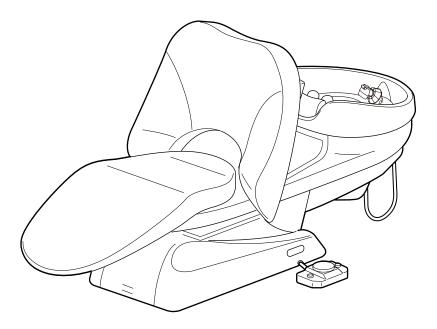
# SHAMPOO UNIT



# INSTALLATION INSTRUCTIONS

#### IMPORTANT

This manual provides information and instructions for YUME SHAMPOO UNIT. The instructions contained in this booklet should be thoroughly read and understood before attempting to install the equipment. After the installation is completed, le this manual and refer back to it

for future maintenance.



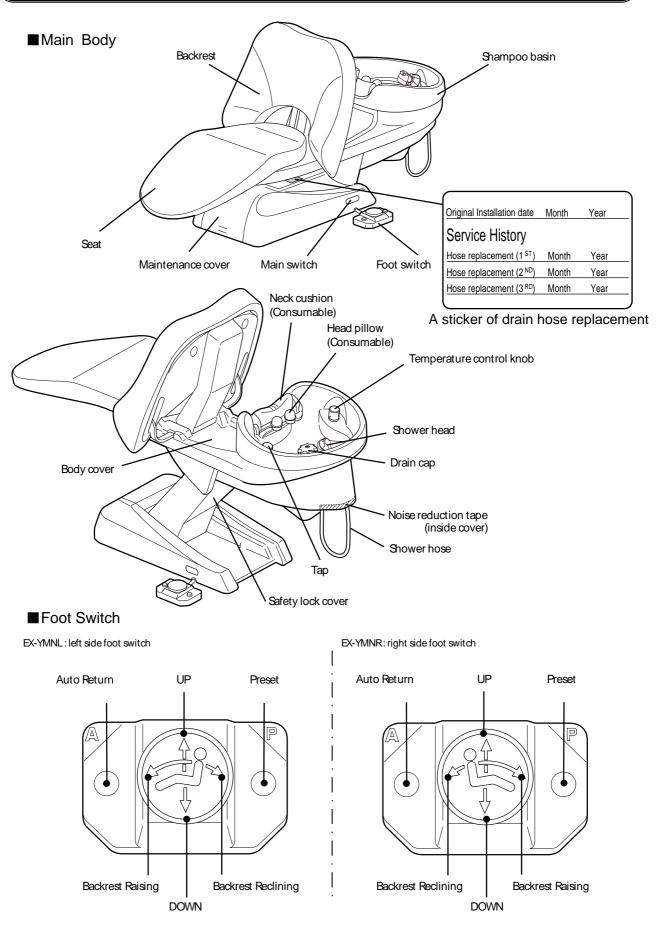


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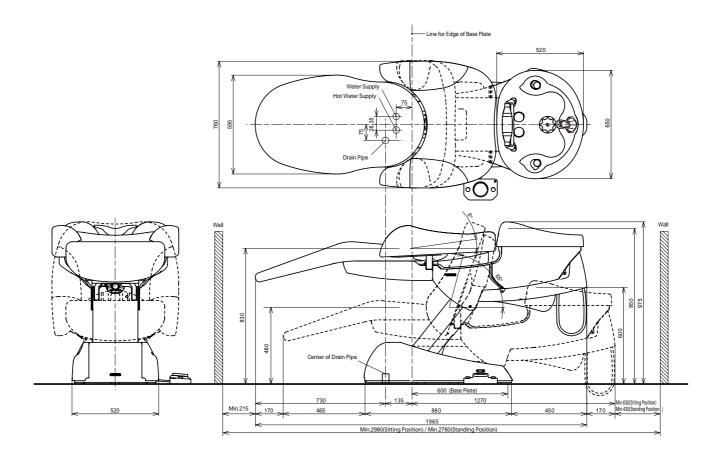
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# 1. Overall View and Major Components

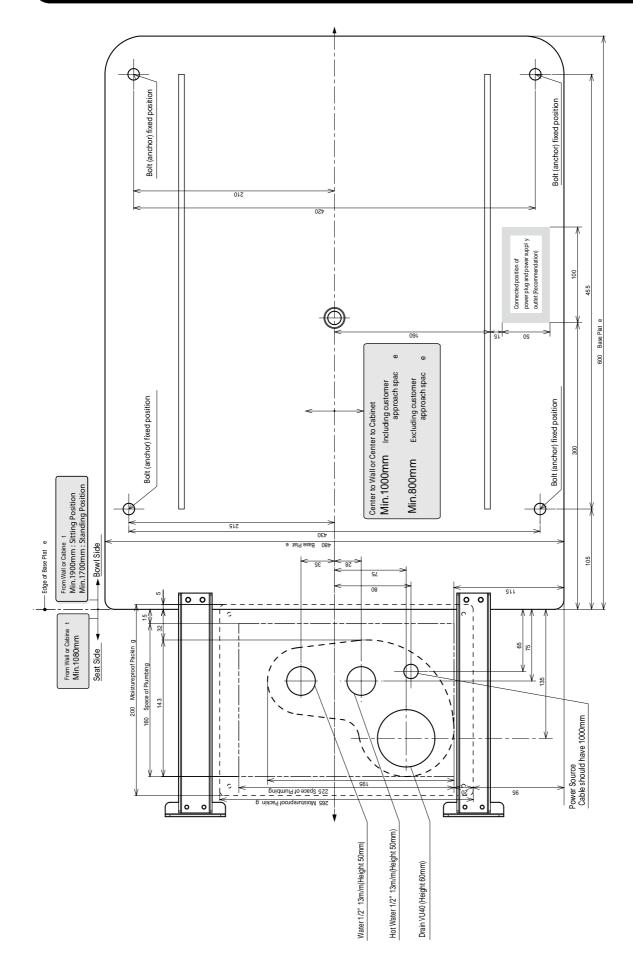


# 2. Dimension & Speci cations



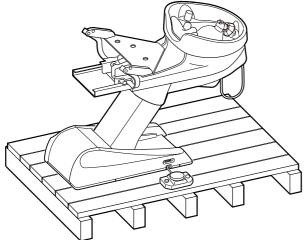
Туре	- EX-YMNL, EX-YMNR, SU-YM
Drive System	- Motorized Hydraulic System
Measurement	760 x 1985 x 975 mm (W x L x H)
Angle of Bracket	$-59^{\circ} (6^{\circ} \sim 65)$
Type of Mixing	Thermo Mixing
Stop Valve	- Water x 1 (Handle Type) / Hot Water x 1 (Handle Type)
Electrical Requirements	AC 110 • 120V 50/60 Hz 5.8/4.4A
Electrical Requirements	AC 220V 50/60 Hz 2.1/2.5A
Electrical Requirements	AC 230V 50/60 Hz 2.1/2.4A
Electrical Requirements	AC 240V 50/60 Hz 2.3/2.3A
Electrical Requirements	AC 230V 50/60 Hz 2.1/2.4A(CE Spec,)
Usage Environment	Operational Temperature ( $10 \sim 40^{\circ}$ C)
Water and HotWater	0.08 $\sim$ 0.6Mpa (0.8 $\sim$ 6kgf/cm <sup>2</sup> )
Supply Pressure	Water Supply Pressure $\geq$ Hot Water Supply Pressure
	Pressure difference between water supply and hot water supply with 0n2Mpa (2kgf. cm <sup>2</sup> )
WaterVolume (Shower Head)-	10L /min (water and hot water pressure are 0.1 Mpa)
Weight	- 156 kg

# 3. Plumbing Layout

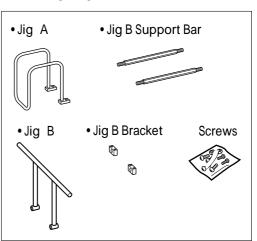


# 4. Contents of Unpacked Product

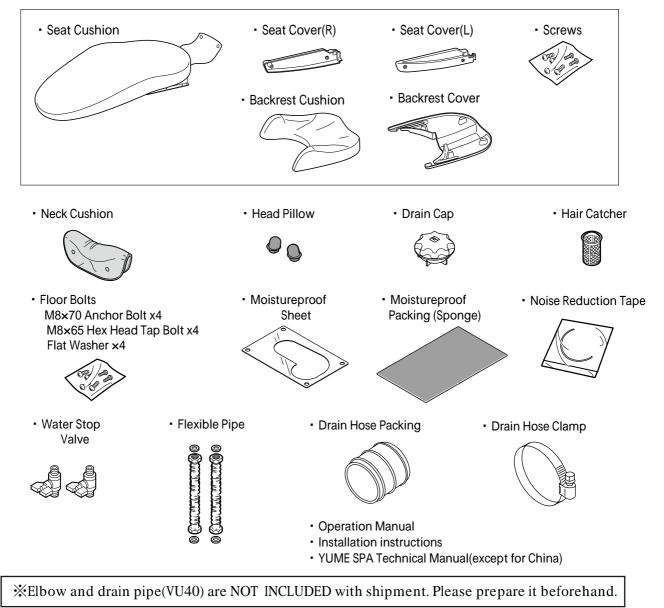
• YUME Main Body



• Carriage Jig [OPTION]



Seat and Backrest set



## 5. Installation Instruction

- 5-1. Preparations for Installations
  - 1. Unpacking

Remove nails from lower part of wooden crate. Lift up the upper portion of wooden crate. Chair will be left on the skid.

- 2. Remove the pump cover
  - 1. Remove the screws and remove maintenance cover base cover left and right from main body
  - 2. Remove the oil plug with red tag from oil reservoir
  - 3. Plug the unit power supply plug in to the suitable power supply outlet.
  - 4. Turn on the main switch located on the left side Maintenance Cover of base.
  - 5. Keep depressing UP button of foot switch until the seat is lifted up to the end.
  - 6. Turn off the main switch.
  - 7. Unplug the unit power plug from power supply outlet.

Note : Do not remove the unit from the pallet until the unit xing position is ready.

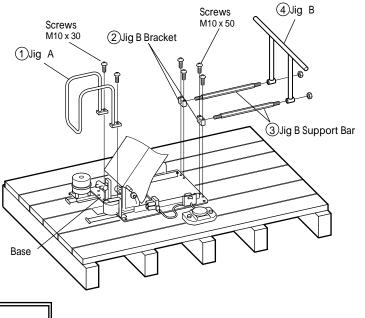
#### 5-2. Installation of the Carriage Jig

Holding the Carriage Jig and place it at planned location. Do not carry by holding the body or basin.

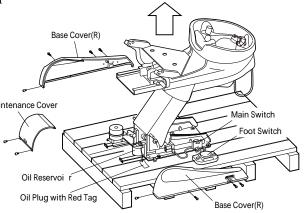
- 1. Fix the Jig A to the base.(M10 x 30)
- 2. Fix the Jig B bracket to the base.(M10 x 50)
- 3. Attach the Jig B support bar to the Jig B bracket.
- 4. Attach the Jig B to the Jig B support bar and tighten the nuts.(M16)

#### CAUTION

Do not turn on power during installation.



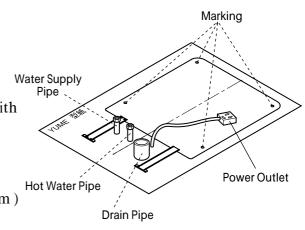
Nails Nails



#### 5-3. Marking for unit xing position

Use supplied full scale template to mark the xing position on the oor. Check the piping and power outlet position before marking.

- 1. Put the supplied templete on the oor and hold with the tape etc. It should be set to the position of piping and power outlet.
- 2. The chair xing position is marked on the oor.
- 3. Make it holes for marked position. (8.5 mm x 50 mm )
- 4. Remove the template from the oor.



#### 5-4. Fix the Moistureproof sheet and packing

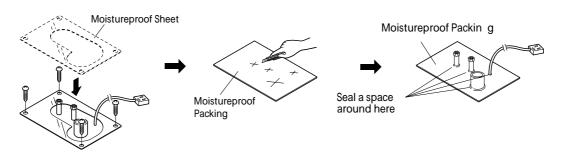
Please obtain the moistureproof sheet and the moistureproof packing to prevent from the main body damaged by the moisture. Deterioration and the breakdown of structural parts and electrical equipments might not be occurred without the installation.

1. Fix the moisture proof sheet on the oor

Plywood Floor : Wood Screw

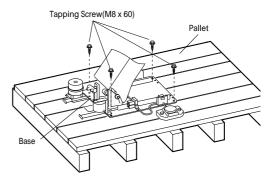
Concrete Floor : Glue

- 2. Make a cut in the moisture proof packing according to piping position.
- 3. Peeled off the sheet on the adhesive face side of the moistureproof packing. Passes under the piping and electric code on the moistureproof packing and attach to the oor.
- 4. Seal a space around the piping and electric code.



#### 5-5. Installation of unit

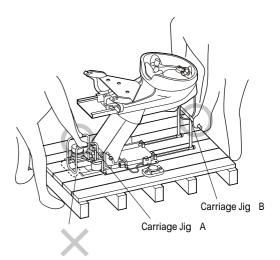
1. Remove the four tapping screw(M8 x 60mm) xing the unit base plate to the pallet.



- 2. Hold the carriage jig and move the main unit to marked position on the oor
- 3. Decide the installation position and remove the carriage jig A and B from main unit base.

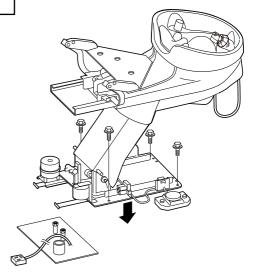
#### CAUTION

Hold the Jig A and B to lift the unit by 2 workers to move it. Otherwise, breakage may result in.

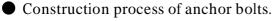


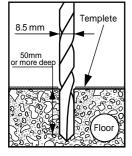
Do not make scratch or damage he oor while moving the unit. Please use the carriage jig to move it.

- 4. Fix the main unit with the four screws. Plywood Floor : Hex head tapping screw M8 x 65 Concrete Floor: Anchor bolts M8 x 70
- 5. When the moisture proof packing is bigger than main unit base, please cut it out.

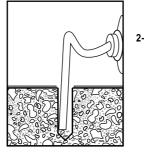




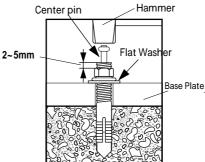




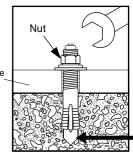
1.Drill the anchor holes of a speci c diameter and depth.



2.Clean each anchor hole thoroughly using a vacuum cleaner with a narrow nozzle attachment to reach into the hole and remove all debris.



3.Insert the anchor bolt, tapping it lightly with a hammer to seat it. Position the material, and then drive the center pin into the anchor unit it is snug.



4.Adjust the fastening strength of the nut using a wrench etc.

### CAUTION

If the anchor bolt is tapped with its and contacting the bottom of the hole, the strength will be lowered. Proper clear ance must exist between the end of the anchor bolt and th e bottom of the hole.

#### 5-6. Drain Pipe Connection

Elbow and drain pipe(VU40) are not included with shipment. Please prepare it beforehand.

1. Insert the elbow to the drain pipe from floor with seals.

#### \Lambda CAUTION

The height of drain pipe should be less than 60mm

#### \Lambda CAUTION

Do not tear up the vinyl which is covered the drain hose

- 2. A djust the length of drain pipe(VU40), so that the one end of drain pipe(VU40) may become on the edge of the base, and connect to elbow with seals.
- 3. Connect the drain hose packing to the drain pipe(VU40).
- 4. Through the drain hose clamp to the drain hose, and connect the drain hose to the drain hose packing.
  - The drain hose shall be free of dent.
  - Attach the drain hose so as not to be folded.
- 5. Fasten the screw of the drain hose clamp for drain hose.
  - Tightening too hard may damage the drain hose. Do not tighten too hard.
- 6. Cover the elbow part with the vinyl.

#### A CAUTION

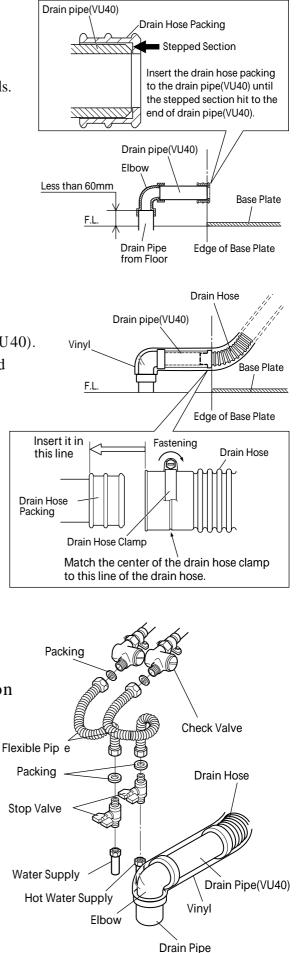
Make sure all connection is surely fixed. please confirmed the water does not leak.

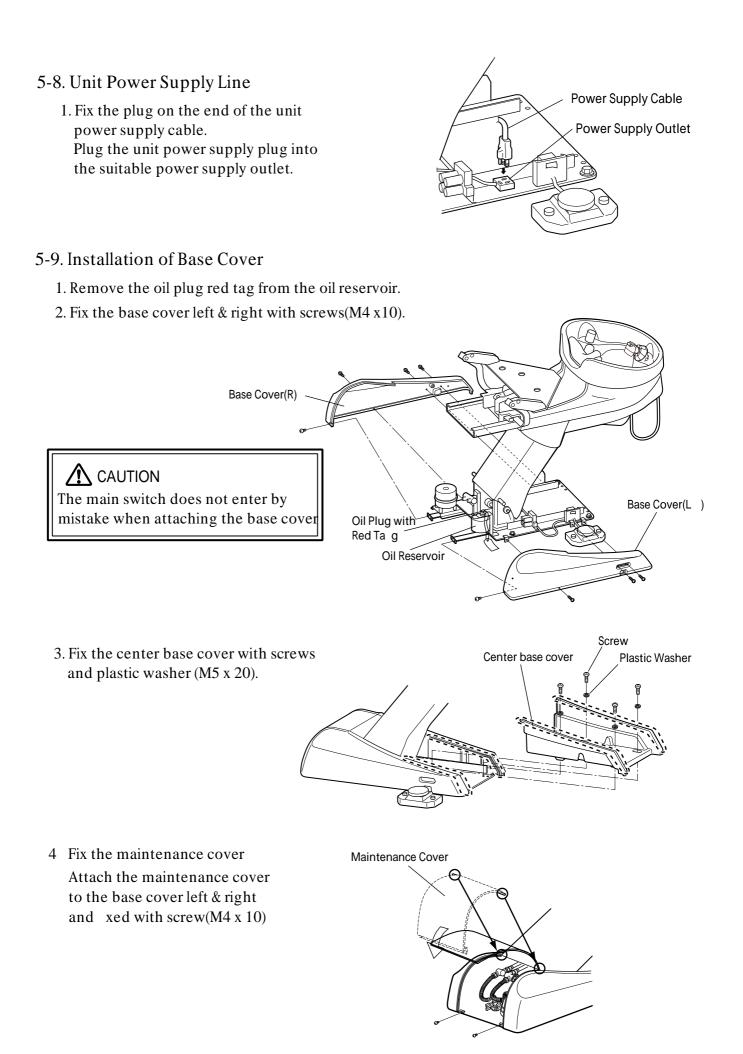
#### 5-7. Water and Hot Water Supply Line Connection

- 1. Install the stop valve to each supply pipe.
- 2. Bend each flexible pipe to a suitable angle for connection.
- 3. Connect the each Check Valve to the each stop valve with the flexible pipe.

#### Λ C A U T I O N

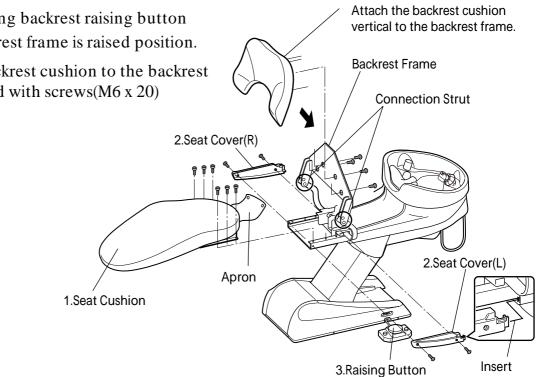
Check the each connection for leaks.





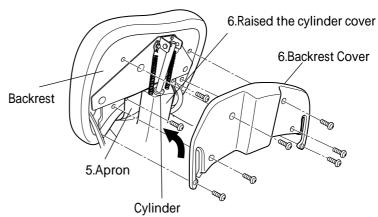
-9-

- 5-10. Attach the backrest and seat cushion
  - 1. Fix the seat cushion with six cap  $bolts(M5 \times 15)$
  - 2. Fix the seat cover L & R with screws.
  - 3. Keep depressing backrest raising button until the backrest frame is raised position.
  - 4. Attach the backrest cushion to the backrest frame and xed with screws(M6 x 20)



4. Backrest Cushion

- 5. The apron from seat cushion is inserted between the backrest cushion and the cylinder, then xed with two screws(M4 x 18)
- 6. A ttach the backrest cover and fixed with six screws(M4 x 18)

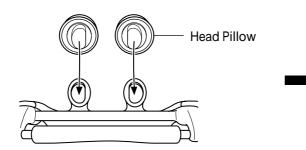


- 5-11. Attach the Neck Cushion
  - 1. Attach the neck cushion on metal ttings as shown in gure.

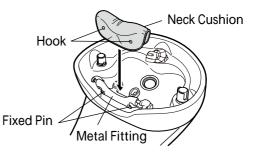
- 2. Both side hooks of the neck cushion is xed on a xed pin.
  - Hook

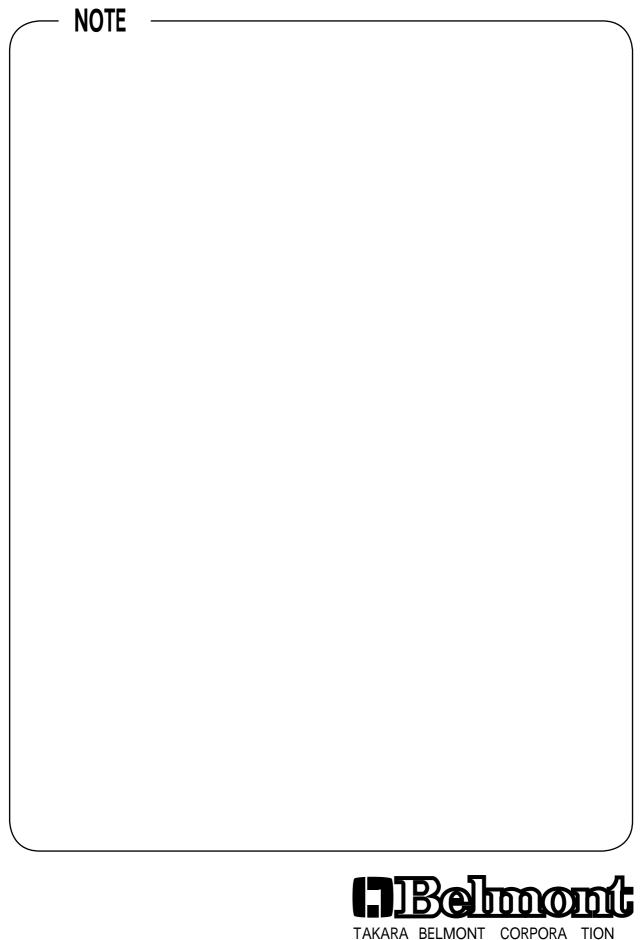


- 5-12. Attach the Head Pillow
  - 1. Attach the head pillow as shown in gure









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