



A Strong Whirlpool Pump



HA350 Pump

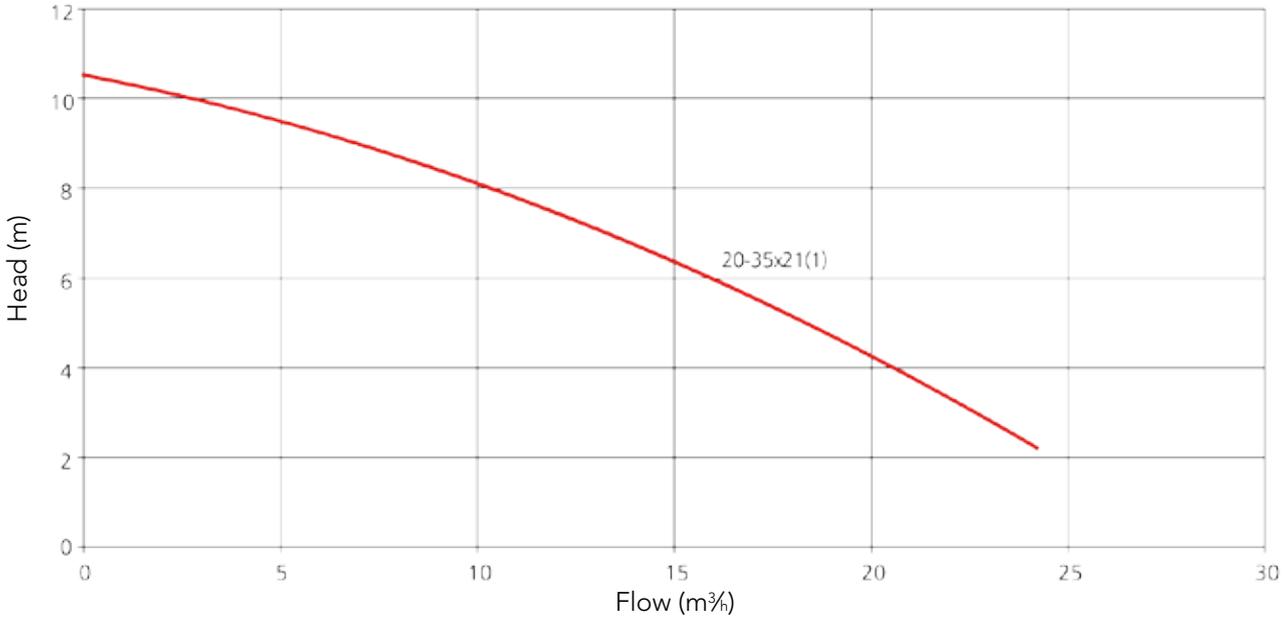
A Strong Whirlpool Pump

- High performance
- Variable control
- Dry run protection
- Silent running
- Both pneumatic and electronic use



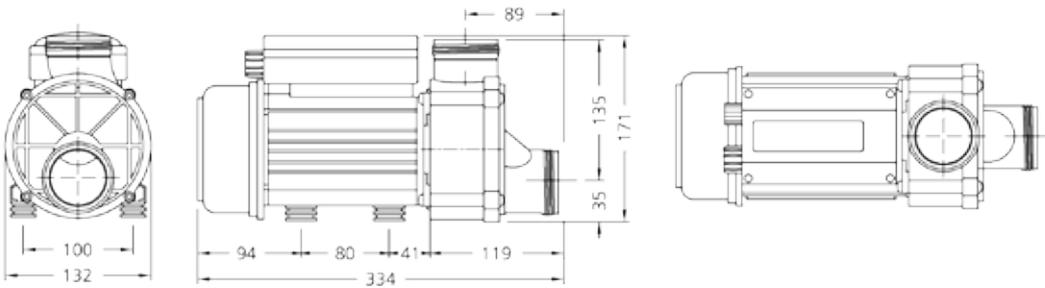
MODEL							THREAD	POWER & PERFORMANCE
Article no.	Dry Run	For vari. speed	Self Drain	Centre Suction	2.5" Buttress	V/Hz	P1	P2
20-35421		x	x		x	220-240V/50Hz	0.68 kW, 0.91 HP	0.56 kW, 0.75 HP
20-35221		x		x	x	220-240V/50Hz	0.68 kW, 0.91 HP	0.56 kW, 0.75 HP
20-354211	x		x		x	220-240V/50Hz	0.68 kW, 0.91 HP	0.56 kW, 0.75 HP

PERFORMANCE CURVE

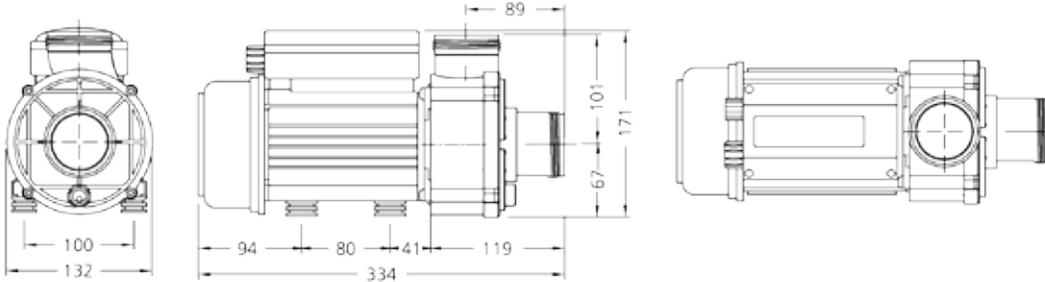


DIMENSIONS

Self-drain



Centre suction



Dimensions in mm

VARIABLE SPEED CONTROL — HYDROFLOW CONTROL

HydroAir International has developed a control that can regulate the flow on all pumps, leaving you in total control of the massage effect.

INSTALLATION

The HydroFlow Control is easy to install and can work as a stand alone control or be integrated in a complete system. It can be installed even on a pneumatic or a simple electronic system.

FUNCTIONALITY

Regulating the pump on the flow of the water rather than on the speed of the motor ensures a longer lifetime of the pump and there is no effect lost in the pump compared to a Triac regulation. Another advantage of the HydroFlow Control is that you eliminate the risk of overheating the pump. Furthermore there is no noise from the pump during regulation of the flow. The HydroFlow Control is IPx5.



SALES

The HydroFlow Control is ideal for after sales for existing on/off systems (retrofit) and is inexpensive compared to a Triac regulation.

ARTICLE NO.	DESCRIPTION
20-35x21(1)	HA 350 pump, 2.5" Buttress thread
20-0312 23-36x9 21-3495-1	3 outlets. 1 variable and 2 on/off. Connection for 12V water level sensor. 230V/50Hz/10A Round touch: pump on/off, blower on/off, plus and minus Chromeplated brass escutcheon (use with double sticky tape 40-3496)
20-0313 25-26x3-11 23-3679 21-3495-1	3 outlets. 1 variable and 2 on/off. Connection for 12V water level sensor. 230V/50Hz/10A 2/3/4 function oval touch - OR Round touch: pump on/off, blower on/off, plus and minus Chromeplated brass escutcheon (use with double sticky tape 40-3496)
20-0314 25-2673-11	3 outlets. 1 variable and 2 on/off. Connection for 12V water level sensor. 230V/50Hz/10A 4 function oval touch: pump, blower, light and a universal symbol.
25-0211-12	12V water level sensor, black, incl. 2 m. cable

Touch 25-2673-11



Touch 23-3679 incl. escutcheon 21-3495-1



Buttress Thread (2.50")

O-Ring mounted on union

STANDARD GLUE CONNECTION

PUMP UNION WITH DISCHARGE TEE

21-0455 2 X 32 mm I.D.
92030 2 x 26 mm O.D.



PUMP UNION WITH 90° ELBOW

20-0457 50 mm I.D.



PUMP UNION, STRAIGHT

20-0428 50 mm I.D.
20-0427 1 1/2" I.D.



VISIO BATH CONCEPT

VISIO® PUMP UNION WITH DISCHARGE TEE

60-0455 Incl. clamps



VISIO® PUMP UNION WITH 90° ELBOW

60-0457 50 mm I.D.



VISIO® PUMP UNION, STRAIGHT

60-0428 50 mm I.D.



Other Accessories

STANDARD GLUE CONNECTION

STANDARD GLUE CONNECTION

Discharge Tee

20-0425 2 X 32 mm I.D. X 50 mm O.D.
31-1510 2 X 1" I.D. X 1 1/2" O.D.
02030 2 x 26 mm O.D. x 1 1/2" OD



DRY RUN PROTECTION

Quick Connection

40-0219 6 mm I.D. X 1/4"



FOR INSTALLATION

Mounting Plate

247012



VISIO® BATH CONCEPT

DISCHARGE TEE

60-0425 Incl. clamps 50 mm O.D.



FLEXIBLE TUBE

20-5164 4 mm I.D. X 6 MM O.D.
10 m Roll



SCREW & NUT FOR MOUNTING PLATE

20-0408 Screw

20-0409 Nut



Installation HA350



There are different ways of installing the pump

1. The easy accessible rubber feet allow quick installation of the pump, by screwing 4 pcs. of M6 bolts up into the nuts, that are integrated in the rubber feet.
2. Install the pump by adding the mounting plate (247012). The 10mm nut and pole makes installation of the pump easy on the pump stand.
3. We can also deliver pumps with premounted mounting plates. Contact Sales for further information.

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