



Product PVC Water Pipe Connection Specs



GLUEING TIPS

ALL ASTRALPOOL FITTINGS ARE MADE FROM PVC, ENSURE YOU ARE USING PVC GLUE & PRIMING FLUID WHEN GLUEING.

MAKE SQUARE CUTS FOR STRONG JOINTS



Photo 1: Cutting plastic pipe

Get clean, square cuts with a fine-tooth saw and a homemade guide.

Square pipe ends fit snugly into the fittings, allowing plenty of contact area for the solvent cement to work. They also make a smoother interior surface for better water flow. A power miter saw and other special tube cutters guarantee square cuts, but you don't have to buy them. You can do a good job with just a handsaw and an improvised guide. The photo shows an easy-to-use guide that's made by screwing together scraps of 2x4.

For the best results, use a saw with fine teeth and a blade that's 3 or 4 in. wide. A hacksaw is a poor choice because the narrow blade tends to wander easily. Special saws for cutting plastic pipe are a worthwhile investment if you do much plumbing work. You'll find them in the plumbing tool area or with the handsaws in most home centers and hardware stores. Otherwise, any fine tooth saw will work.

Sand off the saw burrs for a better fit



Photo 1: De-burr the inside

File off the inner burrs with sandpaper. Left in place, burrs can snag hair and other debris, causing clogs.

Plastic burrs left from sawing can cause trouble. Outside the pipe they'll interfere with a good fit. On the inside they can collect debris and slow the water flow. You can remove them with a file or pocketknife, but sandpaper is easier to use and works great. Simply roll a quarter sheet of 80-grit sandpaper into a tube and flatten it slightly to match the curve of the pipe. Then hold the sandpaper at an angle and sand the inside and outside of the plastic pipe until you create slightly beveled edges.

Mark the pipe and fitting for precise orientation



Photo 1: Mark the pipe and fitting

Mark the orientation of joints when you dry-fit them. It's a lot easier than trying to adjust the fit while the cement is hardening.

By the time you spread the solvent cement on both the pipe and the fitting and press them together, you have only several seconds to get the alignment right before the pieces are stuck together. That's why it's a good idea to make alignment marks beforehand on joints where orientation is critical. Dry-fit the pipe and fitting, using a torpedo level if needed to align the fitting, and make a mark across the fitting and pipe. Use these marks to align the fitting and pipe when you join them with solvent cement.

Push and twist for leak-proof joints



Photo 1: Apply the cement

Wipe the inside of the fitting and the outside of the pipe with primer. Spread an even layer of solvent cement on the inside of the fitting and outside of the pipe.

Just swiping the pipe with cement and pushing on the fitting won't ensure a strong joint. You want to make sure you have an even layer of cement over all mating surfaces.

If you're using PVC or CPVC pipe, wipe primer around the pipe and into the fitting to prepare it for the solvent cement. Let it dry about 10 seconds. Then spread an even layer of solvent cement on the same surfaces. To keep excess solvent cement from being pushed into water piping, don't apply too much to the inside of the socket on the fitting. At this point you have to work fast to complete the assembly. Align the fitting and pipe about a quarter turn from their final orientation. Then twist the fitting a quarter turn as you press it onto the pipe. Twisting the fitting helps spread the solvent cement evenly to ensure a solid joint. If you've made alignment marks, make sure they're aligned with each other. Hold the pipe and fitting together for about 15 seconds until the cement grabs. If you let go immediately, the pipe may push out of the fitting, resulting in a weak joint.

CAUTION!

The solvent vapors from the primer and cement can make you dizzy and are dangerous to your health. Make sure you have plenty of ventilation or wear an approved organic vapor respirator when working with primer and solvent cement.

Fix mistakes with a coupling

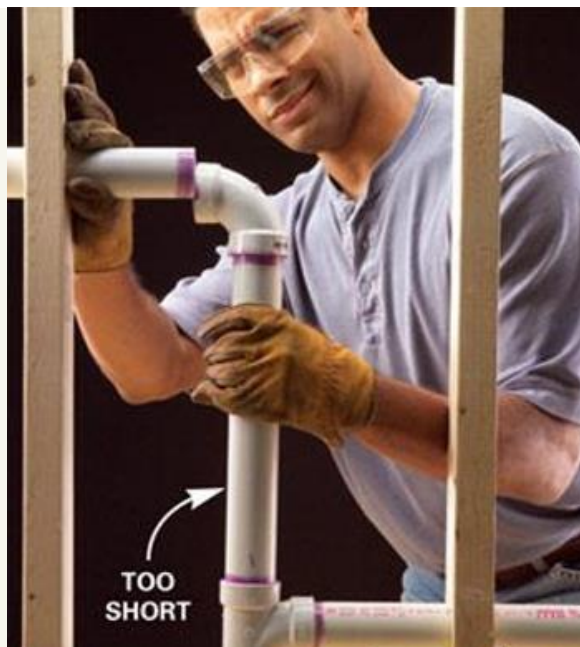


Photo 1: The problem

OOPS! The assembled pipes don't reach the predrilled hole because we dry-fit the pipes and forgot to allow extra length for "shrinkage."

It's always a bummer to make a mistake. But at least with plastic pipe it's easy to fix. Simply saw out the messed up section, whether it's too long, too short or crooked. Correct the mistake and reassemble the joint with a coupling. In some cases, you can reuse the old section of pipe and fitting. Otherwise, set it aside and cut new parts. You may be able to use the bad section later.

Tip: Buy extra fittings. Having extras on hand will save a trip to the store. And you can return the extras when you're done.

e.

Allow for shrinkage if you dry-fit the pipes

Most novice pipe fitters find it reassuring to cut and assemble a group of pipes and fittings before gluing them together. It's OK to do this as long as you're aware of the pitfalls.

Don't jam the pipe and fitting together too tight. They'll get stuck and can be difficult to get apart. If a fitting does get stuck, just set a block of wood against the lip and pound the fitting loose with a hammer.

Leaving the fittings loose keeps them from getting stuck, but it creates another problem. You can't assume that the final assembly will be the same size as the dry-fit parts. When you apply solvent cement to the pipe and fitting and press them together, you'll lose a little length at each joint. On 1-1/2 in. pipes, this could be as much as 3/8 in. per joint. So keep this in mind if you dry-fit, and allow extra length where fit is crucial.

Another tip is to limit dry fitting to a small group of pipes and fittings. Join this group with solvent cement before moving to the next section.

Use the proper solvent for each type of plastic

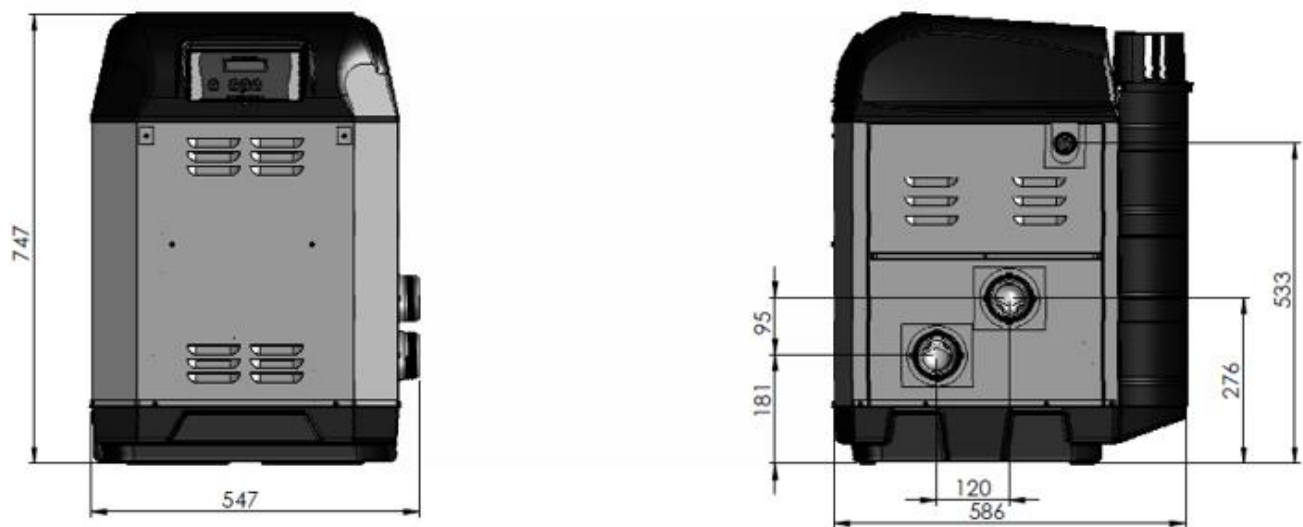


Match the solvent to the pipe

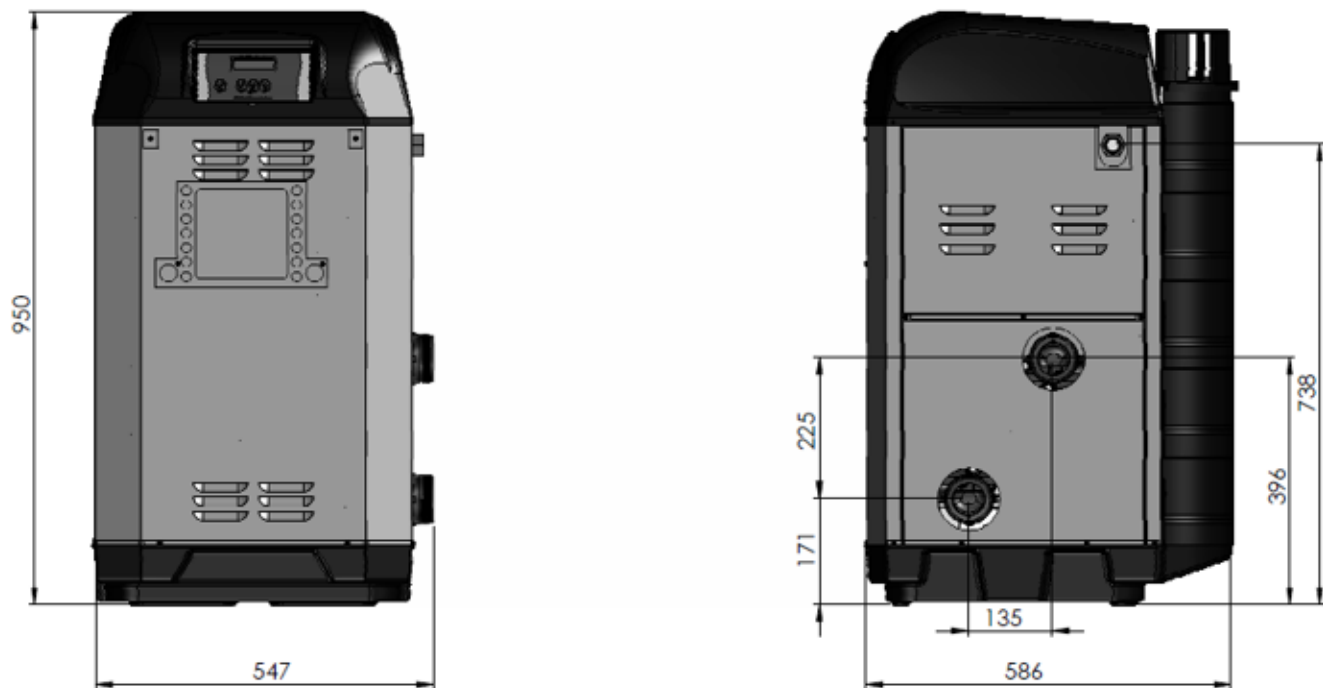
For a reliable seal, you have to use the solvent that's formulated for the pipe. All of them contain aggressive solvents and adhesives, so beware of drips and spills.

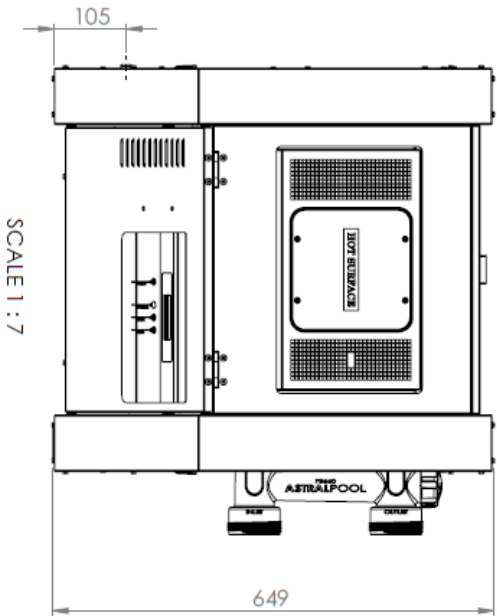
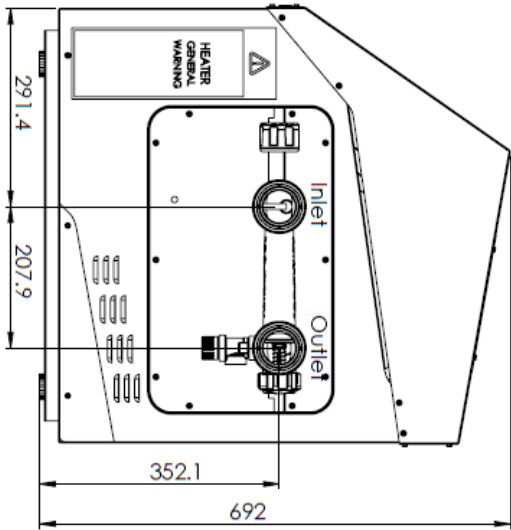
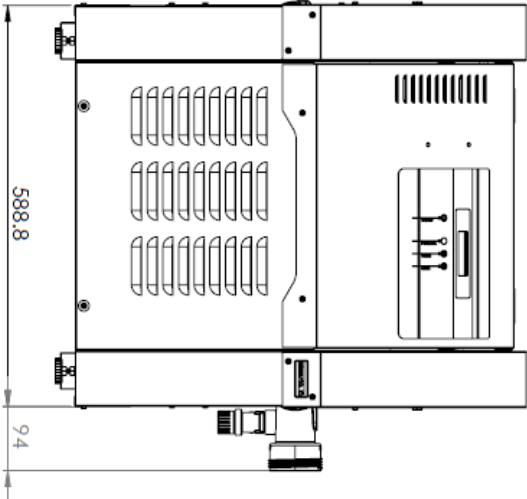
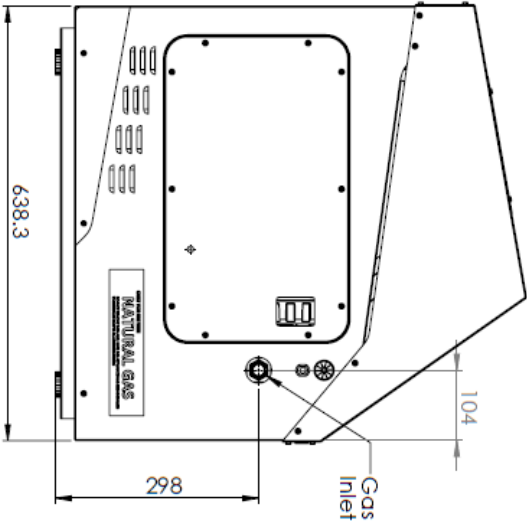
There are three common types of plastic plumbing pipe: PVC, CPVC and ABS. Each requires a different kind of solvent cement. The white or beige pipes (PVC and CPVC) also require a primer. You don't need a primer with black ABS pipe. Read the label to match the solvent cement to the type of pipe you're using. Avoid universal solvent cements.

VIRON 250/350



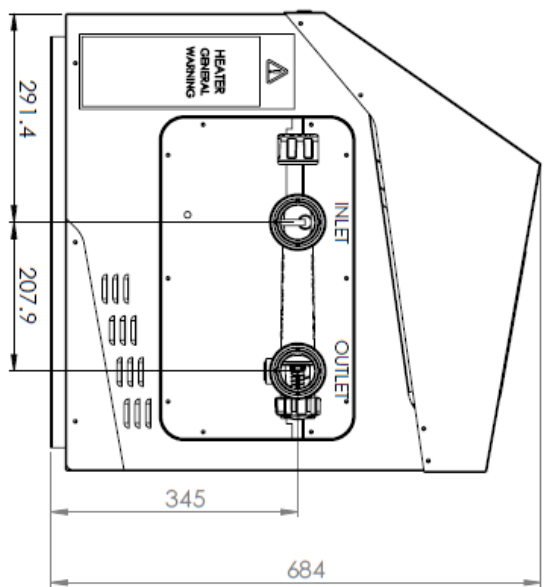
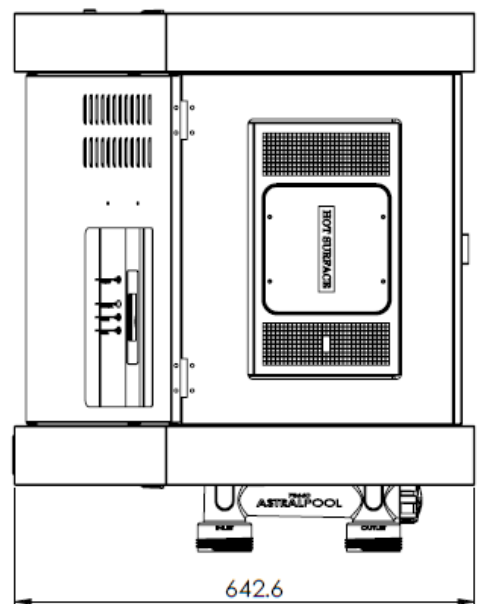
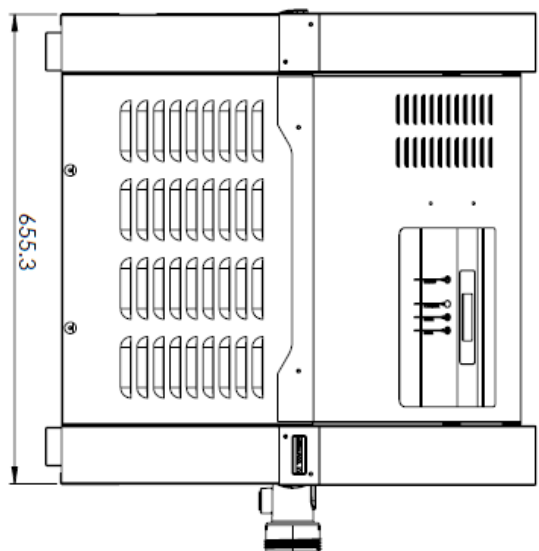
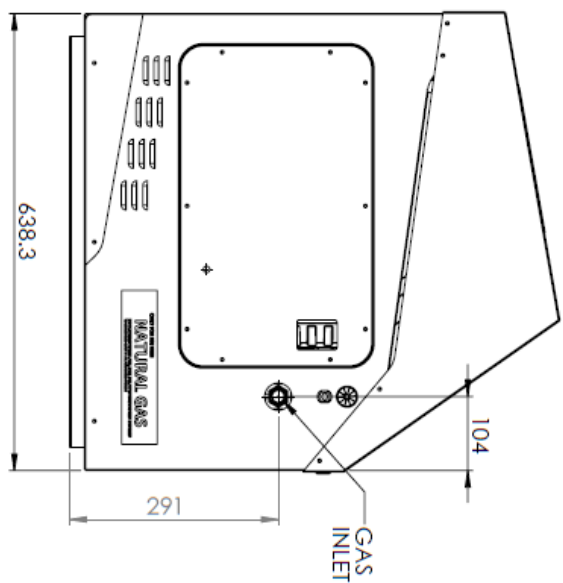
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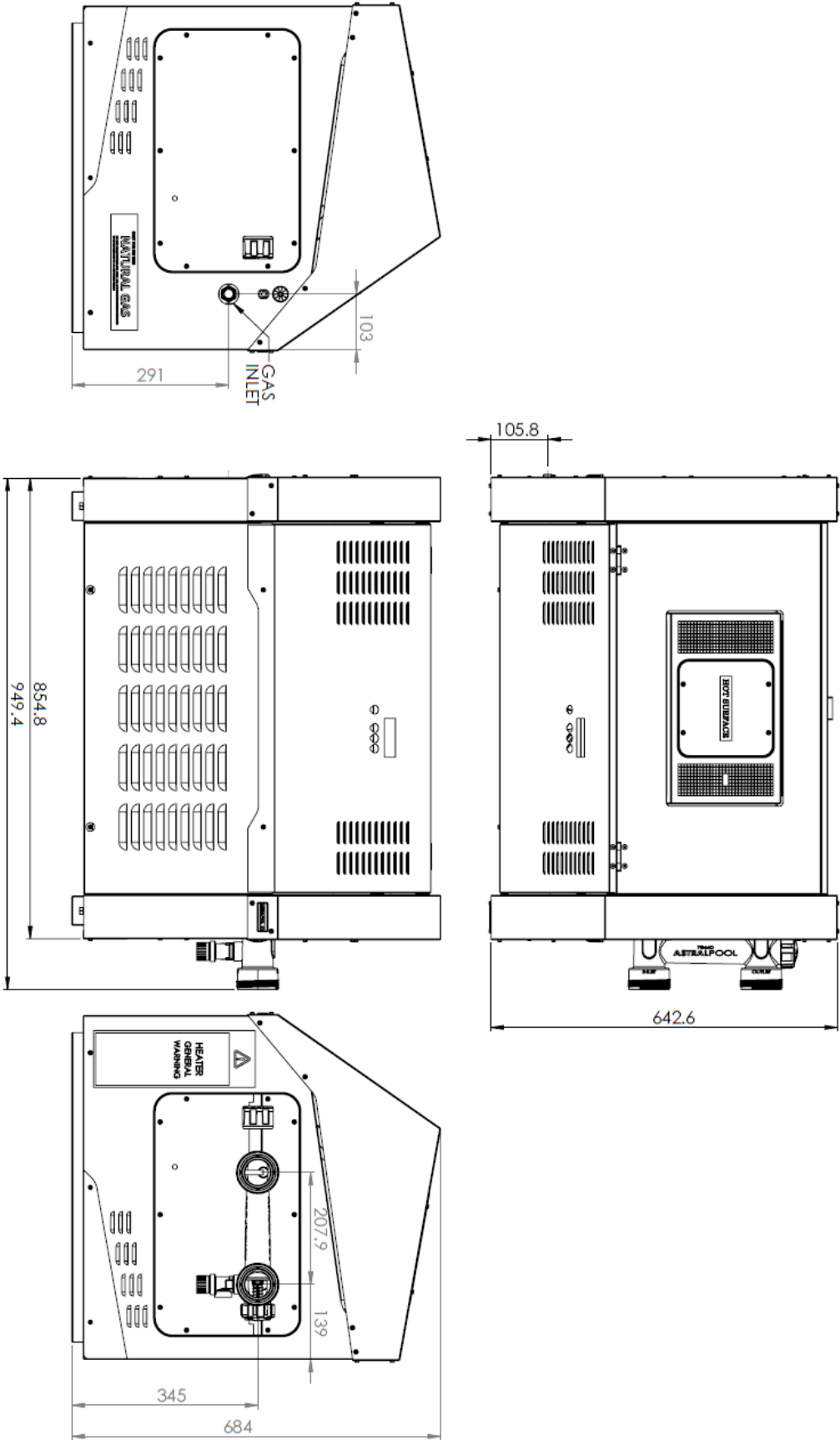




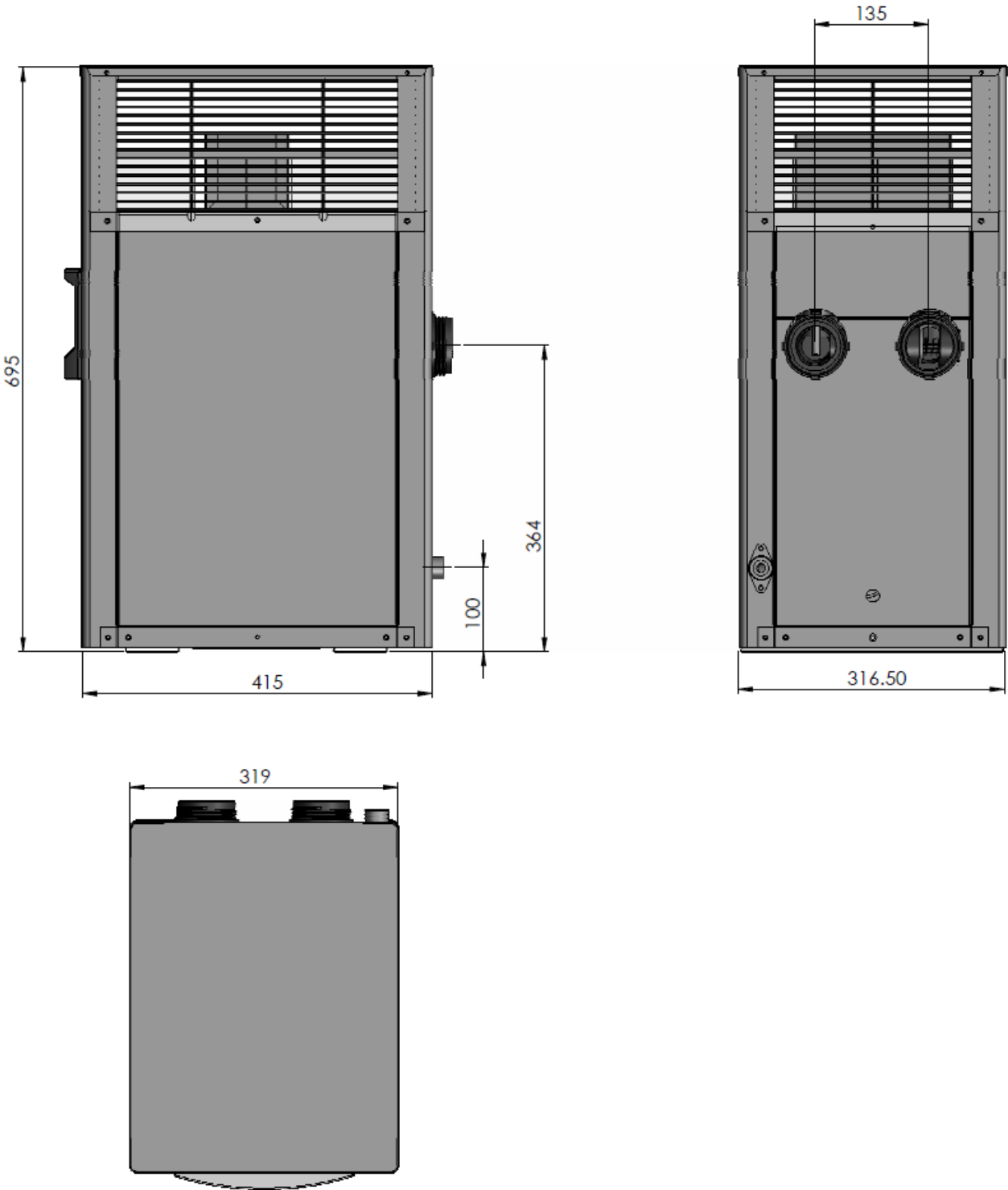
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HINRG 250

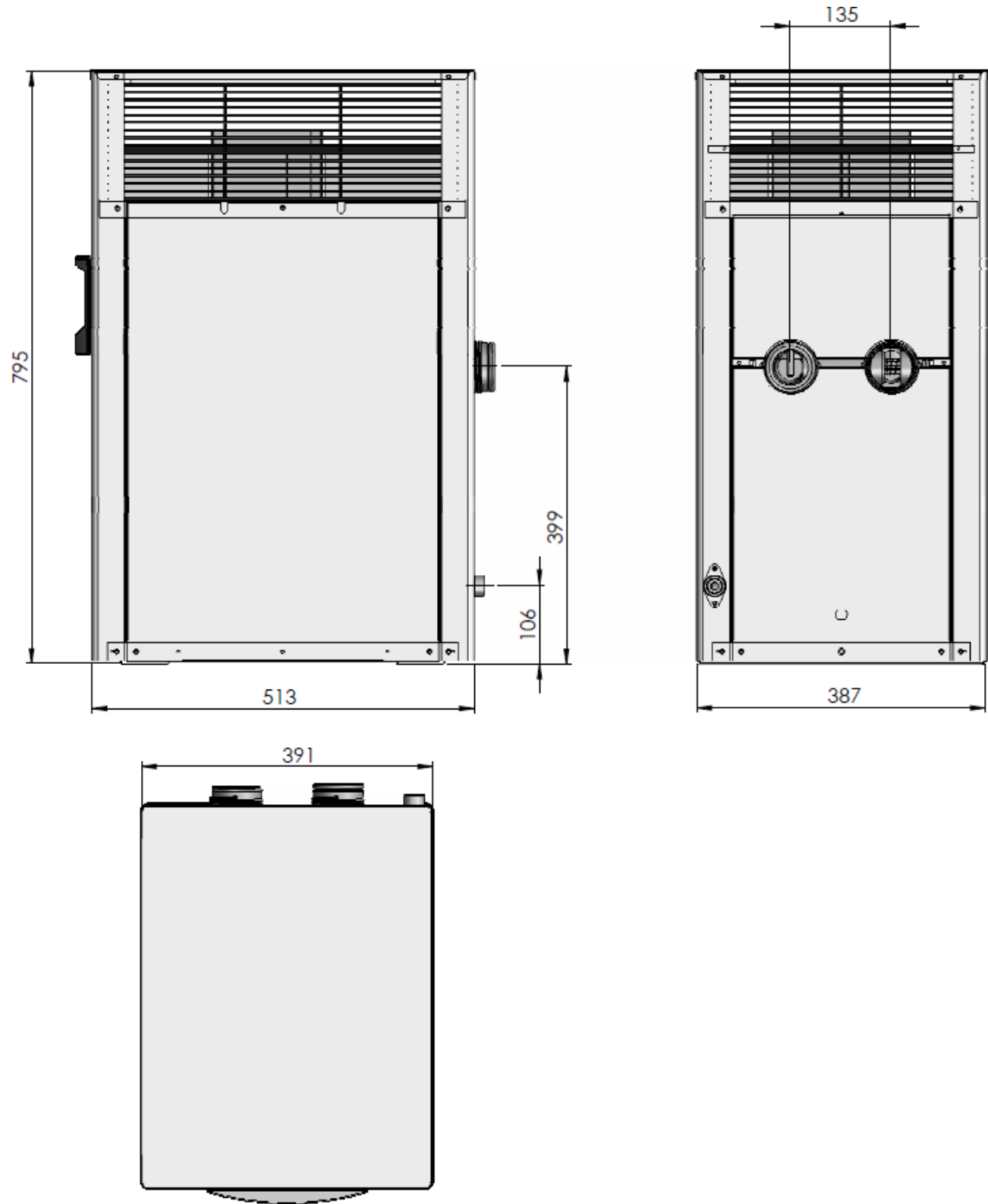


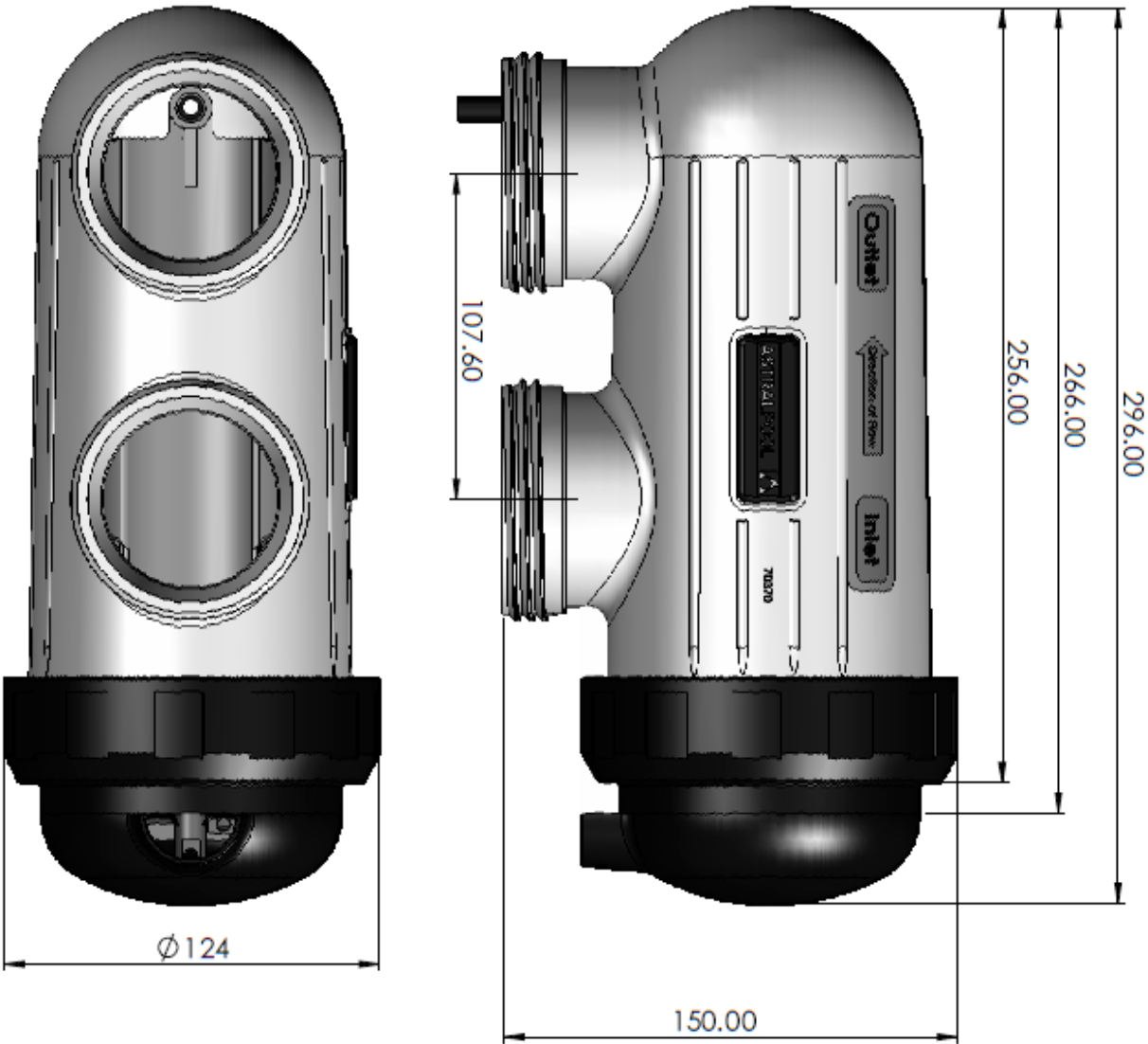


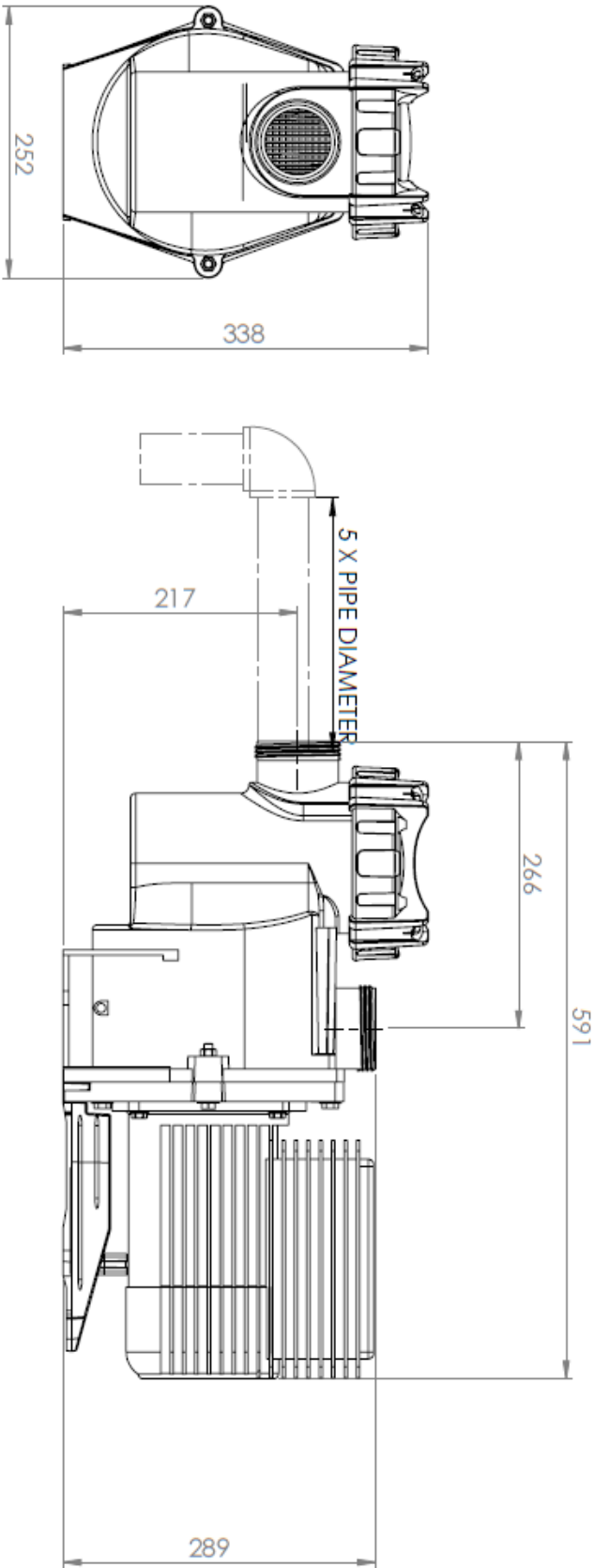
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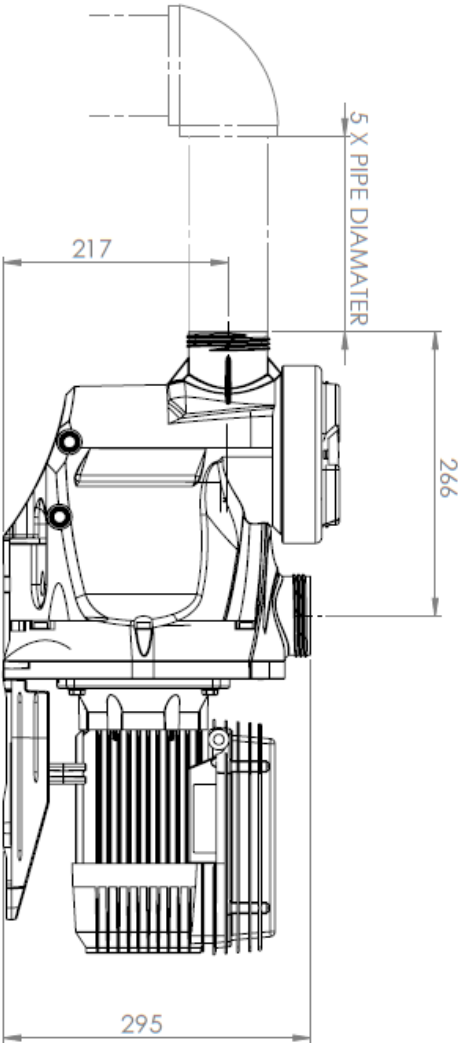
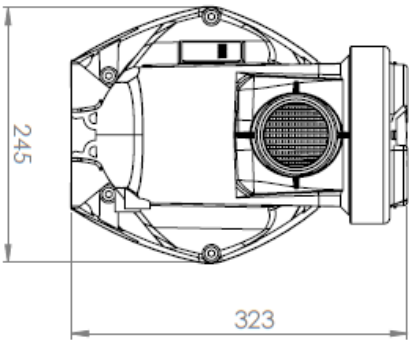


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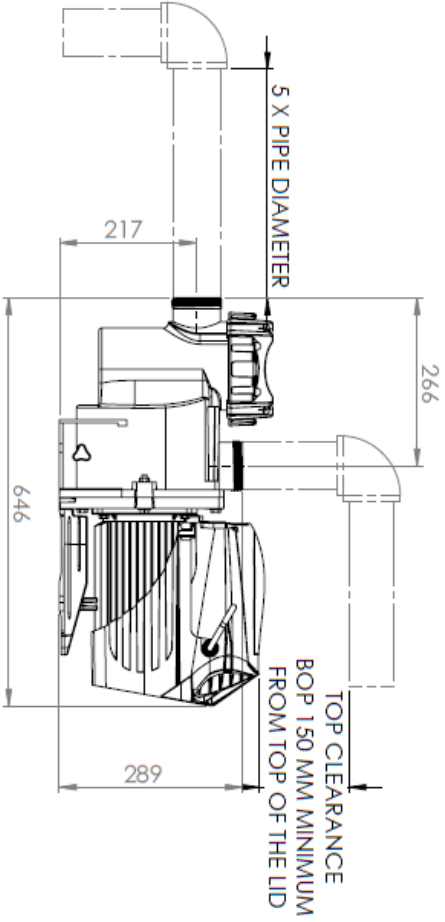
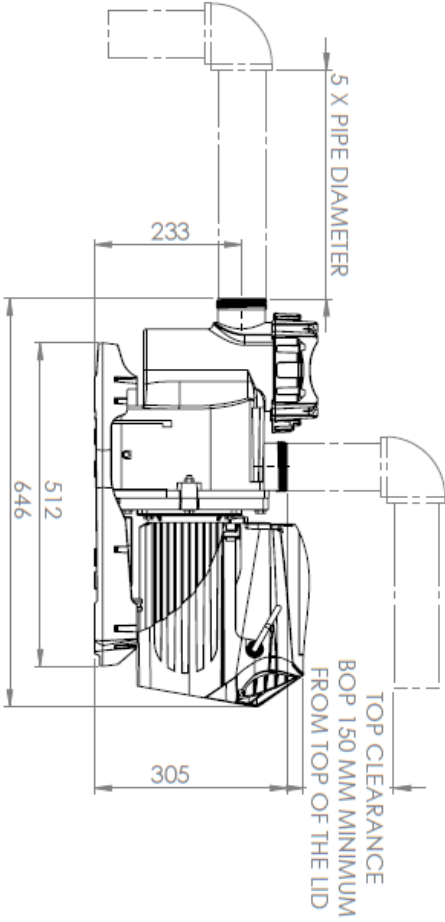
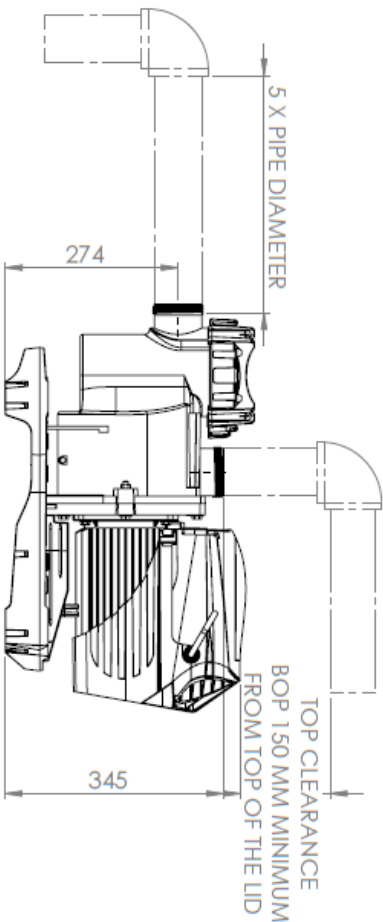
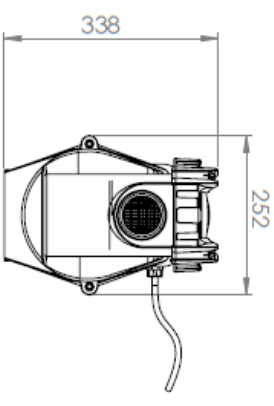
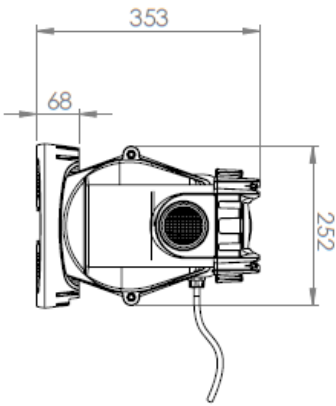
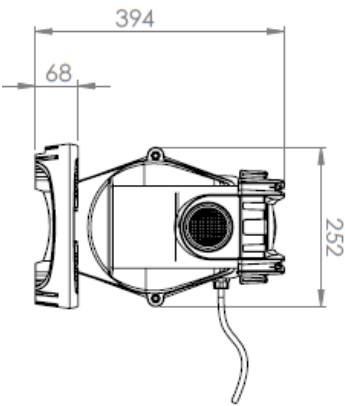


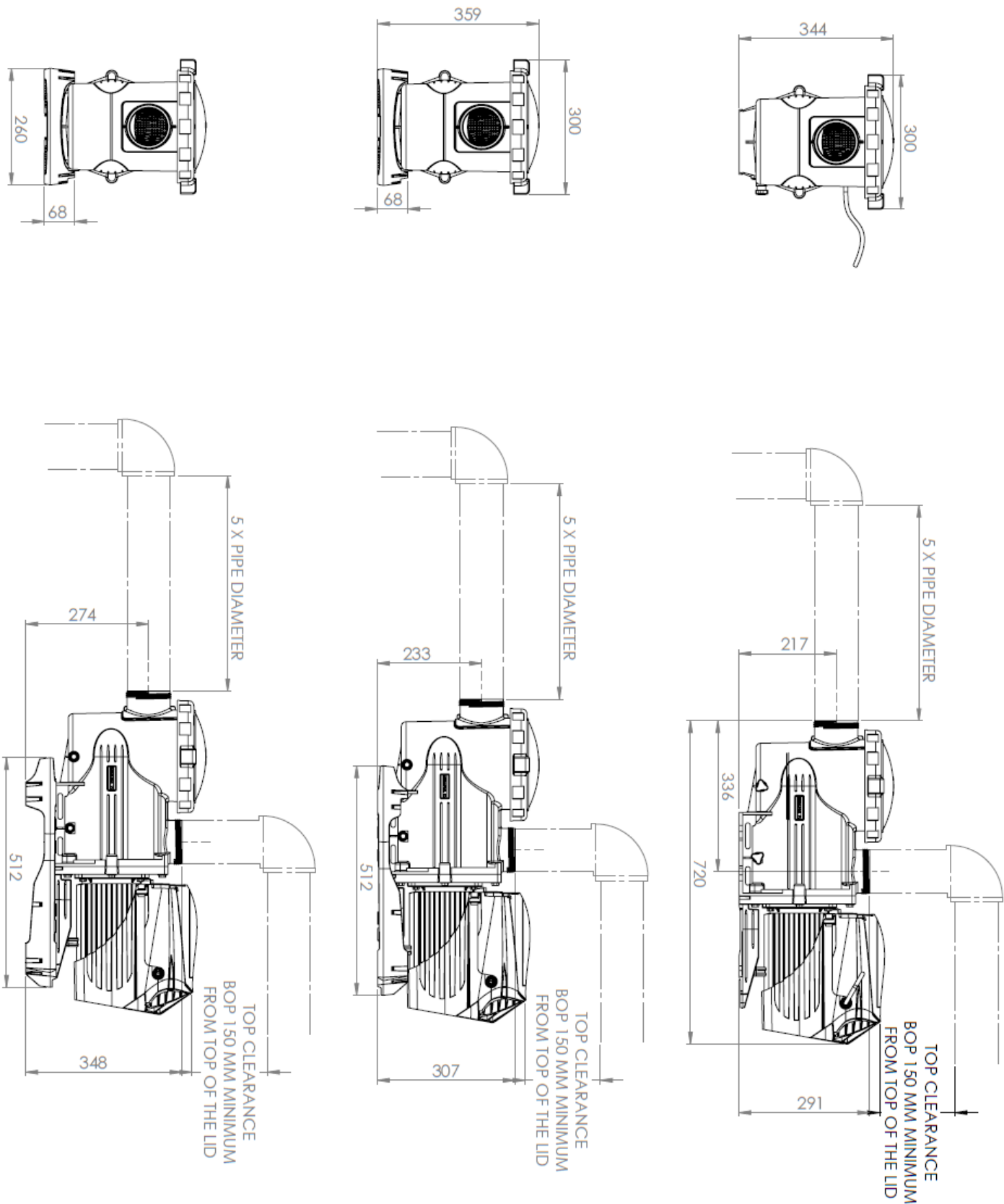




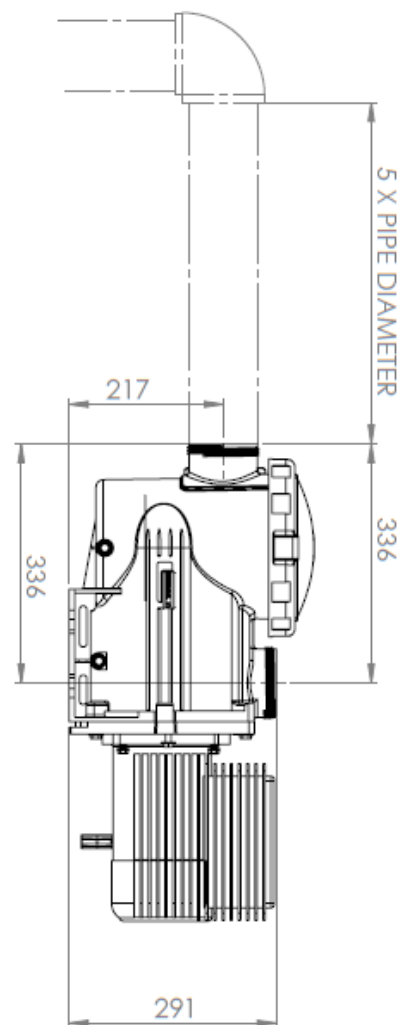
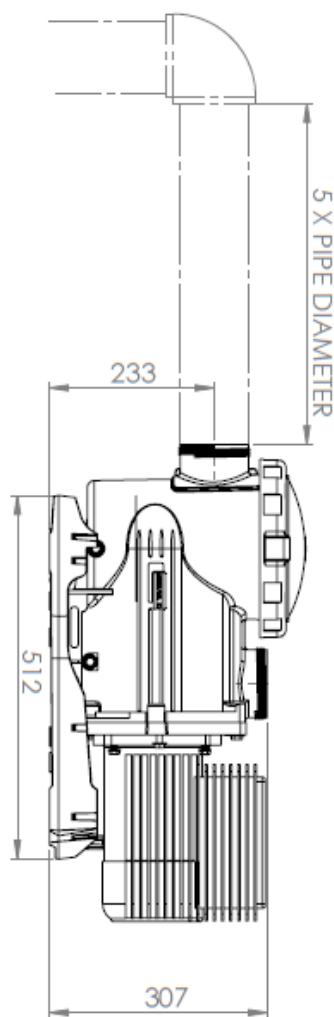
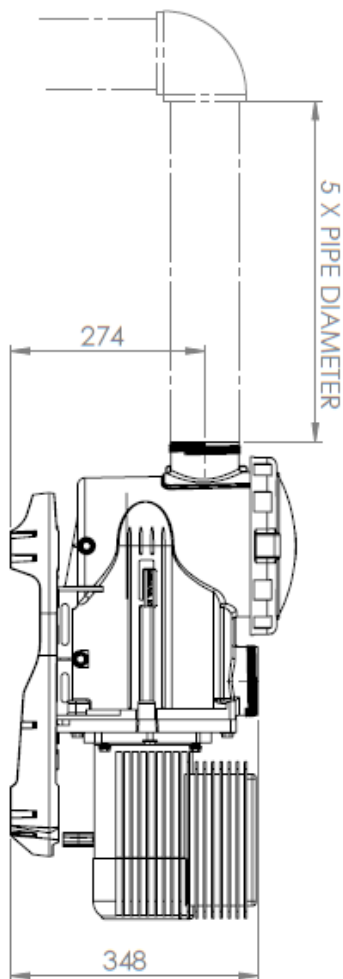
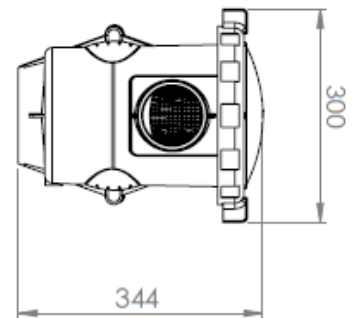
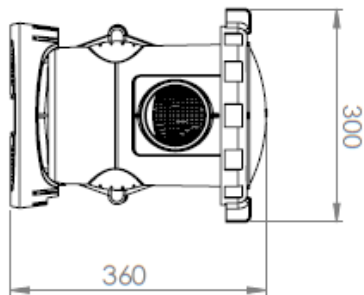
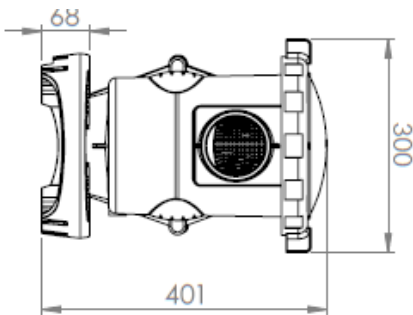


VIRON P320, P520 PUMPS



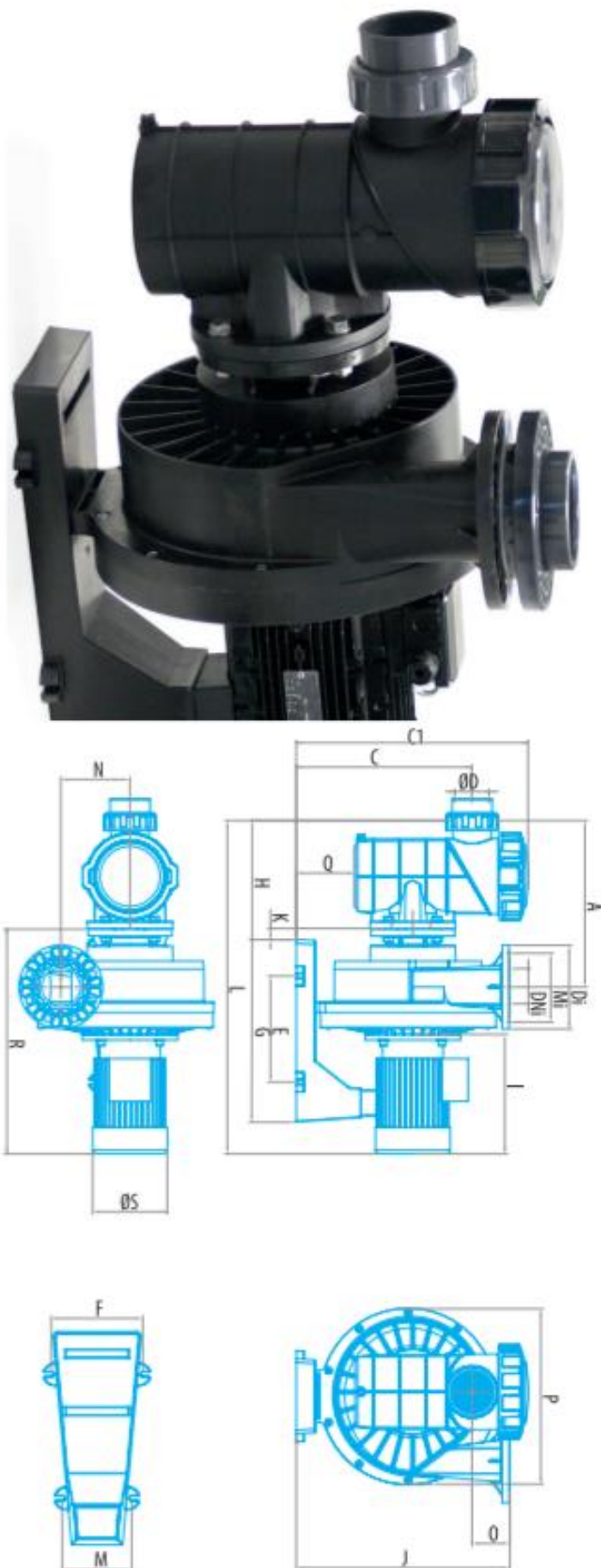


BX RANGE PUMPS



KIVU SERIES PUMP- WITH PRE FILTER

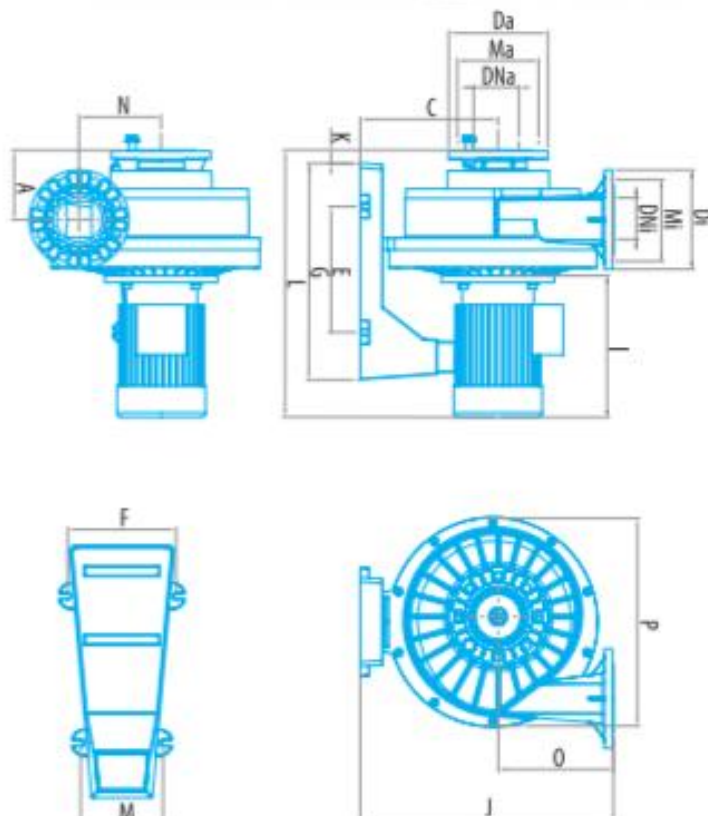
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4P (1500 rpm)	63042	3	440	90	220	100-4"	462	610	279	206	480	313	320	561	29,5	882	157	181,5	100	460	180	154	590	200
	63043	4	440	90	220	100-4"	462	610	279	206	480	313	320	561	29,5	882	157	181,5	100	460	180	154	590	200
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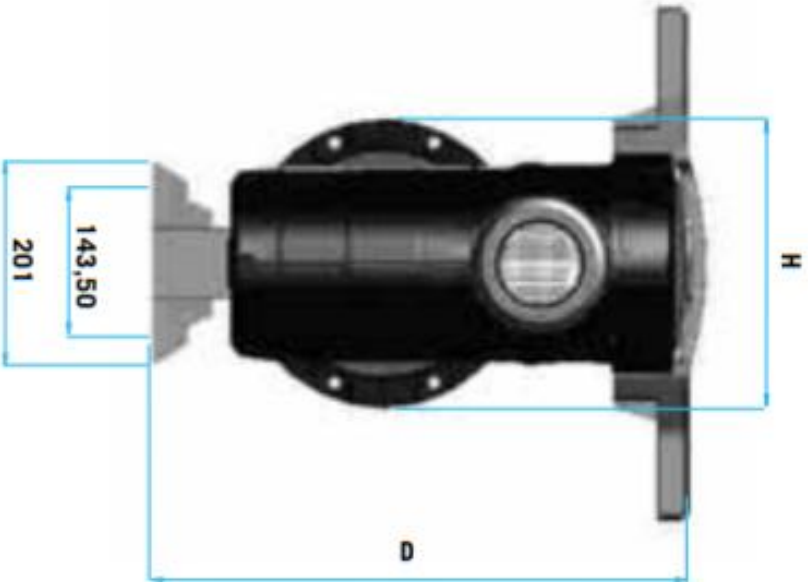
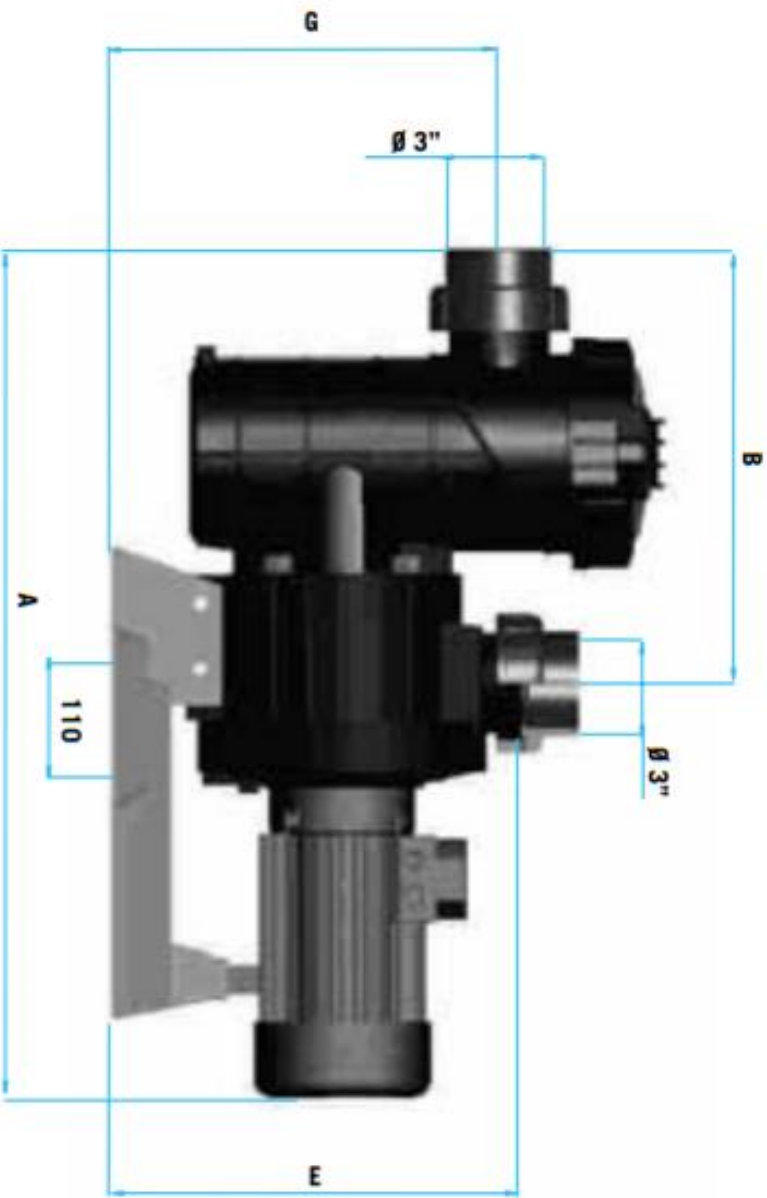
KIVU SERIES PUMP – NO PRE FILTER

KIVU SIN PREFILTRO WITHOUT PRE-FILTER		CV HP	DIMENSIONES / DIMENSIONS (mm)																				
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4P (1500 rpm)			63042-0890	3	154	220	220	100-4"	100-4"	306	279	206	480	320	561	29,5	598	157	181,5	255	460	180	180
			63043-0890	4	154	220	220	100-4"	100-4"	306	279	206	480	320	561	29,5	598	157	181,5	255	460	180	180
			63044-0890	5,5	154	220	220	100-4"	100-4"	306	279	206	480	345	561	156	623	157	181,5	255	460	180	180

ACCESORIOS*



MAXIM SERIES PUMPS

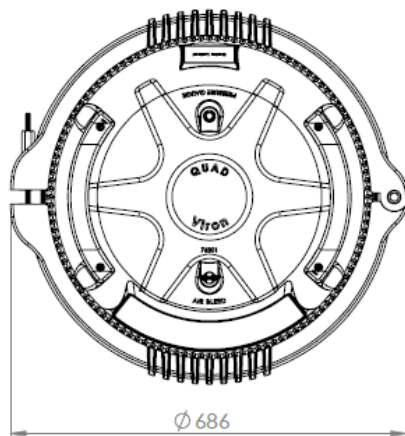
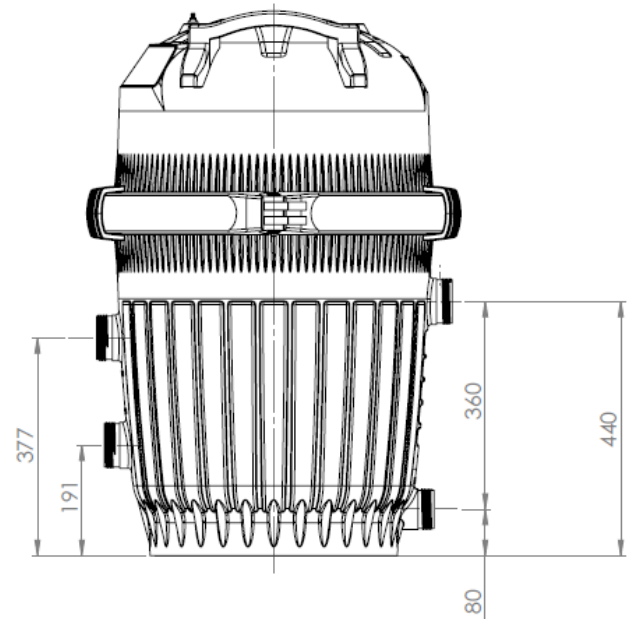
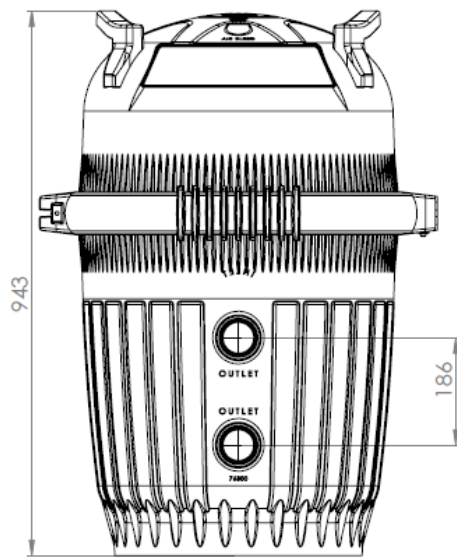


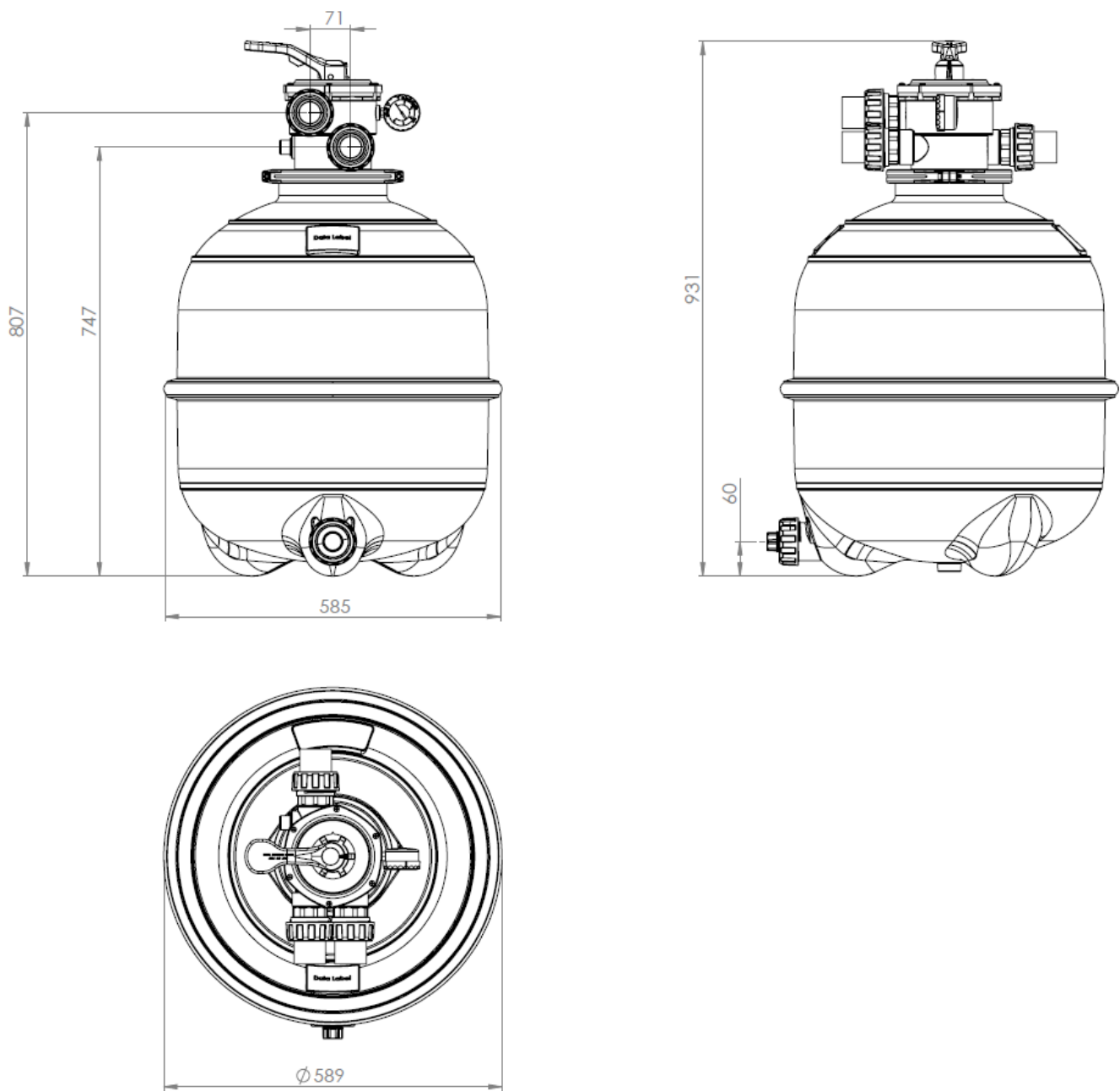
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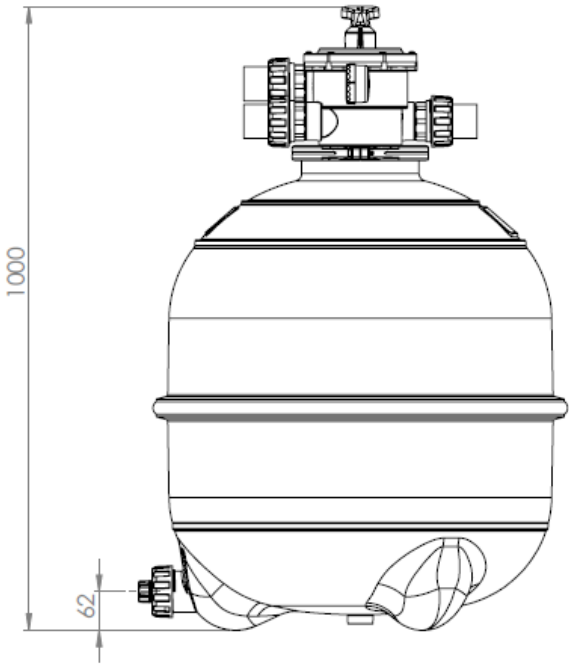
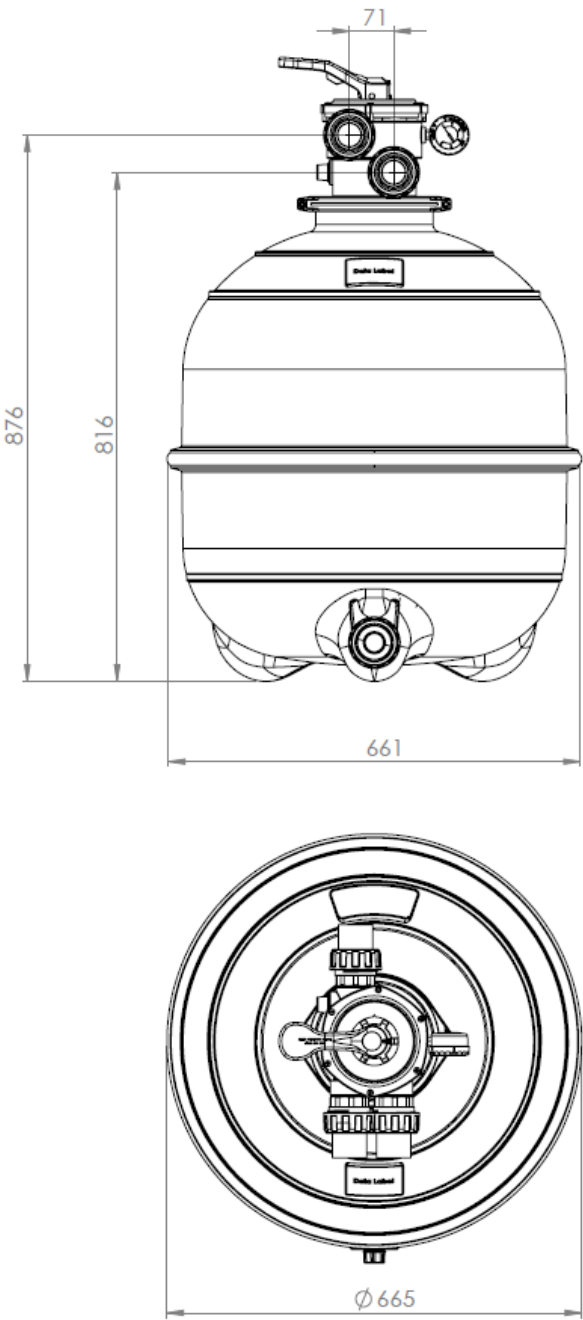
Medidas en mm
Sizes in mm

VIRON QL & UF FILTERS

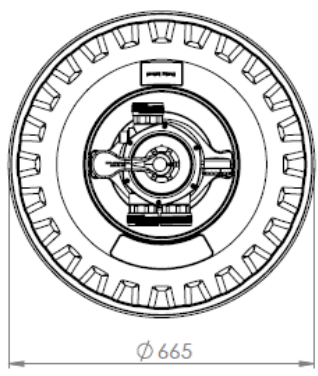
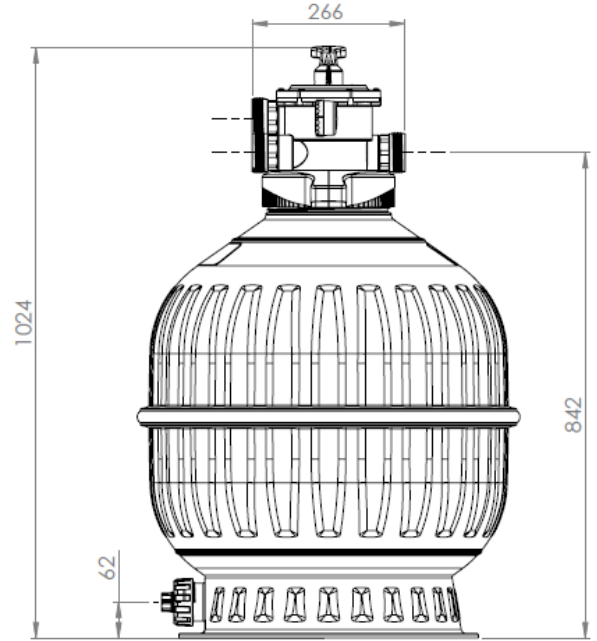
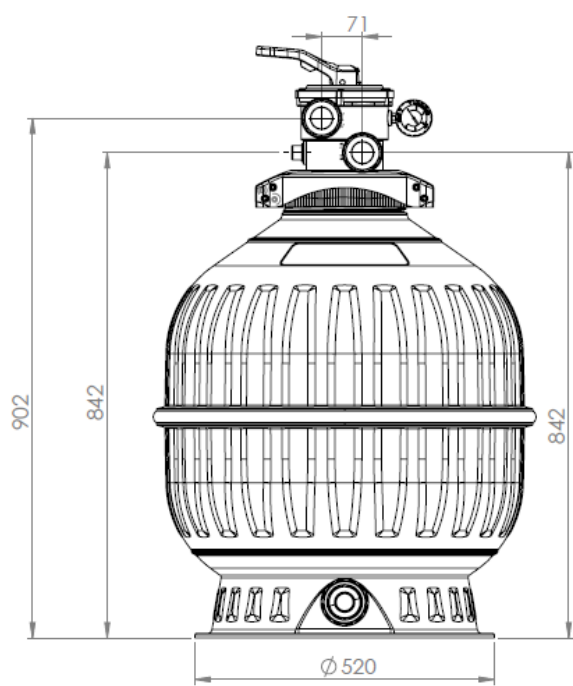




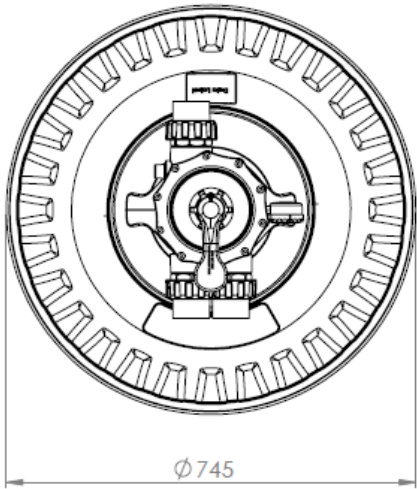
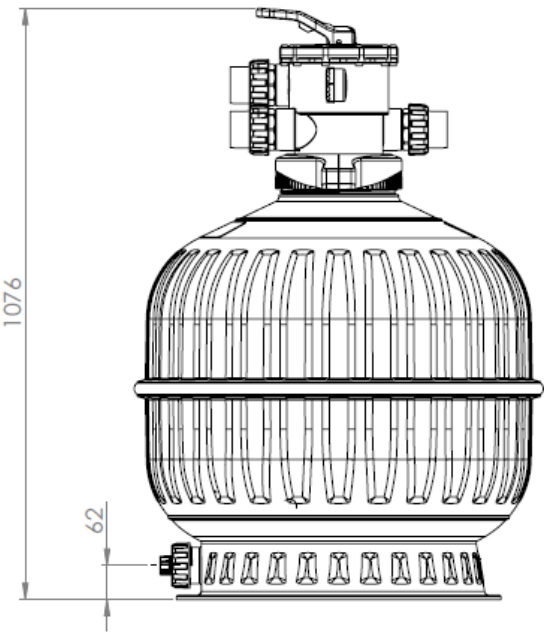
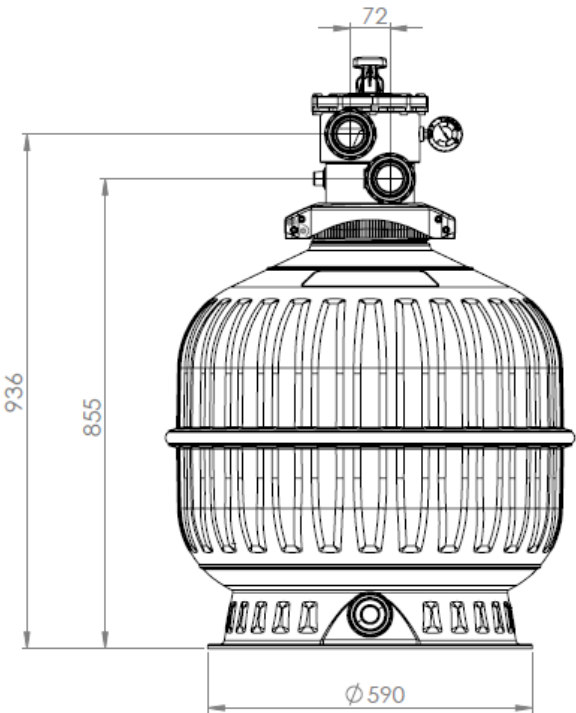
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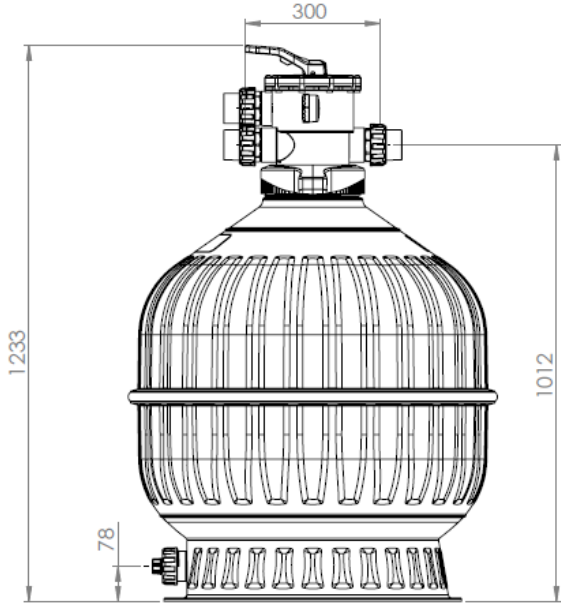
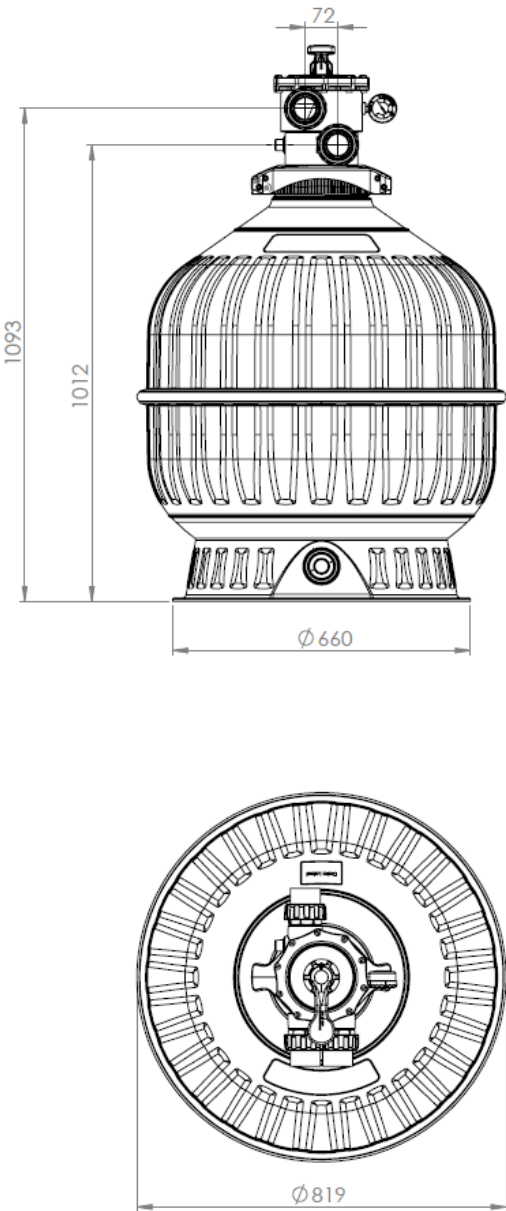
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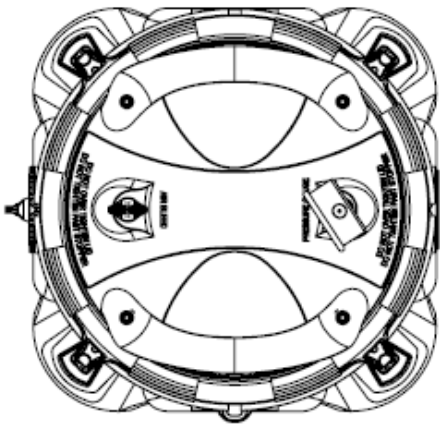
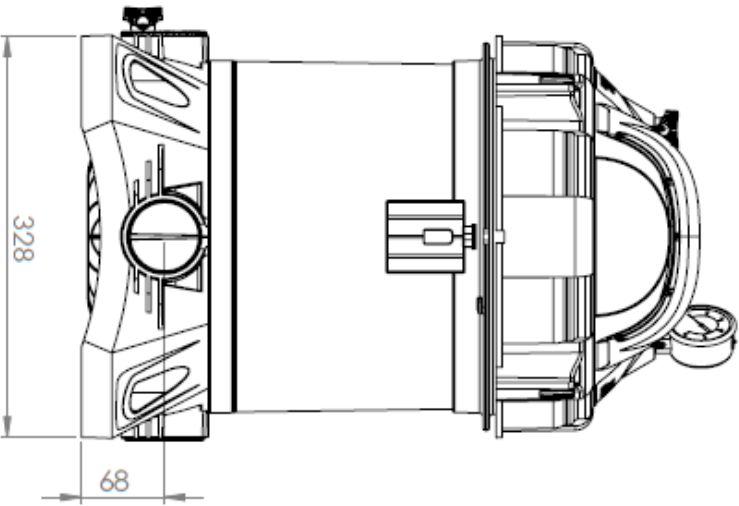
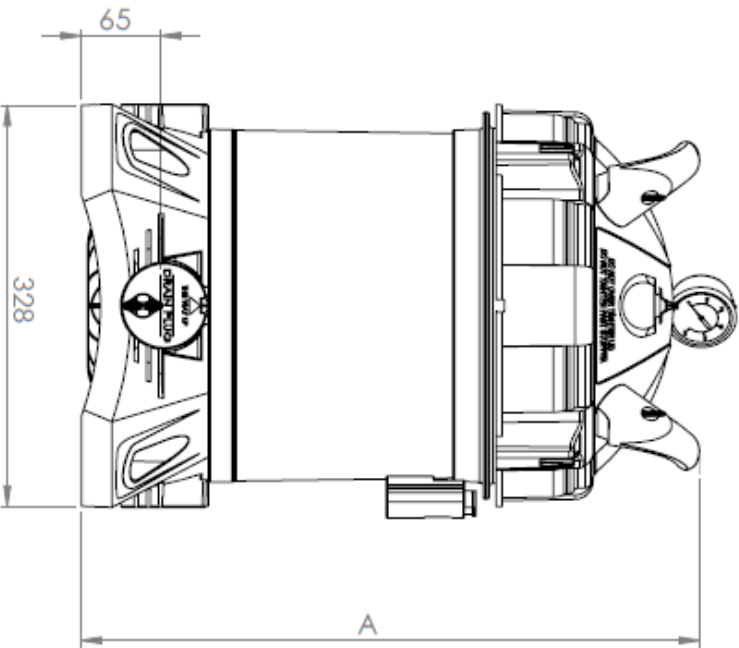
CA 340 FILTER



CA 400 FILTER

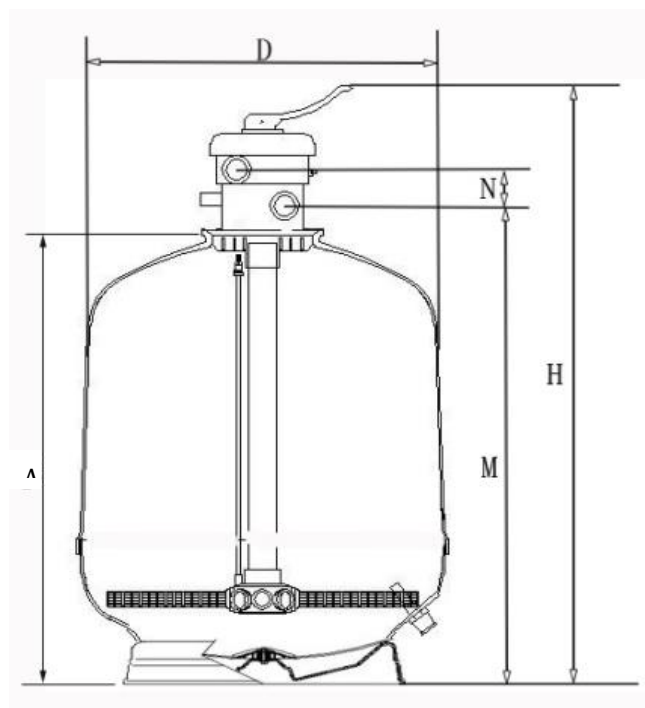


ZX RANGE FILTERS



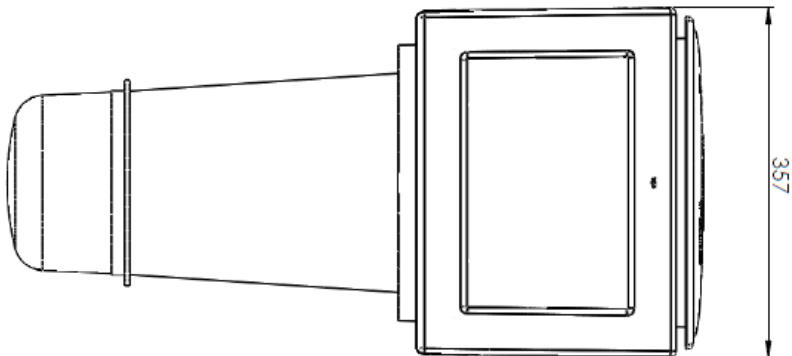
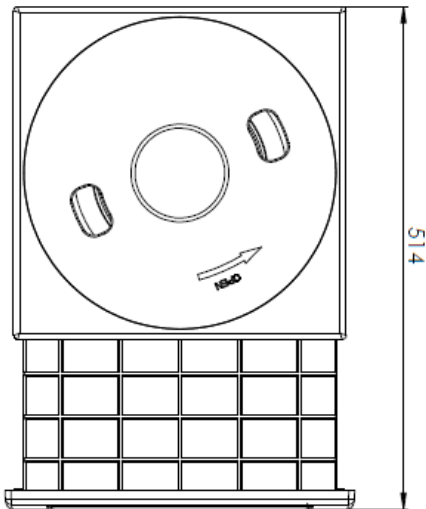
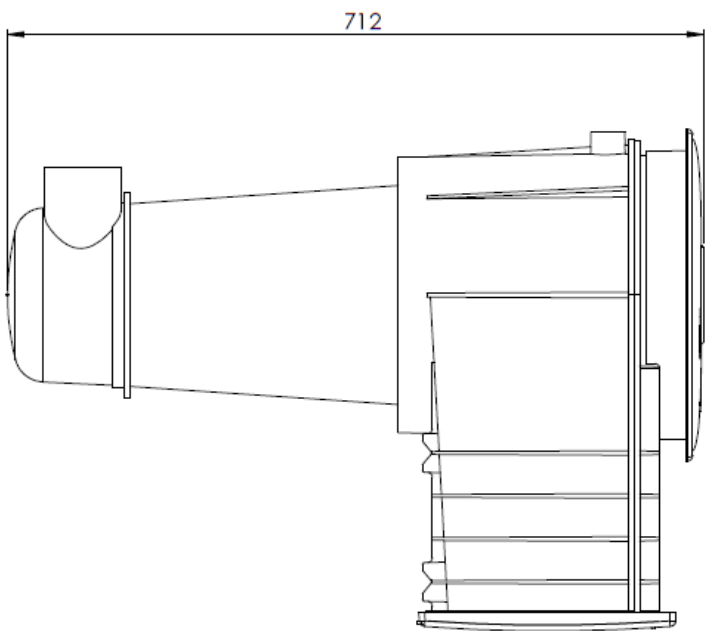
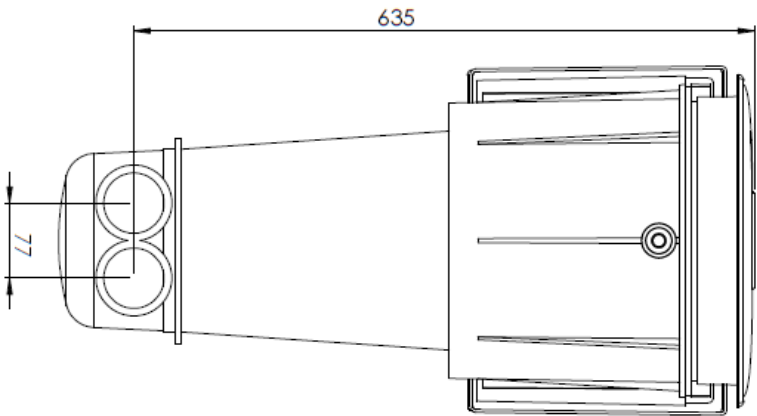
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	WITH NEW BASE	WITH CURENT BASE
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ZX 75	506 (19.9")	502 (19.7")
ZX100	706 (27.8")	702 (27.6")
ZX 150	706 (27.8")	702 (27.6")
ZX 200	906 (35.6")	902 (35.5")
ZX 250	906 (35.6")	902 (35.5")

FG FILTER RANGE

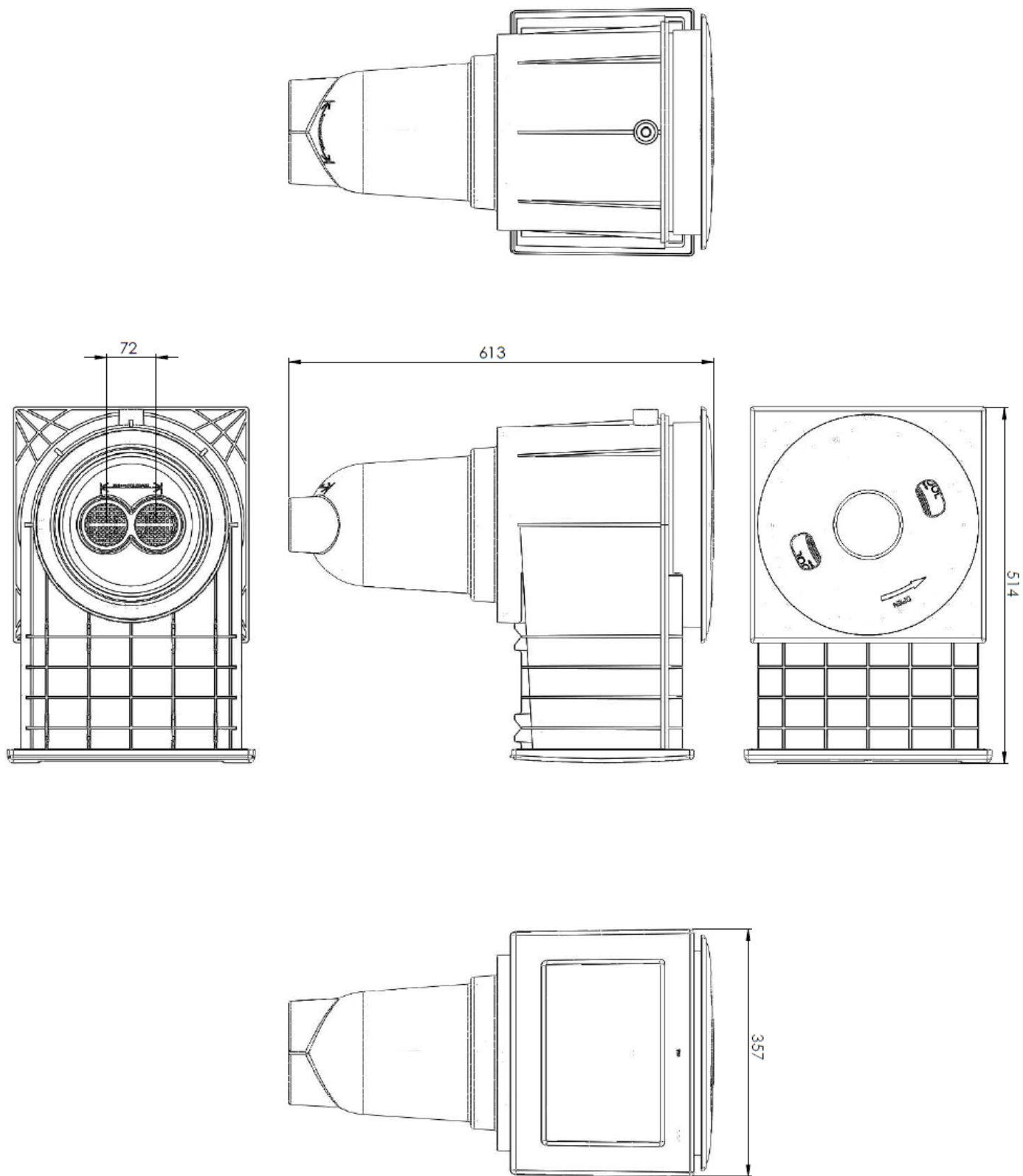


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2	FG 705	760	700	822	81	1046
3	FG 805	870	800	932	81	1156
4	FG 905	985	900	1047	81	1271

SKIMMER- REAR ENTRY



SKIMMER – BOTTOM ENTRY

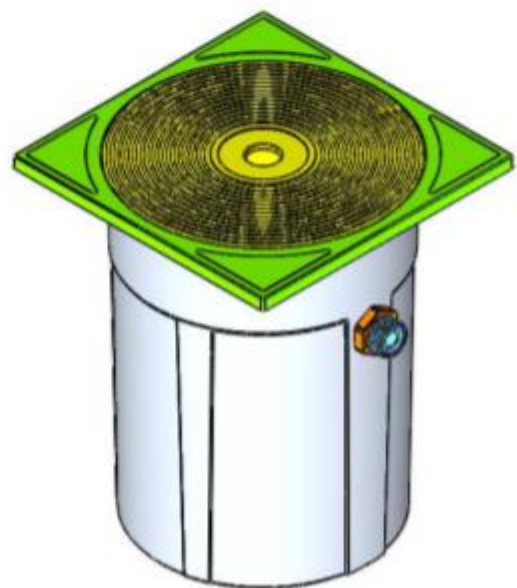
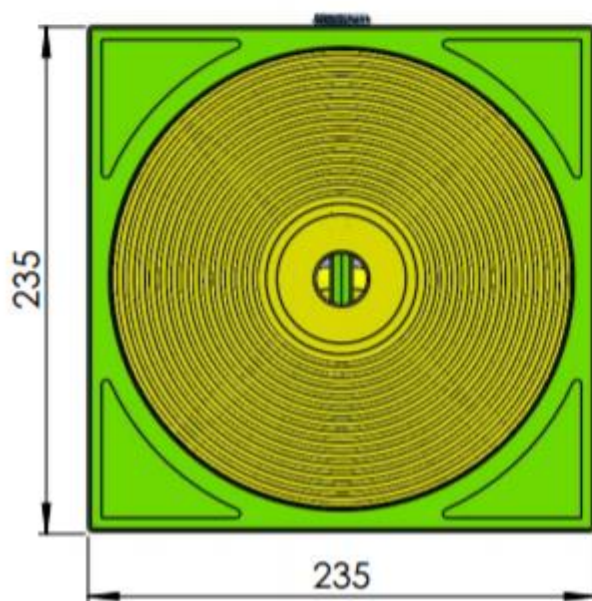
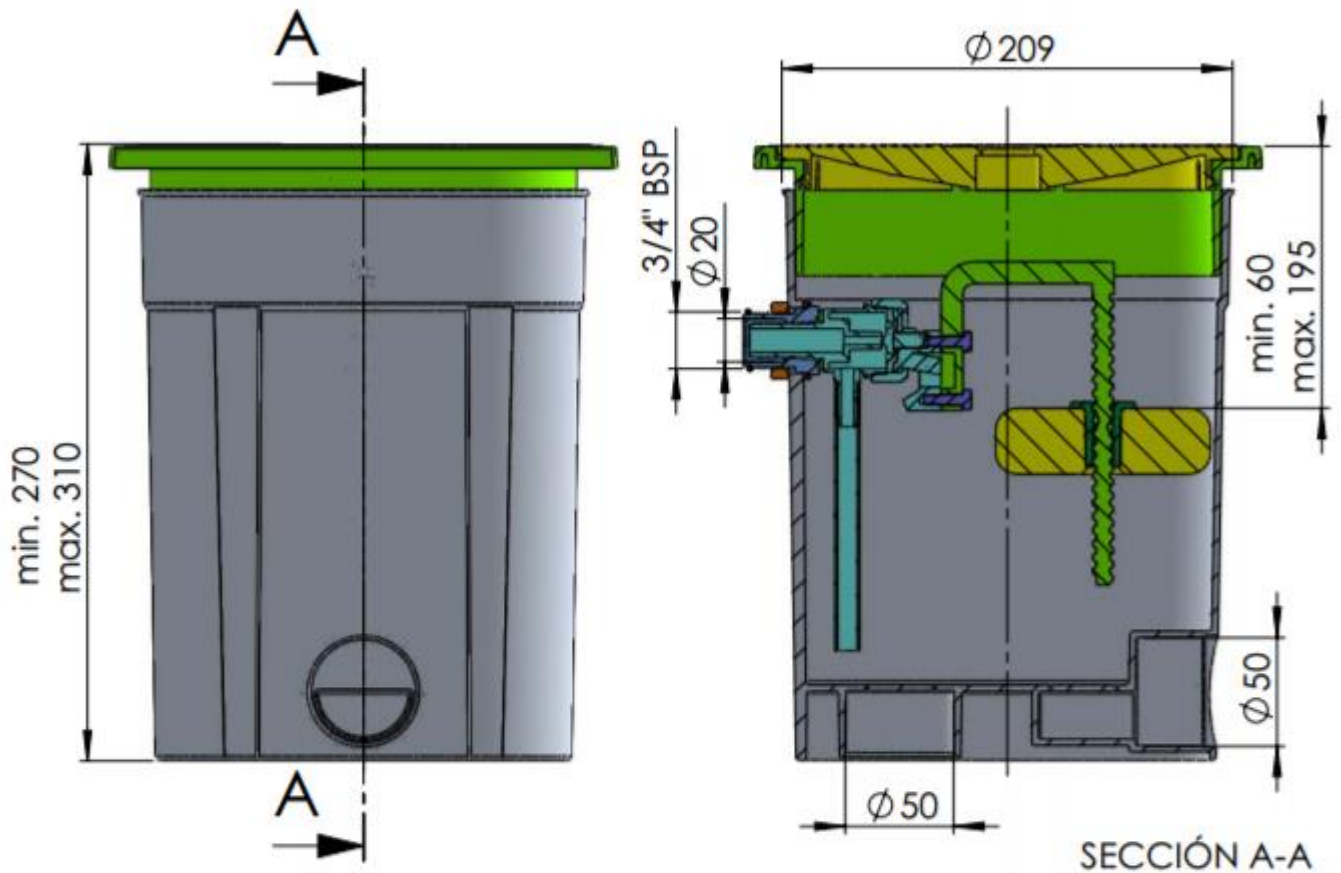


WATER REGULATOR

CÓDIGO / CODE: **15862**

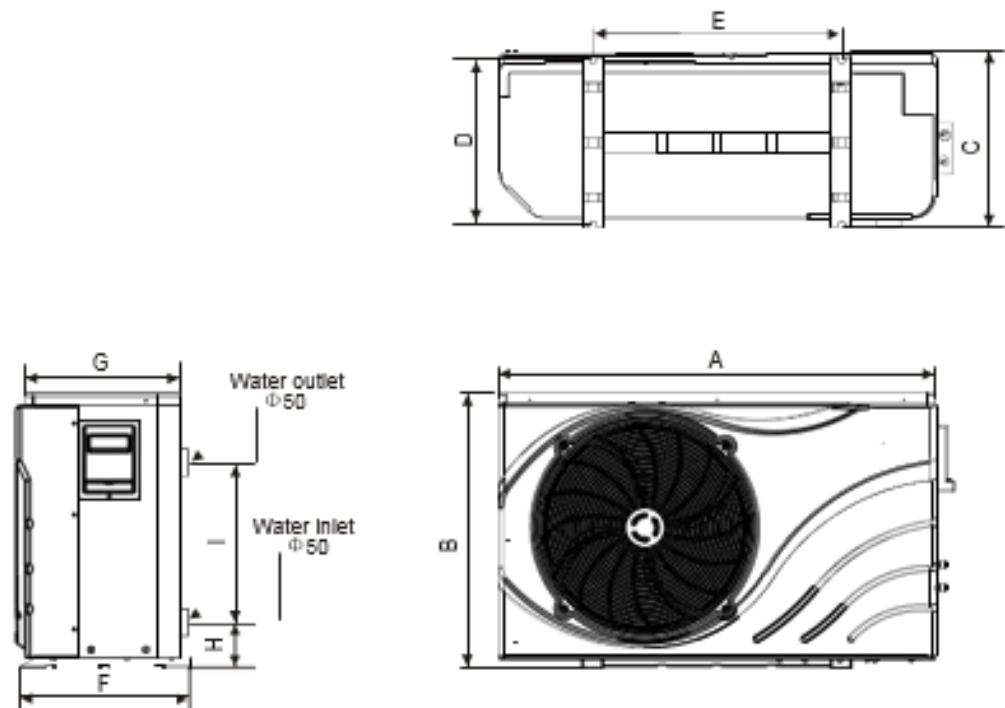
DESCRIPCIÓN: **REGULADOR DE NIVEL**

DESCRIPTION: **LEVEL REGULATOR (AUTO TOP-UP) FOR ALL TYPES OF SKIMMERS.**



HEATPUMP HP88 & HP126

Model: 78540/78541

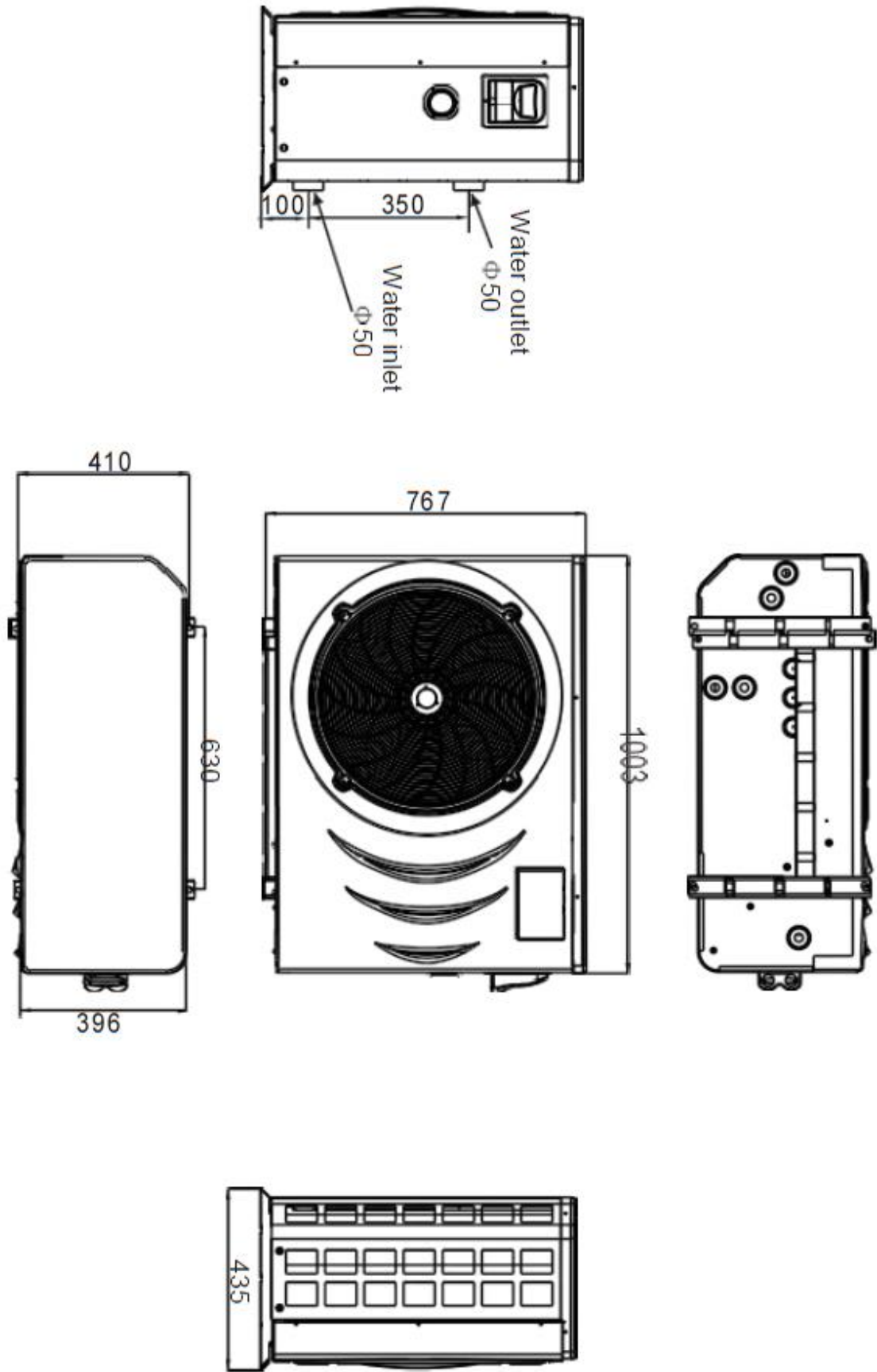


unit: mm

TYPE SIZE	78540/78541
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B	600
C	385
D	360
E	545
F	372
G	340
H	98
I	350

INVERTER HEATPUMPS – 78542,78543

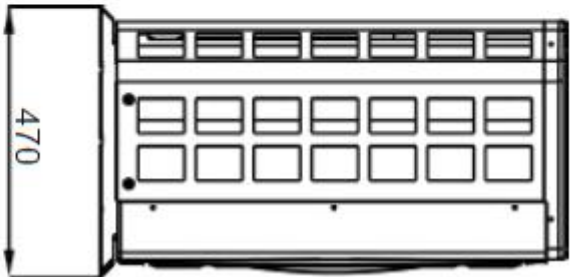
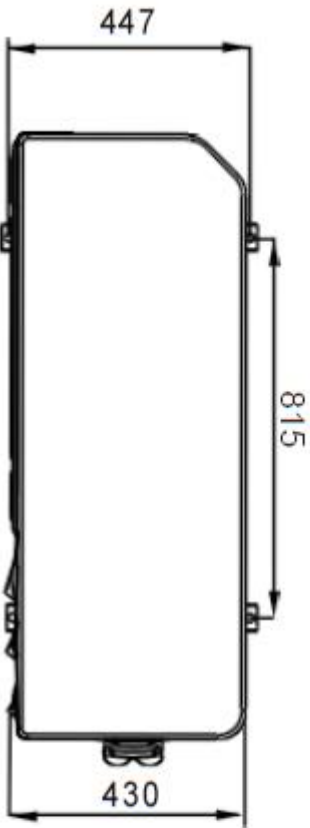
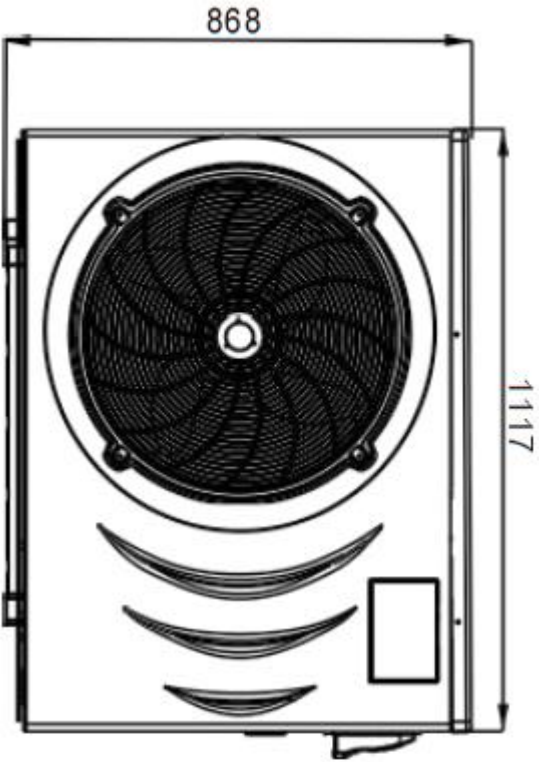
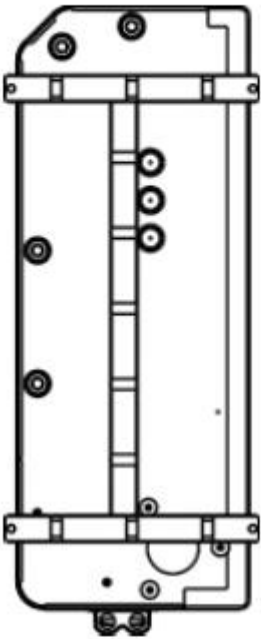
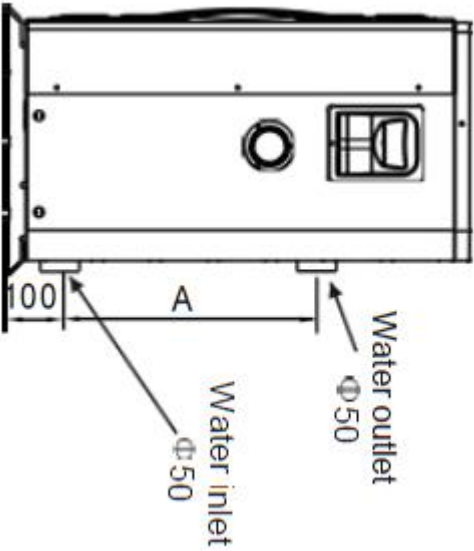
78542/78543



unit:mm

78544/78545

Model	78544	78545
A	400	470

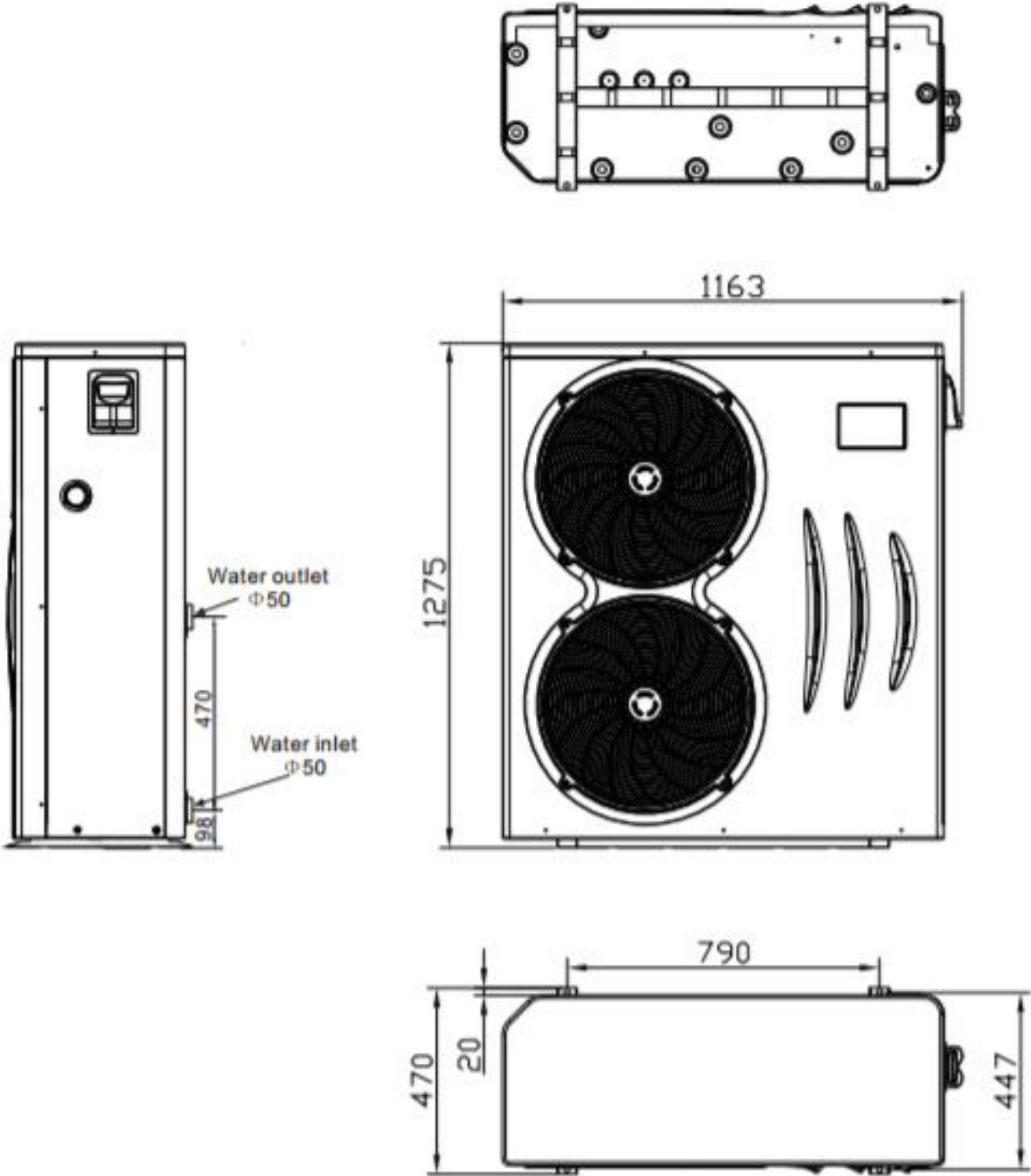


unit:mm

INVERTER HEATPUMP - 78546

78546

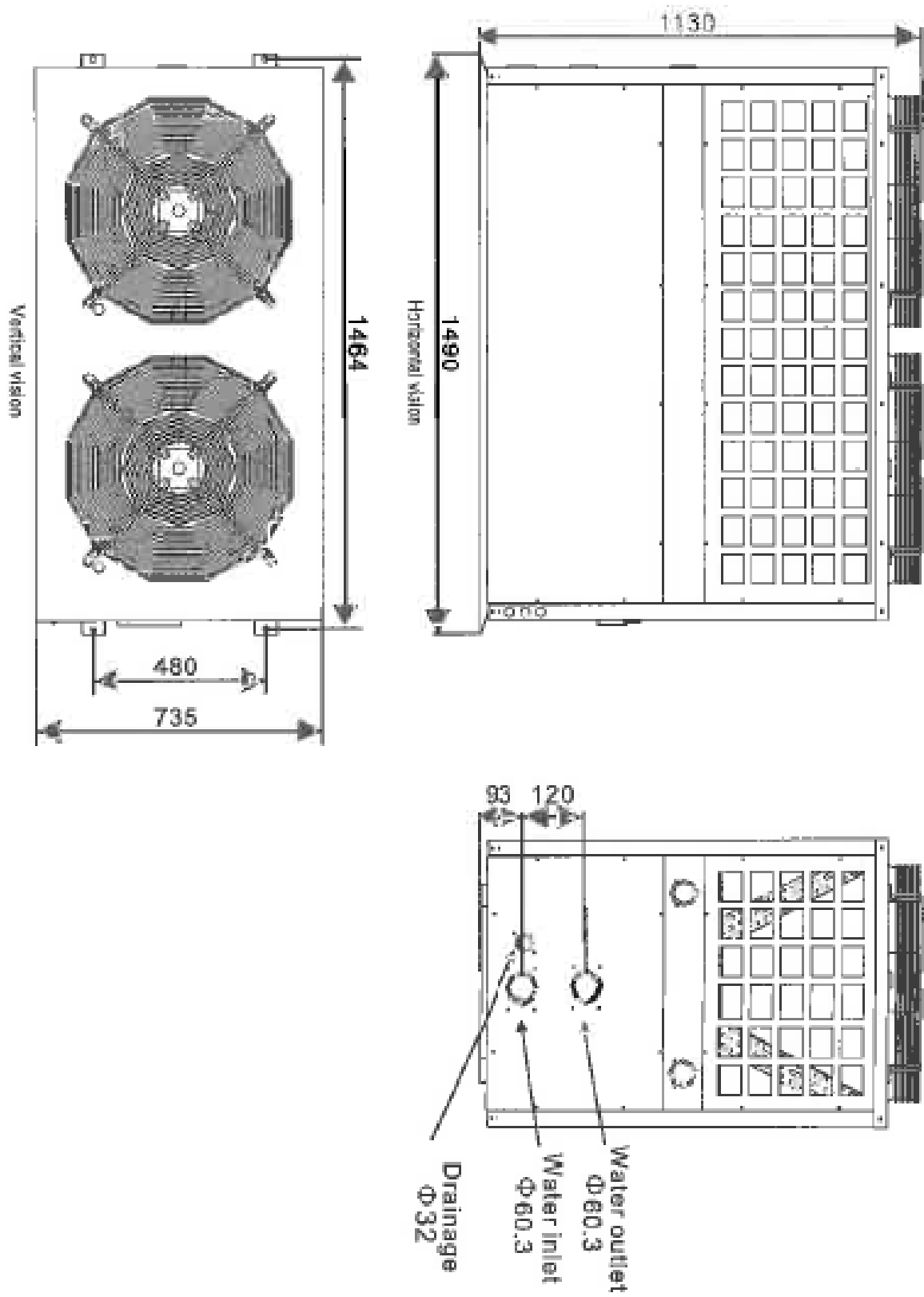
unit: mm



COMMERICAL HEATPUMP – 78551 , 78551

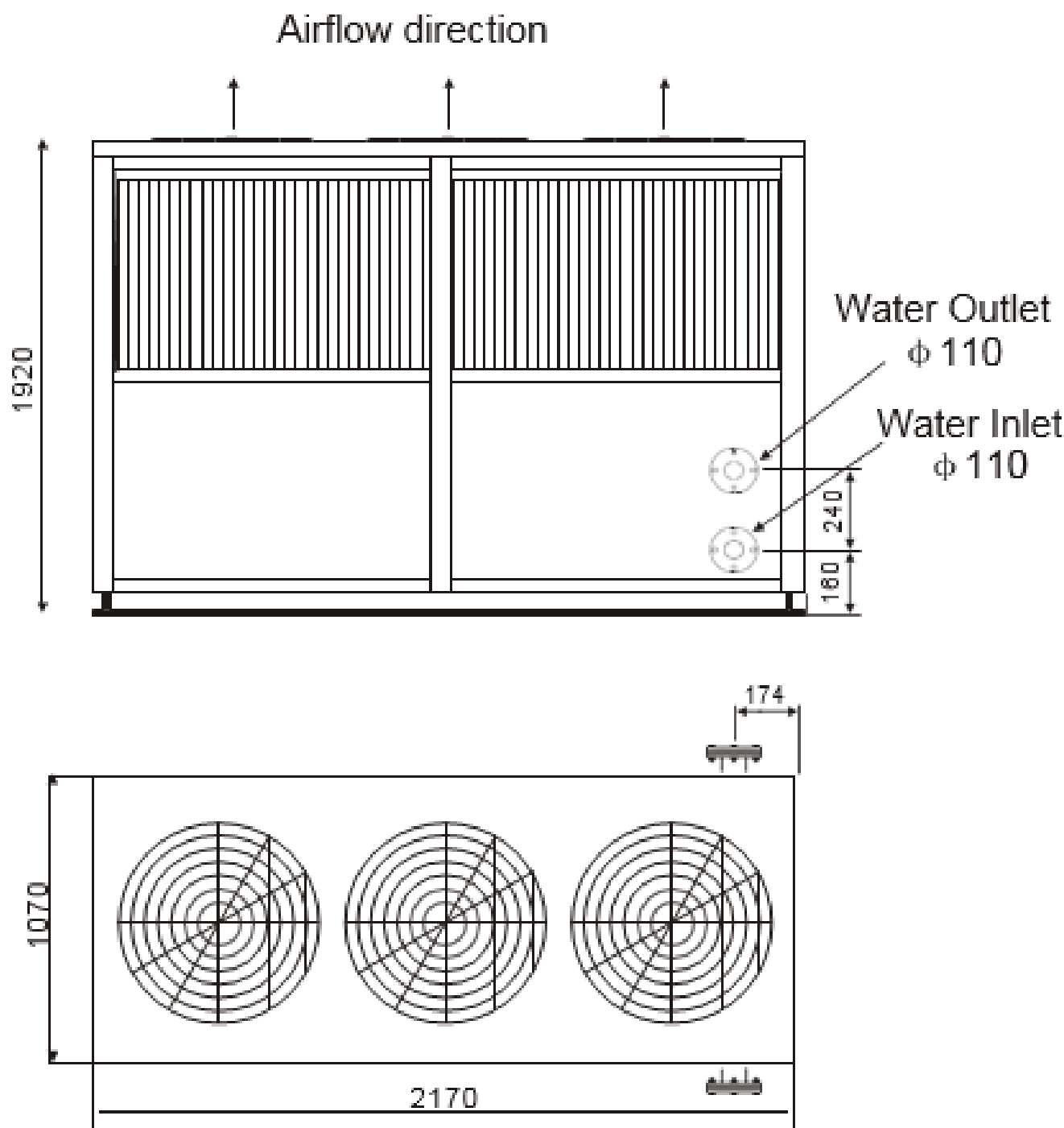
Models: 78550/78551

Unit: mm

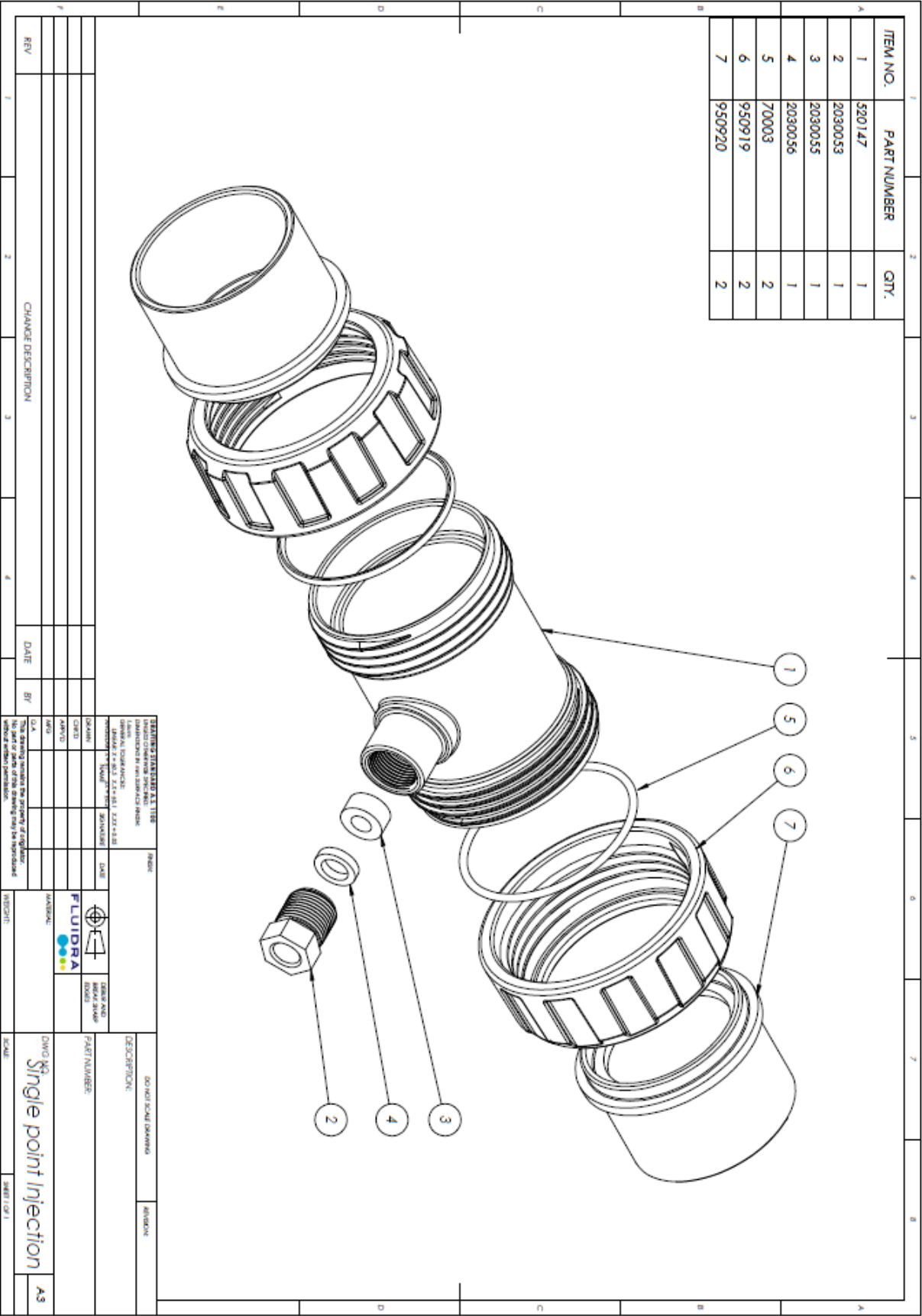


HEATPUMP 78552

Models: (78552) PASRW200S-V



SINGLE PORT MIXING CELL

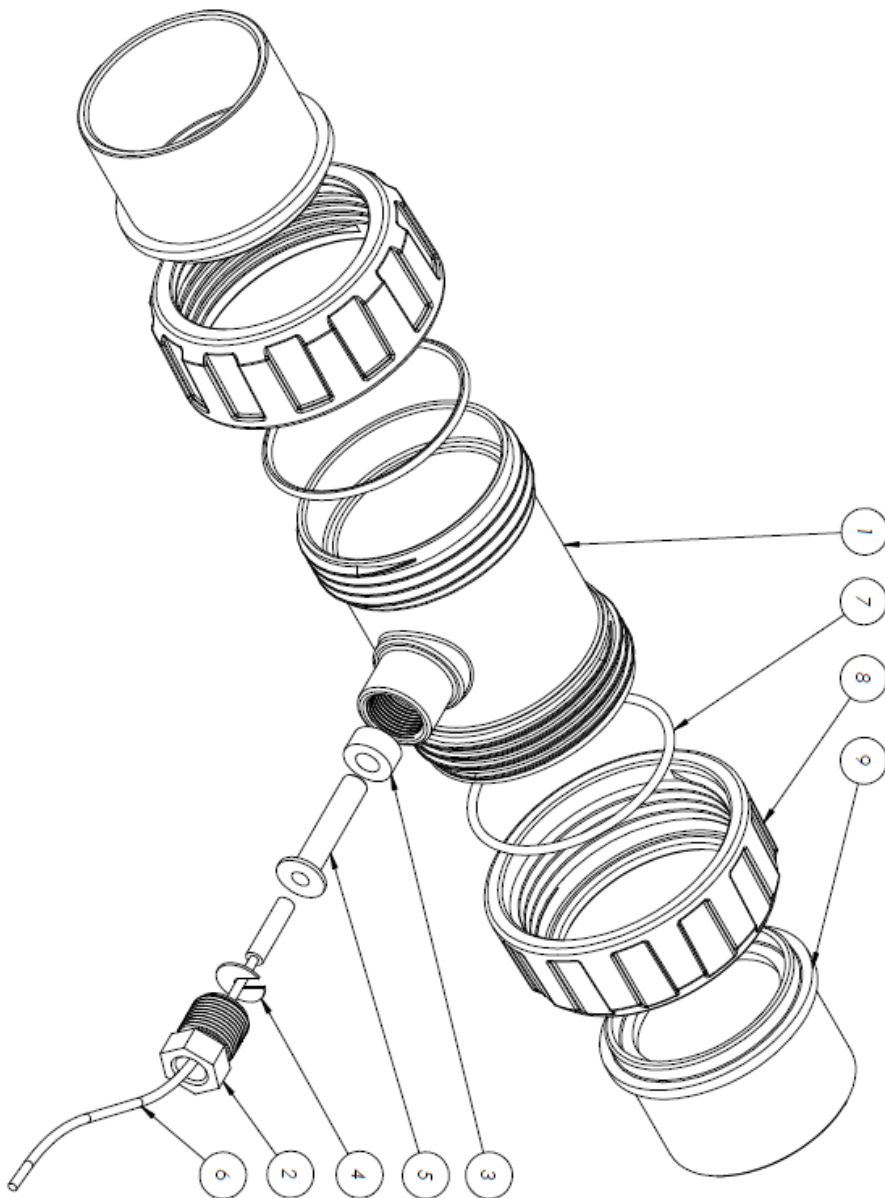


MULTIPOINT MIXING CELL

[illegible]

SOLAR TEMPERATURE CELL

ITEM NO.	PART NUMBER	QTY.
1	520147	1
2	2030053	1
3	2030055	1
4	477183	1
5	477182	1
6	78345	1
7	70003	2
8	950919	2
9	950920	2





INST440



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