



Dornbracht

AQUAMOON / RAINMOON

Checklists – installation supervision

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## INTRODUCTION

Planning advice

Exposed trim parts / commissioning

# Introduction

It is obligatory for technical planning, installation and initial commissioning to be accompanied by a certified service partner or by booking a Dornbracht service package. Detailed information on the service package can be found at [www.dornbracht-professional.com](http://www.dornbracht-professional.com).

# Planning advice

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Order number (SO)

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Project / end customer

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Address

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Phone

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E-mail

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Additional contact

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Phone

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E-mail

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Person responsible for planning

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Address

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Phone

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E-mail

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Fitter

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Address

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Phone

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E-mail

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Electrician

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Address

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Phone

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E-mail

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Service partner/ Dornbracht

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Address

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Phone

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# Plumbing installation 1

Planning for the AQUAMOON / RAINMOON / RAINMOON (US) can be checked for completeness more easily with this checklist.

## Operating conditions

Measuring point: Concealed rough parts (hand shower set)

<input type="checkbox"/> Cold water temperature		5 – 25 °C /	41 – 77 °F
<input type="checkbox"/> Recommended cold water temperature		15 °C /	59 °F
<input type="checkbox"/> Hot water temperature		55 – 65 °C /	131 – 149 °F
<input type="checkbox"/> Recommended hot water temperature		60 °C /	140 °F
<input type="checkbox"/> Thermal disinfection (max. 10:00 mins.)		< 75 °C /	< 167 °F
<input type="checkbox"/> Permissible flow pressure AQUAMOON	250 – 400 kPa /	36 – 58 psi /	2.5 – 4 bar
<input type="checkbox"/> Permissible flow pressure RAINMOON / RAINMOON (US)	150 – 400 kPa /	22 – 58 psi /	1.5 – 4 bar
<input type="checkbox"/> Recommended flow pressure	300 kPa /	44 psi /	3 bar
<input type="checkbox"/> Recommended water hardness	6 – 7 °dH / 107 – 125 ppm /	7.5 – 8.8 °e /	10.7 – 12.5 °fH

## Special features / comments

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Order number (SO)

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City

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Date

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Service partner / Dornbracht

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Person responsible for planning

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Fitter

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Electrician

# Plumbing installation 2

Planning for the AQUAMOON / RAINMOON / RAINMOON (US) can be checked for completeness more easily with this checklist.

## Plumbing installation

- Pipework calculation (in accordance with EN 806-3, DIN 1988-300)
- Assessment of demand for the hot water supply on an individual basis (e.g. in accordance with DIN 4708-200, DIN 4753-7, VDI 6003)
- Assessment of demand for the drain on an individual basis (e.g. in accordance with DIN 1986-100, EN 12056-1/-2)
  - AQUAMOON 1.25 l/s / 0.3 gps, DN 75 / NPS 3"
  - RAINMOON 0.35 l/s / 0.1 gps, NPS 3" / DN 75
  - RAINMOON (US) 0.1 gps / 0.35 l/s, NPS 3" / DN 75
- Filter (main pipe)
- Pressure reducing valve (main pipe)
- Water softener (main pipe)
- Speed-controlled pressure booster (e.g. in accordance with DIN 1988-500)

Observe (ceiling module):

- Positioning of the connections
- Alignment of the QUEEN'S COLLAR (AQUAMOON)

Required nominal diameter (DN) for pipes and fittings:

- DN 20 – hot and cold water pipe (HW + CW)
- DN 15 – mixed water pipe (MW) (AQUAMOON 3 x, RAINMOON / RAINMOON (US) 2 x)
- Testing the rough-in for leaks (in accordance with EN 806-4 / DIN 1988-200)
- Flushing the pipes after rough-in (in accordance with EN 806-4 / DIN 1988-200)

## Special features / comments

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Order number (SO)

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City	Date	Service partner / Dornbracht
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Person responsible for planning	Fitter	Electrician

# Dry wall construction

Planning for the AQUAMOON / RAINMOON / RAINMOON (US) can be checked for completeness more easily with this checklist.

## Pre-wall system

Compliance with building services fire protection.

Note the recess depths of the components.

<input type="checkbox"/> Ceiling module		min. 290 mm / 11-3/8"
Aquamoon		
<input type="checkbox"/> xTOOL	min. 115 mm / 4-1/2" –	max. 156 mm / 6-1/8"
<input type="checkbox"/> Concealed valve + 41 600 740-FF	min. 65 mm / 2-1/2" –	max. 130 mm / 5-3/8"
<input type="checkbox"/> Concealed valve + 41 600 782-FF	min. 85 mm / 3-3/8" –	max. 130 mm / 5-3/8"
<input type="checkbox"/> Concealed wall elbow	min. 90 mm / 3-1/2" –	max. 163 mm / 6-3/8"
Rainmoon		
<input type="checkbox"/> Concealed thermostat	min. 80 mm / 3-1/8" –	max. 136 mm / 5-3/8"
<input type="checkbox"/> Concealed wall elbow	min. 90 mm / 3-1/2" –	max. 163 mm / 6-3/8"
RAINMOON (US)		
<input type="checkbox"/> Concealed three-way diverter	min. 4-1/4" / 108 mm –	max. 5-3/8" / 138 mm
<input type="checkbox"/> The weight of the ceiling construction must not be carried by AQUAMOON / RAINMOON / RAINMOON (US).		
<input type="checkbox"/> The mounting of the waterproof packing		
AQUAMOON: xTOOL, concealed valve, concealed wall elbow;		
RAINMOON: Concealed thermostat, concealed wall elbow;		
RAINMOON (US): Concealed three-way diverter		

## Special features / comments

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 Order number (SO)

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..... <b>Person responsible for planning</b>	..... <b>Fitter</b>	..... <b>Electrician</b>

# Electrical installation

Planning for the AQUAMOON / RAINMOON / RAINMOON (US) can be checked for completeness more easily with this checklist.

## Installation

Electrical installation must be carried out by a professional specialist, in accordance with DIN VDE 0100. Please conform to national statutory regulations, where different.

### Provided by customer:

- Safety cut-out (6 A, type B)
- Ground fault circuit interrupter (30 mA, 2-pin, type A)
- Ground
- Switch (outside the wet zone)
- Electricity connection 100-240 V / 3 x 0.75 mm<sup>2</sup> / 18 AWG

### Special features / comments

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Order number (SO)

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City

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Date

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Service partner / Dornbracht

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Person responsible for planning

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Fitter

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Electrician

# Exposed trim parts / commissioning

Order number (SO)	Serial number	Date of initial commissioning
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Project / end customer	Address
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Phone	E-mail
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Additional contact	Phone	E-mail
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Person responsible for planning	Address
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Phone	E-mail
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Fitter	Address
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Phone	E-mail
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Electrician	Address
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Phone	E-mail
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Service partner/ Dornbracht	Address
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Phone	E-mail
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# Exposed trim parts / commissioning

Supervision of final assembly and AQUAMOON / RAINMOON / RAINMOON (US) commissioning are easier with this checklist.

### Checks to be made:

- Report on testing the concealed rough parts for leaks in accordance with EN 806-4 / DIN 1988-200
- Flushing the pipes after rough-in (in accordance with EN 806-4 / DIN 1988-200) (Hot and cold water, mixed water)
- Report on flushing the pipes after rough-in, in accordance with EN 806-4 / DIN 1988-200
- Completeness of the scope of supply of the concealed rough parts. – Once the packaging is open, install the components immediately. –
- The mounting and horizontal alignment of AQUAMOON / RAINMOON / RAINMOON (US)
- AQUAMOON / RAINMOON / RAINMOON (US) fully and securely mounted (ceiling module, hand shower set, SMART TOOLS control elements, electrical components)
- Components provided by customer fully and securely mounted
- Voltage in the fuse box (100 – 240 V AC, 12 V DC)
- Test all cables.

### Commissioning:

- Open the cutoff for the cold and hot water supply.
- Check all the functions of the AQUAMOON / RAINMOON / RAINMOON (US) individually in accordance with the operating manual.
- Instruct the operator / owner how to operate the AQUAMOON / RAINMOON / RAINMOON (US).
- Hand over the Quick Info and operating manual.
- Confirm that the AQUAMOON / RAINMOON / RAINMOON (US) is working perfectly:

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 Signature (operator / owner of the AQUAMOON / RAINMOON / RAINMOON (US))

### Special features / comments

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 Order number (SO)

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 City

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 Date

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 Service partner / Dornbracht

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 Person responsible for planning

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 Fitter

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 Electrician

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## Dornbracht Group

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