIFICATION                  |                                    |
|--------------------------------|------------------------------------|
| Water Flow                     | 2000 LPH                           |
| Diameter                       | 10 inches (25.4) cm                |
| Height                         | 54 Inches(137.16)                  |
| Inlet max Hardness (As Caco3)  | 800 ppm                            |
| Treated Hardness (As Caco3)    | <50 ppm                            |
| Inlet/Outlet Connection Size   | 1 inch                             |
| Drain Line                     | 0.5 inch                           |
| Electric Supply                | F230 V AC/6 Amp - 1 point Electric |
| Treated water output at 500ppm | 1700 ltrs.                         |
| Salt Tank Capacity             | 30 kg                              |
| 225NA resin quantity           | 50 ltrs                            |
| Installation footprint         | Table top                          |
| Softener Vessels               | Included                           |
| Process Valve                  | Fully Automatic Programmable       |
| Regeneration Pump              | Not applicable                     |
| Salt per recharge in kgs       | 4                                  |

## AUTOMATIC SOFTENER -3000

Model: LS-3, Automatic Softener 3000 converts hard water into soft water and comes with distinctive 225NA Resin Media. The primary function of the LARVX AutoSoft 3000 is to condition the incoming hard water to a softer form, which improves the experience of bathing, washing, and laundering and eliminates the scum formation and scaling effects of hard water on appliances and bathroom accessories. The LS-3000 softens water at 3000 LPH flow rates.



| SPECIFICATION                  |                                       |
|--------------------------------|---------------------------------------|
| Water Flow                     | 3000 LPH                              |
| Diameter                       | 13 inches (330.2) cm                  |
| Height                         | 54 Inches(137.16)                     |
| Inlet max Hardness (As Caco3)  | 1200 ppm                              |
| Treated Hardness (As Caco3)    | <80 ppm                               |
| Inlet/Outlet Connection Size   | 1 inch                                |
| Drain Line                     | 0.5 inch                              |
| Electric Supply                | F230 V AC/6 Amp -<br>1 point Electric |
| Treated water output at 500ppm | 1700 ltrs.                            |
| Salt Tank Capacity             | 50 kg                                 |
| 225NA resin quantity           | 75 ltrs                               |
| Installation footprint         | Table top                             |
| Softener Vessels               | Included                              |
| Process Valve                  | Fully Automatic<br>Programmable       |
| Regeneration Pump              | Not applicable                        |
| Salt per recharge in kgs       | 5                                     |

## AUTOMATIC SOFTENER -5000

Model: LS-5, Automatic Softener 5000 converts hard water into soft water and comes with distinctive 225NA Resin Media. The primary function of the LARVX AutoSoft 5000 is to condition the incoming hard water to a softer form, which improves the experience of bathing, washing, and laundering and eliminates the scum formation and scaling effects of hard water on appliances and bathroom accessories. The LS5000 softens water at 5000 LPH flow rates.



| SPECIFICATION                  |                                    |
|--------------------------------|------------------------------------|
| Water Flow                     | 5000 LPH                           |
| Diameter                       | 16 inches (406.1) cm               |
| Height                         | 65 Inches(1651)                    |
| Inlet max Hardness (As Caco3)  | 1200 ppm                           |
| Treated Hardness (As Caco3)    | <80 ppm                            |
| Inlet/Outlet Connection Size   | 1 inch                             |
| Drain Line                     | 0.5 inch                           |
| Electric Supply                | F230 V AC/6 Amp - 1 point Electric |
| Treated water output at 500ppm | 1700 ltrs.                         |
| Salt Tank Capacity             | 100kg                              |
| 225NA resin quantity           | 150 ltrs                           |
| Installation footprint         | -                                  |
| Softener Vessels               | Included                           |
| Process Valve                  | Fully Automatic Programmable       |
| Regeneration Pump              | Not applicable                     |
| Salt per recharge in kgs       | 6                                  |

# HARMFUL EFFECT OF CHOLORINE IN WATER

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**Foul Odour in Water**

**Activated Carbon Filters  
Recommended Over 0.2 ppm  
Chlorine level**

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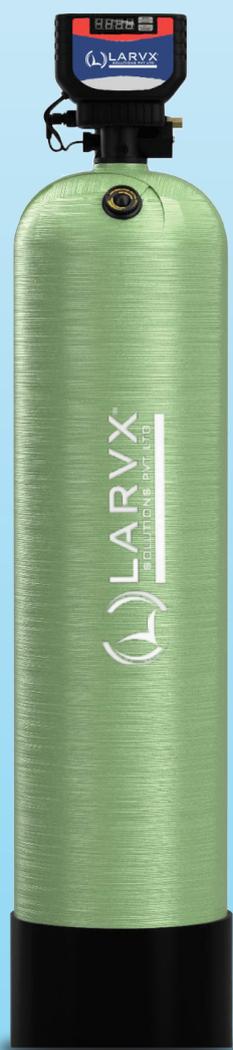


**Chlorine Dries and Tans  
Your Skin While Also Making  
Your Hair Brittle & Frizzy**



## AUTOMATIC CARBON FILTER-2000

LARVX Automatic Carbon Filter is a new generation of activated carbon for the removal of chlorine, undesirable colour, and odour from the water. The LARVX Carbon Filter is an automatic carbon filtration system that delivers clear water from chlorinated water. It is designed to remove all the unwanted chemicals and organic compounds like chlorine, pesticides, and other Volatile Organic Compounds (VOCs) that may be present in the water.

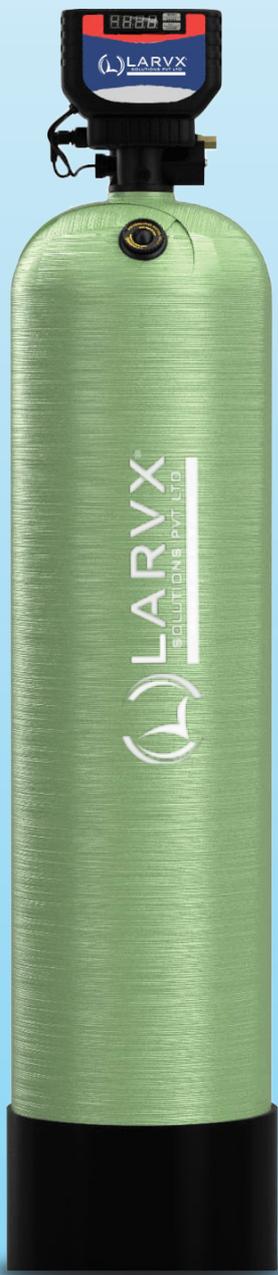


### SPECIFICATION

|                                       |   |
|---------------------------------------|---|
| <b>TANK SIZE (PRESSURE VESSEL)</b>    | 12*48*2.5 TOP OPENING   |
| <b>Flow rate up to</b>                | 3.0 m3/h  |
| <b>Working Pressure (Kg/cm2)</b>      | -   |
| <b>Minimum Maximum</b>                | 1.8 3.5   |
| <b>Filter Media</b>                   | Activated carbon, Resin & Coarse Silex                              |
| <b>Inlet, Outlet and Dran fitting</b> | 1"  |
| <b>Electric supply requirement</b>    | 230VAC, 6AMP  |
| <b>Process valve</b>                  | Fully programmable automatic valve powered by 12VDC/1.5 AMP adapter |
| <b>Outlet Chlorine</b>                | Nil   |
| <b>Outlet Colour, Odor</b>            | Nil   |

## AUTOMATIC CARBON FILTER-3000

ARVX Automatic Carbon Filter is a new generation of activated carbon for the removal of chlorine, undesirable colour, and odour from the water. The LARVX Carbon Filter is an automatic carbon filtration system that delivers clear water from chlorinated water. It is designed to remove all the unwanted chemicals and organic compounds like chlorine, pesticides, and other Volatile Organic Compounds (VOCs) that may be present in the water.



### SPECIFICATION

|   |   |
|---|---|
| <b>TANK SIZE (PRESSURE VESSEL)</b>          | 13*54*2.5 TOP OPENING   |
| <b>Flow rate up to</b>                      | 3.0 m <sup>3</sup> /h   |
| <b>Working Pressure (Kg/cm<sup>2</sup>)</b> | -   |
| <b>Minimum Maximum</b>                      | 1.8 3.5   |
| <b>Filter Media</b>                         | Activated carbon, Resin & Coarse Silex                              |
| <b>Inlet, Outlet and Dran fitting</b>       | 1"  |
| <b>Electric supply requirement</b>          | 230VAC, 6AMP  |
| <b>Process valve</b>                        | Fully programmable automatic valve powered by 12VDC/1.5 AMP adapter |
| <b>Outlet Chlorine</b>                      | Nil   |
| <b>Outlet Colour, Odor</b>                  | Nil   |

## AUTOMATIC CARBON FILTER-5000

ARVX Automatic Carbon Filter is a new generation of activated carbon for the removal of chlorine, undesirable colour, and odour from the water. The LARVX Carbon Filter is an automatic carbon filtration system that delivers clear water from chlorinated water. It is designed to remove all the unwanted chemicals and organic compounds like chlorine, pesticides, and other Volatile Organic Compounds (VOCs) that may be present in the water.



### SPECIFICATION

|   |   |
|---|---|
| <b>TANK SIZE (PRESSURE VESSEL)</b>          | 16*65*2.5 TOP OPENING   |
| <b>Flow rate up to</b>                      | 3.0 m <sup>3</sup> /h   |
| <b>Working Pressure (Kg/cm<sup>2</sup>)</b> | -   |
| <b>Minimum Maximum</b>                      | 1.8 3.5   |
| <b>Filter Media</b>                         | Activated carbon, Resin & Coarse Silex                              |
| <b>Inlet, Outlet and Dran fitting</b>       | 1"  |
| <b>Electric supply requirement</b>          | 230VAC, 6AMP  |
| <b>Process valve</b>                        | Fully programmable automatic valve powered by 12VDC/1.5 AMP adapter |
| <b>Outlet Chlorine</b>                      | Nil   |
| <b>Outlet Colour, Odor</b>                  | Nil   |

# THE HIDDEN DANGERS OF EXCESS IRON IN WATER

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**Damage Pipes**



**Stain on Fixtures  
and Appliances**



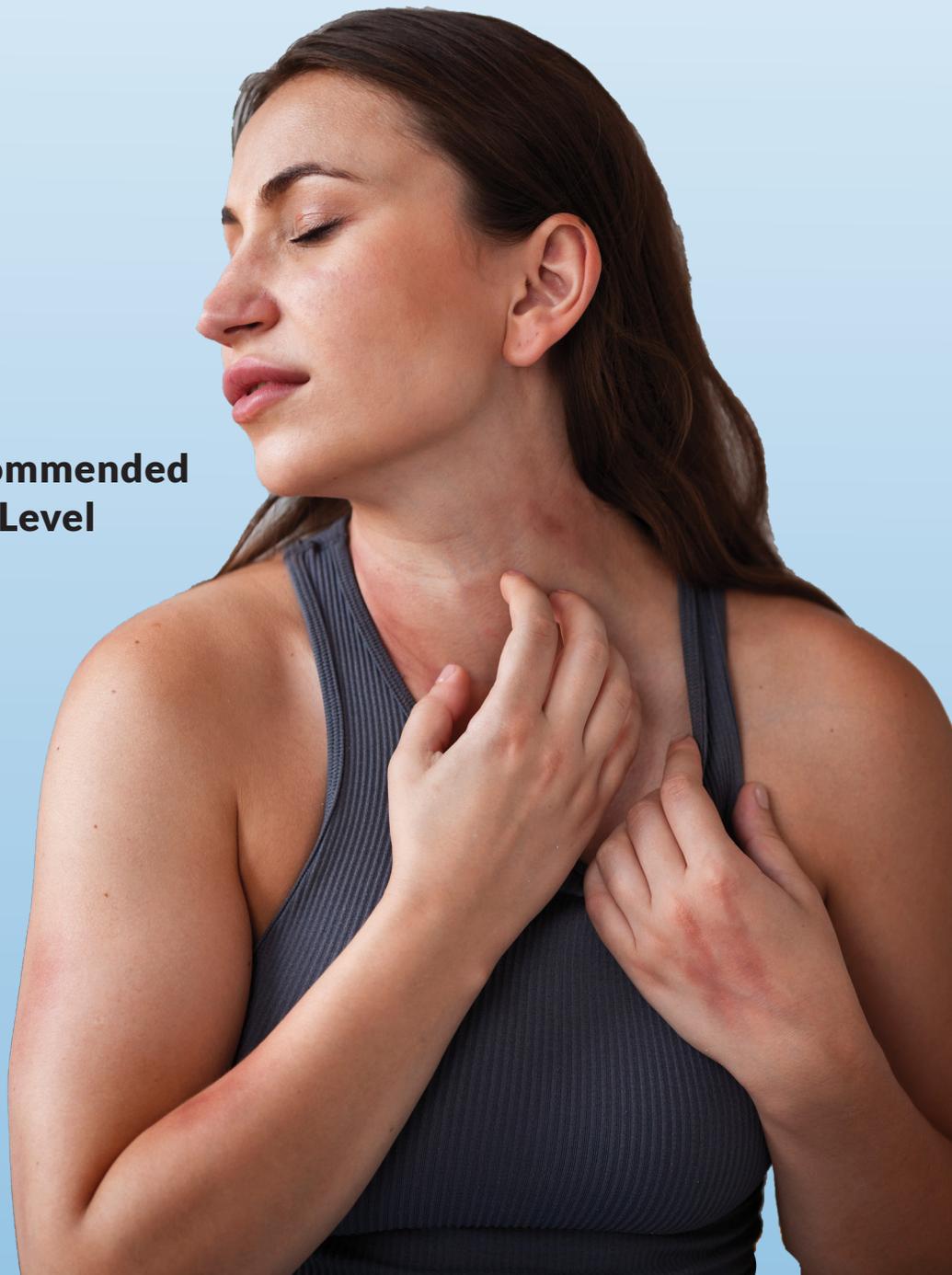
**Unpleasant Metallic  
Taste**



**Dull Clothes**

**Iron Removers recommended  
for over 1ppm Iron Level**

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## AUTOMATIC IRON FILTER 2000

The LARVX Automatic Iron Filter is used to remove dissolved iron from the raw water. An automatic filtration system that ensures mud-free water. The LARVX Automatic Iron Filter is an automatic iron filtration system that delivers clear water from water full of iron particles. It is designed to remove all the dissolved iron from the raw water to enhance its performance.



### SPECIFICATION

|   |   |
|---|---|
| <b>MODEL</b>                                | LI-2  |
| <b>TANK SIZE (PRESSURE VESSEL)</b>          | 12" X 48", 2.5" TOP OPENING   |
| <b>Flow rate up to</b>                      | 3.0 m <sup>3</sup> /h   |
| <b>Working Pressure (Kg/cm<sup>2</sup>)</b> | -   |
| <b>Minimum Maximum</b>                      | 2 3.5   |
| <b>Filter Media</b>                         | ISR Resin & Coarse Silex  |
| <b>ISR resin (Liter)</b>                    | 110   |
| <b>Coarse Silex (Kg)</b>                    | 15  |
| <b>Output @5ppm Iron (m<sup>3</sup>)</b>    | 22  |
| <b>Inlet, Outlet &amp; Drain fitting</b>    | 1"  |
| <b>Electric supply requirement</b>          | 230VAC, 6 AMP   |
| <b>Process valve</b>                        | Fully programmable automatic valve powered by 12VDC/1.5 AMP adaptor |
| <b>Treated water Iron</b>                   | <0.3 ppm  |

## AUTOMATIC IRON FILTER 3000

The LARVX Automatic Iron Filter is used to remove dissolved iron from the raw water. An automatic filtration system that ensures mud-free water. The LARVX Automatic Iron Filter is an automatic iron filtration system that delivers clear water from water full of iron particles. It is designed to remove all the dissolved iron from the raw water to enhance its performance.



### SPECIFICATION

|   |   |
|---|---|
| <b>MODEL</b>                                | LI-3  |
| <b>TANK SIZE (PRESSURE VESSEL)</b>          | 13" X 54", 2.5" TOP OPENING   |
| <b>Flow rate up to</b>                      | 3.0 m <sup>3</sup> /h   |
| <b>Working Pressure (Kg/cm<sup>2</sup>)</b> | -   |
| <b>Minimum Maximum</b>                      | 2 3.5   |
| <b>Filter Media</b>                         | ISR Resin & Coarse Silex  |
| <b>ISR resin (Liter)</b>                    | 110   |
| <b>Coarse Silex (Kg)</b>                    | 15  |
| <b>Output @5ppm Iron (m<sup>3</sup>)</b>    | 22  |
| <b>Inlet, Outlet &amp; Drain fitting</b>    | 1"  |
| <b>Electric supply requirement</b>          | 230VAC, 6 AMP   |
| <b>Process valve</b>                        | Fully programmable automatic valve powered by 12VDC/1.5 AMP adaptor |
| <b>Treated water Iron</b>                   | <0.3 ppm  |

## AUTOMATIC IRON FILTER 5000

The LARVX Automatic Iron Filter is used to remove dissolved iron from the raw water. An automatic filtration system that ensures mud-free water. The LARVX Automatic Iron Filter is an automatic iron filtration system that delivers clear water from water full of iron particles. It is designed to remove all the dissolved iron from the raw water to enhance its performance.



### SPECIFICATION

|  |   |
|--|---|
| MODEL                                  | LI-5  |
| TANK SIZE (PRESSURE VESSEL)            | 16" X 65", 2.5" TOP OPENING   |
| Flow rate up to                        | 3.0 m <sup>3</sup> /h   |
| Working Pressure (Kg/cm <sup>2</sup> ) | -   |
| Minimum Maximum                        | 2 3.5   |
| Filter Media                           | ISR Resin & Coarse Silex  |
| ISR resin (Liter)                      | 110   |
| Coarse Silex (Kg)                      | 15  |
| Output @5ppm Iron (m <sup>3</sup> )    | 22  |
| Inlet, Outlet & Drain fitting          | 1"  |
| Electric supply requirement            | 230VAC, 6 AMP   |
| Process valve                          | Fully programmable automatic valve powered by 12VDC/1.5 AMP adaptor |
| Treated water Iron                     | <0.3 ppm  |

# PROBLEMS CAUSED BY SEDIMENT

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**Unsafe Water for Household Use**



**Damage to Plumbing Systems & Reduced Flow**



**Appliance Damage Due to Sediment buildup**

**Sediment Filters Recommended For Over 1 NTU Turbidity Level**

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## AUTOMATIC SAND FILTER-2000

The LARVX Automatic Sand Filter is designed to remove turbidity and suspended matter in raw water, which enhances the performance of softeners and larger RO systems. An automatic sand filtration valve, filter media, and a media holding vessel are the key components of this unit.



| SPECIFICATION                          |  |
|--|--|
| MODEL                                  | LSF-2  |
| TANK SIZE (PRESSURE VESSEL)            | 12" X 48", 2.5" TOP OPENING  |
| Flow rate up to                        | 3.0m <sup>3</sup> //h  |
| Working Pressure (Kg/cm <sup>2</sup> ) | -  |
| Minimum Maximum                        | 1.8 3.5  |
| Multigrade Filter media                | High-Grade Sand, Garnet and Silex.                                 |
| Inlet outlet fitting                   | 1 " female thread  |
| Drain Fitting                          | 1 " female thread  |
| Electrical supply requirement          | 230 VAC, 6Amp  |
| Process valve                          | Fully programmable automatic valve powered by 12VDC/1.5Amp adaptor |
| Inlet turbidity                        | <20 NTU  |
| Turbidity reduction                    | Better than 50%  |
| Inlet suspended solid                  | <25 ppm  |
| Suspended salt reduction               | Up to 80%  |

## AUTOMATIC SAND FILTER-3000

The LARVX Automatic Sand Filter is designed to remove turbidity and suspended matter in raw water, which enhances the performance of softeners and larger RO systems. An automatic sand filtration valve, filter media, and a media holding vessel are the key components of this unit.

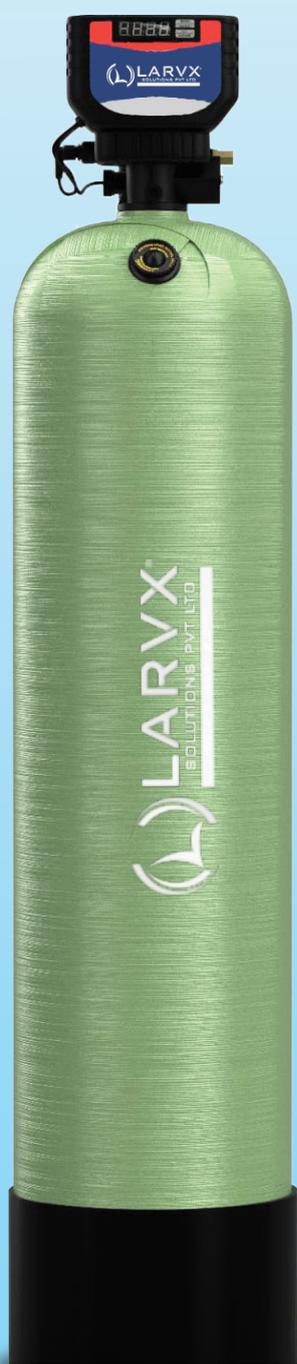


### SPECIFICATION

|   |  |
|---|--|
| <b>MODEL</b>                                | LSF-3  |
| <b>TANK SIZE (PRESSURE VESSEL)</b>          | 13" X 54", 2.5" TOP OPENING  |
| <b>Flow rate up to</b>                      | 3.0m <sup>3</sup> //h  |
| <b>Working Pressure (Kg/cm<sup>2</sup>)</b> | -  |
| <b>Minimum Maximum</b>                      | 1.8 3.5  |
| <b>Multigrade Filter media</b>              | High-Grade Sand, Garnet and Silex.                                 |
| <b>Inlet outlet fitting</b>                 | 1 " female thread  |
| <b>Drain Fitting</b>                        | 1 " female thread  |
| <b>Electrical supply requirement</b>        | 230 VAC, 6Amp  |
| <b>Process valve</b>                        | Fully programmable automatic valve powered by 12VDC/1.5Amp adaptor |
| <b>Inlet turbidity</b>                      | <20 NTU  |
| <b>Turbidity reduction</b>                  | Better than 50%  |
| <b>Inlet suspended solid</b>                | <25 ppm  |
| <b>Suspended salt reduction</b>             | Up to 80%  |

## AUTOMATIC SAND FILTER-5000

The LARVX Automatic Sand Filter is designed to remove turbidity and suspended matter in raw water, which enhances the performance of softeners and larger RO systems. An automatic sand filtration valve, filter media, and a media holding vessel are the key components of this unit.



### SPECIFICATION

|   |  |
|---|--|
| <b>MODEL</b>                                | LSF-5  |
| <b>TANK SIZE (PRESSURE VESSEL)</b>          | 16" X 65", 2.5" TOP OPENING  |
| <b>Flow rate up to</b>                      | 3.0m <sup>3</sup> //h  |
| <b>Working Pressure (Kg/cm<sup>2</sup>)</b> | -  |
| <b>Minimum Maximum</b>                      | 1.8 3.5  |
| <b>Multigrade Filter media</b>              | High-Grade Sand, Garnet and Silex.                                 |
| <b>Inlet outlet fitting</b>                 | 1 " female thread  |
| <b>Drain Fitting</b>                        | 1 " female thread  |
| <b>Electrical supply requirement</b>        | 230 VAC, 6Amp  |
| <b>Process valve</b>                        | Fully programmable automatic valve powered by 12VDC/1.5Amp adaptor |
| <b>Inlet turbidity</b>                      | <20 NTU  |
| <b>Turbidity reduction</b>                  | Better than 50%  |
| <b>Inlet suspended solid</b>                | <25 ppm  |
| <b>Suspended salt reduction</b>             | Up to 80%  |



**TRANSFORM YOUR LIFE, ONE POSITIVE STEP  
AT A TIME.**

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