

QUOTATION

Page 2 / 11

DAB PUMPS S.p.A.
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Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

2017-05-31

2017-05-31

Society Reference Address Phone Fax E-mail Receiver From

ef. Item n	10.	Description				Q.ty	Unit pr.	Pri
		SERIES AQUAPE	ROF			1		
503150	0210	AQUAPROF BAS	IC 40/50			1	On req.	On re
		WORK DATA						
		Liquid	: Water, pure					
		Min. flow rate	: 0 m³/h					
		Total flow rate	:					
		Head	:					
			on H(Qmax.) : 19.788 m					
			on H(Qmin.) : 56.615 m					
		• •	on Q(max.) : 4.8 m³/h					
		• •	on Q(min.) : 0 m³/h					
		Temperature	: 20 °C					
		Operating pressur						
		Delivery diameter						
		Intake diameter	•					
		Motor type	: 1~230 V/50 Hz					
		MOTOR	0.75					
		Rated power	: 0.75 kW					
		Speed	: 2800 1/min					
		Brand	: DAB					
		Protection rating	: IP 44					
		DATI GENERALI						
		Applications						
		The AQUAPROF	unit is used for the manageme	ent and distributio	n of rain water.			
		The unit detects t	he lack of water in both rain w	ater and mains co	llection system			
		and corrects it to	guarantee that the system ope	rates correctly (or	rather, it			
		never lets the ide	ntified users run out of water).	Notify in the even	t of faults and			
		indicate the type	of problem incurred. The syste	m is generally lin	nited to irrigation,			
		washing machine	, WC flushing tank and floor cl	eaner systems. Th	ne main			
		objective of the A	QUAPROF system is to give p	riority to the use o	f rain water			
			ains water. When the rain water					
		is insufficient, the	control unit passes to the mai	ns water supply th	ereby ensuring			
		a flow of water at	the extraction points (The wat	er supplied by the	AQUAPROF is			
		not drinkable). Th	e connection between the rair	water collection	tank and the			
		mains water colle	ction tank, which is integrated	into the system, is	s selected by a			
		three-way valve fi	tted to the pump suction.					
		•	es exactly the same as a pump	with a "startstop"	'system using			
			control. When the pressure dro	•				
		pump starts, wher	the tap is turned off the pump	stops, if there is	a lack of water			
			nd a warning is signalled on th	•				
			ump automatically starts again		•			
		the set parameter	s the pump carries on operatin	g normally. The s	system also			
		•	I anti-stench and anti-draining	•	•			
		•	ol of the 3-way valve every 24					
		•	s the content of the internal m		very week (the			
		•	to the request of water used).		,			
ect			Project ID	Crea	ted by		Created on I	_ast update
							2047 05 24	



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	Pro-printing	0.45-5	I lock on	D
ltem no.	Description	Q.ty	Unit pr.	Pri
	Constructional features			
	The content of the co			
	The system comprises a recyclable polyethilene console, a completely automatic			
	electronic control unit, three-way automatic valve and electropump Euroinox 30/50 M or Euroinox 40/50 M series. Supplied with wall bracket as a standard			
	and float switch with 20 mt of cable for AQUAPROF BASIC version,			
	or probe sensor level with 20 mt of cable for AQUAPROF TOP.			
	Technical specifications			
	- IP protection class: 42			
	- Ambient temperature: min. +5°C - max. +40°C			
	- Flow rate (lt/min - m3/h): 80 l/min			
	- Head max (H m):			
	42,2 Aquaprof 30/50			
	57,7 Aquaprof 40/50			
	- Pumped liquid temperature: from +5°C to +35°C			
	- Maximum system pressure: 6bar (600 KpA)			
	- Maximum mains pressure: 4bar (400 KpA)			
	- Maximum usage height: 15mt - Capacity of the tank: 12 lt.			
	- Mains water pipe dimensions: 3/4"			
	- Discharge pipe dimensions: 1"			
	- Suction pipe dimensions: 1"			
	- Overflow dimensions: DN50			
	Subtotal:		On req.	On r
				1
503150200	SERIES AQUAPROF AQUAPROF BASIC 30/50	1	On roa	Onr
303130200	AQUAFROF BASIC 30/30	'	On req.	On i
	WORK DATA			
	Liquid : Water, pure			
	11: 1			
1	Min. flow rate : 0 m ³ /h			
	Min. flow rate : 0 m³/h Total flow rate :			
	Total flow rate :			
	Total flow rate : Head : Field of application H(Qmax.) : 13.971 m Field of application H(Qmin.) : 41.657 m			
	Total flow rate : Head : Field of application H(Qmax.): 13.971 m Field of application H(Qmin.): 41.657 m Field of application Q(max.): 4.8 m³/h			
	Total flow rate : Head : Field of application H(Qmax.): 13.971 m Field of application H(Qmin.): 41.657 m Field of application Q(max.): 4.8 m³/h Field of application Q(min.): 0 m³/h			
	Total flow rate : Head : Field of application H(Qmax.): 13.971 m Field of application H(Qmin.): 41.657 m Field of application Q(max.): 4.8 m³/h Field of application Q(min.): 0 m³/h Temperature : 20 °C			
	Total flow rate : Head : Field of application H(Qmax.) : 13.971 m Field of application H(Qmin.) : 41.657 m Field of application Q(max.) : 4.8 m³/h Field of application Q(min.) : 0 m³/h Temperature : 20 °C Operating pressure :			
	Total flow rate : Head : Field of application H(Qmax.): 13.971 m Field of application H(Qmin.): 41.657 m Field of application Q(max.): 4.8 m³/h Field of application Q(min.): 0 m³/h Temperature : 20 °C Operating pressure : Delivery diameter :			
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	Total flow rate : Head : Field of application H(Qmax.): 13.971 m Field of application H(Qmin.): 41.657 m Field of application Q(max.): 4.8 m³/h Field of application Q(min.): 0 m³/h Temperature : 20 °C Operating pressure : Delivery diameter : Intake diameter : Motor type : 1~230 V/50 Hz			
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ect	Total flow rate : Head : Field of application H(Qmax.): 13.971 m Field of application H(Qmin.): 41.657 m Field of application Q(max.): 4.8 m³/h Field of application Q(min.): 0 m³/h Temperature : 20 °C Operating pressure : Delivery diameter : Intake diameter : Motor type : 1~230 V/50 Hz MOTOR Rated power : 0.55 kW Speed : 2800 1/min Brand : DAB		Created on I	ast update



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ef.	Item no.	Description	n			Q.ty	Unit pr.	Pr
		+				-		
		DATI GENE	RALI					
		Applications	;					
			ROF unit is used for the management					
		1	ects the lack of water in both rain water it to guarantee that the system operated the system operated.		-			
		1	e identified users run out of water). No	- ,				
		1	type of problem incurred. The system	•				
		1	chine, WC flushing tank and floor clea	-	•			
		objective of	the AQUAPROF system is to give prior	ority to the use of	rain water			
		over that of	the mains water. When the rain water	contained in the	collection tank			
		isinsufficien	t, the control unit passes to the mains	water supply the	reby ensuring			
			ter at the extraction points (The water					
		1	e). The connection between the rain v					
		1	collection tank, which is integrated in	ito tne system, is	selected by a			
		1	alve fitted to the pump suction. perates exactly the same as a pump were the	with a "etarteton"	avatem ugina			
			ssure control. When the pressure drop	•				
			when the tap is turned off the pump s					
		1 .	ops and a warning is signalled on the	•				
		preset time t	he pump automatically starts again a	nd if all operation	ns are within			
		the set parar	meters the pump carries on operating	normally. The sy	rstem also			
		includes a sp	pecial anti-stench and anti-draining tr	ap. The system p	erforms an			
		1 '	control of the 3-way valve every 24 ho					
		1	renews the content of the internal main mited to the request of water used).	ins water tank ev	ery week (the			
		lenewarisin	inted to the request of water used).					
		Construction	al features					
		The system	comprises a recyclable polyethilene c	onsole, a comple	etely automatic			
		electronic co	ontrol unit, three-way automatic valve	and electropum	p Euroinox			
			Euroinox 40/50 M series. Supplied wit					
		1	itch with 20 mt of cable for AQUAPRO		ι,			
		or probe sen	sor level with 20 mt of cable for AQU	APROF TOP.				
		Technical sp	pecifications					
		- IP protection	on class: 42					
		1	mperature: min. +5°C - max. +40°C					
			t/min - m3/h): 80 l/min					
		- Head max						
		42,2 Aquapr						
		57,7 Aquapr	or 40/50 quid temperature: from +5°C to +35°C	:				
		1	system pressure: 6bar (600 KpA)	•				
		i	mains pressure: 4bar (400 KpA)					
		1	usage height: 15mt					
		- Capacity of	f the tank 12 lt.					
		1	er pipe dimensions: 3/4"					
		- Discharge p	pipe dimensions: 1"					
jec	t		Project ID	Create	ed by	С	reated on L	ast update



2017-05-31

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WATER•TECHNOLOGY Receiver From Ïðîôèë ÎÎÄ Society Reference Äàêîâ, Òîäîð Teînâ; Grafo Teînâaèa, Taçàðaæèøêî øîñå 6-òè êì +359 882 469 523 Address Phone E-mail trade@profilbg.com

Ref.	Item no.	Description	Q.ty	Unit pr.	Price
		- Discharge pipe dimensions: 1"			
		- Suction pipe dimensions: 1"			
		- Overflow dimensions: DN50			
		Subtotal:	•	On req.	On req.

VAT in % Total price incl. VAT Total price excl. VAT 16 Project ID Created by Project Created on Last update 2017-05-31



DATA SHEET

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Receiver

Society Reference Address Phone Fax

Model:

AQUAPROF BASIC 40/50

Pump data

Impeller size 0 mm

Type of installation : Self-priming pumps

Pressure rating:

Min. fluid temperature : $5 \, ^{\circ}\text{C}$ Max. fluid temperature : $35 \, ^{\circ}\text{C}$

Minimun suction head :

 $\begin{tabular}{ll} Temperature & \begin{tabular}{ll} \begin{ta$

Requested data

Flow: Head:

Fluid : Water Fluid Temperature : $20\,^{\circ}\text{C}$

Density: 0.9983 kg/dm³
Kinematic viscosity: 1.005 mm²/s
Vapor pressure: 2.2045 kPa

Hydraulic data (duty point)

 Flow:
 0 m³/h

 Head:
 0 m

 Power input P1:
 1.2 kW

 Rated speed:
 2800 1/min

Materials

Pump body AISI 304 X5 Cr Ni 1810 UNI 6900/71

Impeller Technopoly mer

Shaft with rotor AISI 304 X5 Cr Ni 1810 UNI 6900/71

OR ring NBR

Diff user Technopoly mer
Mechanical seal Carbon/Ceramic

Disc seal AISI 304 X5 Cr Ni 1810 UNI 6900/71

Motor data

Motor brand : DAB

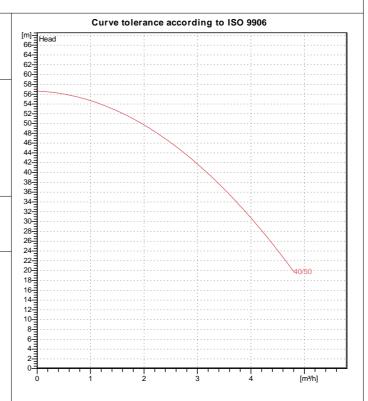
Nominal power P2: 0.75 kW

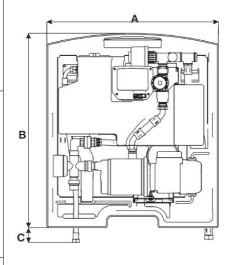
Rated speed: 2800 1/min

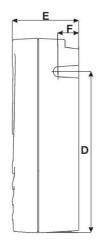
Rated voltage : 1~ 220-240 V 50 Hz

Nominal current : 5.3 A

Degree of protection : IP 44







Dimensions in mm

Α	750	Е	290		
В	850	F	148		
С	50.5				
D	747				

Suction side : /
Discharge side : /
Weight : 28 kg

DAB PUMPS S.p.A.

	017-05-31	Tel. +39 049 51	14 - 35035 Mestrino (PD), Italy 25000 - Fax +39 049 5125950 w.dabpumps.com
W A T E R • T E C H N O L O G Y	Receiver	From	
Society Reference Address Phone Fax E-mail			
AQUAPROF BASIC 40/50 Curve tolerance according to ISO	O 9906		
[m]= Head·····			
67= 66=			
65- 1 64- 1			
63 11 62 11			
61			
59를			
58 			
56 T			
54 1 53-			
52			
51 			
49 = 48=			
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45			
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42 			
40 39			
38		\	
37 			
35= 34=			
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32 		<u> </u>	
30 			
28= 27=		\	
26 1 25 2 25 2 25 2 25 2 25 2 25 2 25 2			
24를		\	
23 			
21 		1050	
19를		40/50	
18 			
16 			
14 =			
12를			
11 			
9 			
7			
5∰			
4 			
2 = 1=			
0 0.5	1 1.5 2 2.5 3	3.5 4 4.5 5	[m ⁹ /h]
	Hydraulic data (duty poin		
Suction side :	Discharge side :	Flow: Head: 0 m ³ /h 0 m	Rated speed : 2800 1/min
	T.		1

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DIMENSIONAL DRAWING

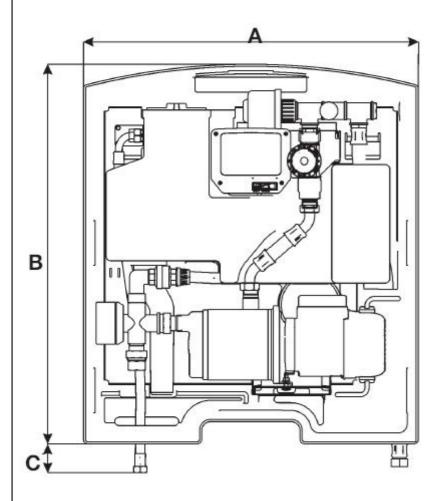
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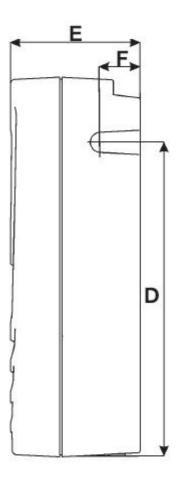
From

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	Receiver
Society	
Reference	
Address	

AQUAPROF BASIC 40/50





Dimensions in mm						F	Pump connection	
1 A	750							
2 B	850					;	Suction	
3 C	50.5							
4 D	747							
5 E	290							
6 F	148						Discharge	
Project		Project	ID		Cr	reated b	by	Created on
								2017-05-31



DATA SHEET

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Receiver

Society Reference Address Phone Fax

Model:

AQUAPROF BASIC 30/50

Pump data

Impeller size 0 mm

Type of installation : Self-priming pumps

Pressure rating:

Min. fluid temperature : $5 \, ^{\circ}$ C

Max. fluid temperature : $35 \, ^{\circ}$ C

Minimun suction head :

 $\begin{tabular}{ll} Temperature & \begin{tabular}{ll} \begin{ta$

Requested data

Flow : Head :

Fluid : Water Fluid Temperature : $20\,^{\circ}\text{C}$

Density: 0.9983 kg/dm³
Kinematic viscosity: 1.005 mm²/s
Vapor pressure: 2.2045 kPa

Hydraulic data (duty point)

 Flow:
 0 m³/h

 Head:
 0 m

 Power input P1:
 0.88 kW

 Rated speed:
 2800 1/min

Materials

Pump body AISI 304 X5 Cr Ni 1810 UNI 6900/71

Impeller Technopoly mer

Shaft with rotor AISI 304 X5 Cr Ni 1810 UNI 6900/71

OR ring NBR

Diff user Technopoly mer
Mechanical seal Carbon/Ceramic

Disc seal AISI 304 X5 Cr Ni 1810 UNI 6900/71

Motor data

Motor brand : DAB

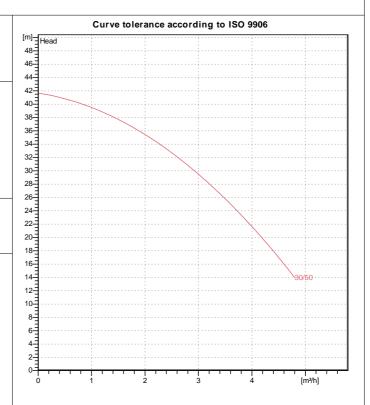
Nominal power P2: 0.55 kW

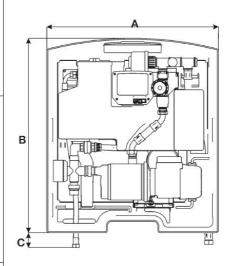
Rated speed: 2800 1/min

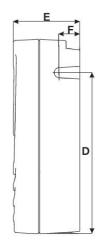
Rated voltage : 1~ 220-240 V 50 Hz

Nominal current : 3.9 A

Degree of protection : IP 44







Dimensions in mm

Α	750	Е	290			l
В	850	F	148			ı
С	50.5					ı
D	747					l
			l			ı

Suction side : /
Discharge side : /
Weight : 28 kg

DAB

PERFORMANCE CURVES

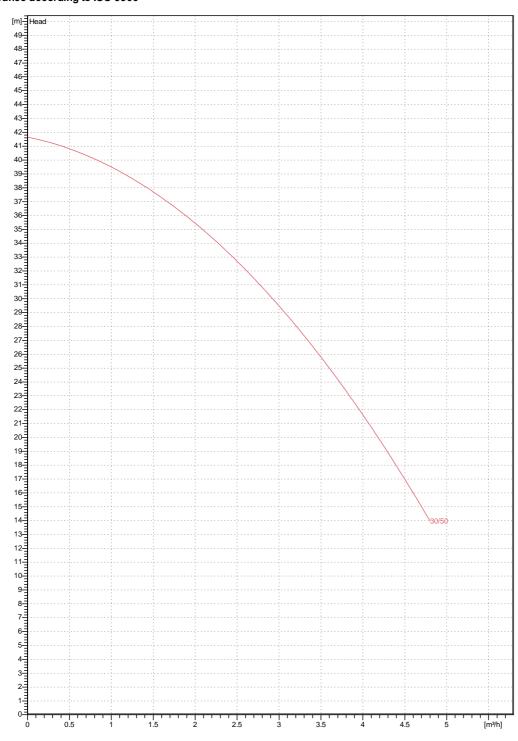
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AQUAPROF BASIC 30/50

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

DAB

2017-05-31

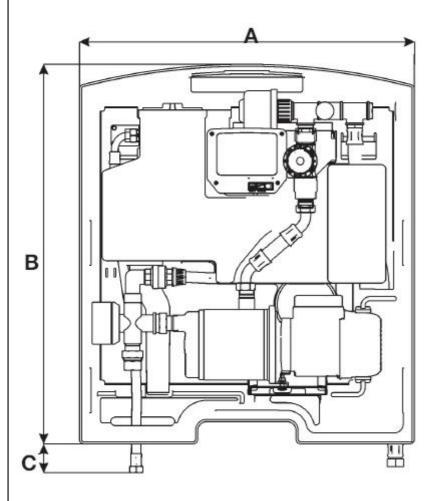
DIMENSIONAL DRAWING

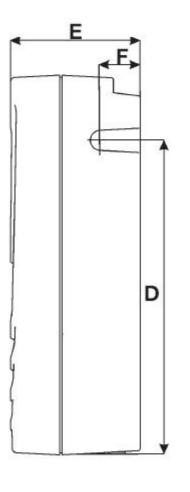
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AQUAPROF BASIC 30/50





Dimensions in mm							Pump connection		
1	Α	750							
2	В	850						Suction	
3	С	50.5							
4	D	747							
5	E	290							
6	F	148						Discharge	
L									
Project			Proje	Project ID Create			Created by		Created on
									2017-05-31