

## Sluice valve/Check valve

### Sluice valve (Inner screw type)



- Valve set including sluice valve, check valve, packing, bolts, nuts, and attaching adapters is also available

Bore: 40~200mm  
Nylon coating model  
Bore 40~150mm is also available

### Swing check valve (with by pass)



Bore: 40~200mm

### Shockless valve (impact relief check valve)



- Less friction loss protect pump and piping from water hammer

Nylon coating model is also available

## Foot valve/Suction unit

### VF-VF2 foot valve with lever

(With 3m stainless steel wire)

- VF2: Rust free resin material



VF2  
32~80mm



VF  
40~80mm

VFF: Flange type  
100~250mm is also available

### Stainless steel foot valve

- Using SCS13 for main parts, hard and long life



VFST (2)  
40~100mm

VFSF: Flange type  
50~250mm is also available

### Suction unit

- Useful for maintenance and inspection of foot valve and suction pipe
- Lever of foot valve is easy able to move from the ground
- Foot valve and suction pipe is able to lift up from the ground (not necessary to enter in the water tank)



Bore: 40~250mm  
SSF-S: Stainless steel type is also available

## Vibration isolator

### Application

- Prevent pump from vibration and resonance

### Features

- Various types of vibration proof beds are available, enabling you to select one to meet your needs in view of the surrounding environment.
- Installation is easy because not necessary particular foundation and installation work at the site
- Can treat working load after pump operation, management for maintenance and control can be saved



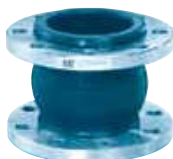
QRE



PX

## Vibration proof joint · Pipe silencer

### Vibration proof joint (rubber ball type)



Bore: 25~200mm

- Can not be used for hot water supply and water circulation for pool water

### Pipe silencer



Bore: 32~200mm

- Absorb pressure pulse and vibration from pump
- Can directly connect with pump same as vibration proof joint
- Nylon coating flange type for preventing red discolorment water is also available
- Can be used at both suction and discharge side
- Can not be used for hot water supply and water circulation for pool water

## Heater for pump

### Application

- Prevent pump from broken by freezing

### Features

- Accurate working by adopting special thermostat
- Be able to check heater wire is cut together with working of control panel

### Heater of pump (with 3m code)

Thermostat is included as standard for Heater



### Heater control panel (indoor installation)

Combination use with Heater (Thermostat built in)

Model	Rated capacity (W)	Rated voltage (V)	Display	Alarm terminal
ECH3-0.4T	50~440	AC200	Power source, Power on, Wire cut	No voltage
ECH4-0.4		AC100/200	—	—

Standard end suction

For circulation line pump

Stainless Magnet Coupling

Self priming type

Standard accessory