FOUNTAIN PUMP
AP

Application
These pumps can be used in water features, fountains, aquariums and ponds for circulation.

They are highly energy efficient and have a long service life.

Performance range
Maximum head:	1.6m TO 2.5m
Maximum flow:	500l/hr TO 1500l/hr
Power:	15W TO 45W

Operating limits
Maximum liquid temperature:	40°C
Length of operating time:	Continuous duty



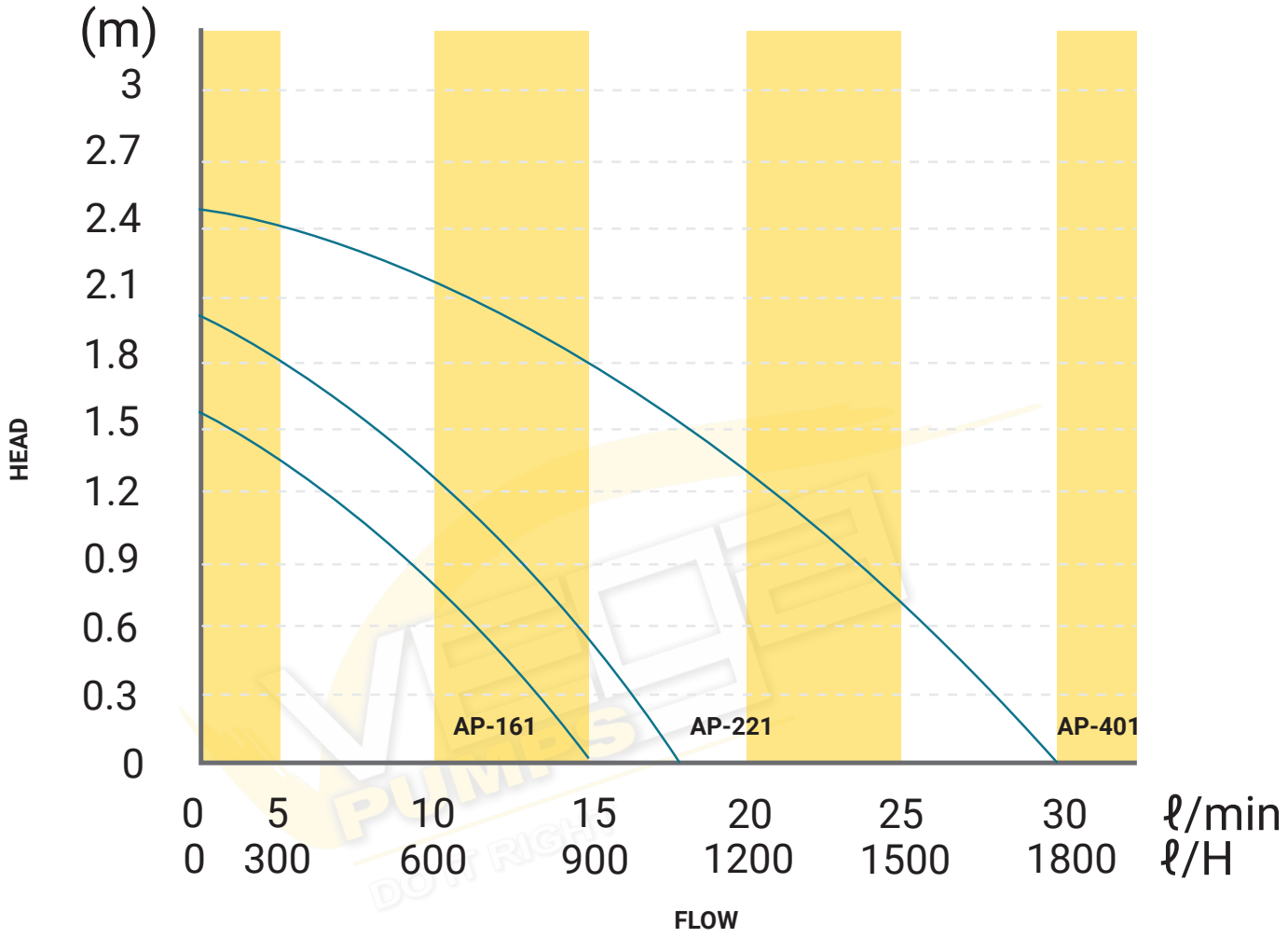
Performance chart

Model	VOLTAGE	POWER W	MAX. HEAD (m)	MAX. FLOW m³/h	CABLE LENGTH (m)	OUTLET (mm)	PLUG	WEIGHT (kg)	DIMENSIONS L x W x H (mm)
AP-161	220V/50Hz	15	1.6	0.8	1.5	13	2 point	0.45	108x73x75
AP-221	220V/50Hz	21	2	1.2	1.5	15	2 point	0.55	123x82x85
AP-401	220V/50Hz	45	2.5	1.5	1.5	18	2 point	1	155x106x108

*To ensure the extended lifespan of these pumps it is very important to regulary ensure any foliage or foreign material be removed from the inlet.

PERFORMANCE

Curve



FOUNTAIN PUMP
APS

Application
These pumps can be used in water features, fountains, aquariums and ponds for circulation.

They are highly energy efficient and have a long service life.



Performance range
Maximum head:	2.5m
Maximum flow:	1800l/hr
Power:	60W

Operating limits
Maximum liquid temperature:	40°C
Length of operating time:	Continuous duty

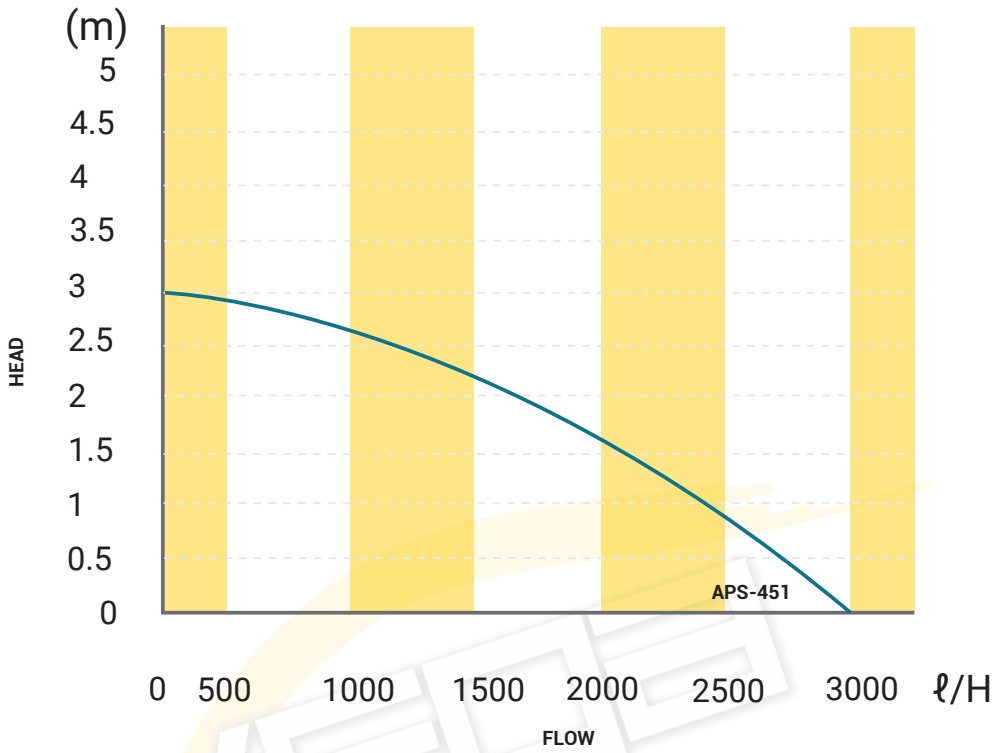
Performance chart

Model	VOLTAGE	POWER W	MAX. HEAD (m)	MAX. FLOW m³/h	CABLE LENGTH (m)	OUTLET (mm)	PLUG	WEIGHT (kg)	DIMENSIONS L x W x H (mm)
APS-451	220V/50Hz	60	3	3	3	19	3 point	1	110x72x96

*To ensure the extended lifespan of these pumps it is very important to regulary ensure any foliage or foreign material be removed from the inlet.

PERFORMANCE
Curve

Performance curves



Dimensions

MODEL	WEIGHT	L	W	H
APS-451	1kg	110mm	72mm	96mm