

# Conva™ - DEEP WELL PACKER ELECTRIC PUMPS

Deep well jet self priming suitable for wells with low capacity.

## Applications

• Where the pumps must be used: in those wells where the suction lift required is deeper than 8-9m and with water level changes and in those wells where the well water capacity is low; when a jet pump cannot be used (for lift suctions deeper than 8-9m: a well with a depth to water that is constantly or periodically greater than 8-9m): this pumpset which is easy and safe has a Suction Capacity down to 50m depth (underground, as far as 50 metres below the level of the installed pump and while the pump sits aboveground !)

When these pumps must be used:

- when the submersible pump is too big for the well capacity or for the well size
- when to drill a bore is too difficult or expensive
- are ideal for supplying high pressure water from well bores to 50m depth for:
  - water transfer and supply
  - booster service
  - tank filling
  - stock watering

- sprinkler supply
- hosing down jobs
- garden watering and waterfalls and fountains

And many other applications !

## ADVANTAGES

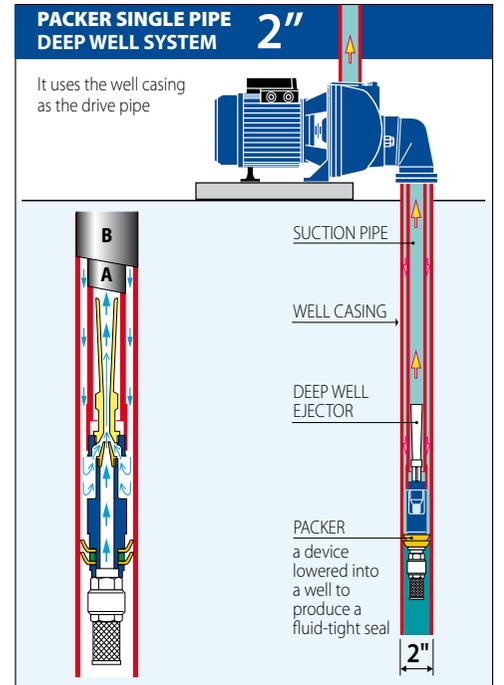
- no need to drill expensive wells
- this economical simple and efficient and versatile pump replaces the need to install a very expensive and complicated submersible pump
- ideal for well with low water capacity
- ideal for handling waters with a tolerable content of sand
- lowest consumption of energy with highest efficiency:energy saving
- easy to maintain, long life, trouble free



## Conva™ 2"

TYPES		HP	kW	DNa- Suction BSP/Gas	DNm- Delivery BSP/Gas	Ejector well type	Ejector well size	Suction depth m	Q = Performance at 2900 rpm								Electric Pump Dimensions in mms	Weight in kg	
1~ 230V 50Hz	3~ 230/400V 50Hz								m³/h	0,18	0,36	0,6	0,9	1,2	1,5	1,8			2,1
		l/m																	
CV80-2	CV80T-2	0,8	0,6	1" 1/4	1"	D30	2"	25	22	16	11	8						185x340x200	10,6
								30	14	8									
CV82-2	CV82T-2	0,8	0,6	1" 1/4	1"	D20	2"	15	31	28	25	22	19	17	15	12		185x340x200	10,6
								20	28	23	18	15	13	11					
CV100-2	CV100T-2	1	0,75	1" 1/4	1"	D30	2"	25	30	25	20	14	11					185x340x200	11,8
								30	14	8									
CV102-2	CV102T-2	1	0,75	1" 1/4	1"	D20	2"	15	40	37	34	30	27	24	21	18		185x340x200	11,8
								20	37	34	30	25	21	17					
BCV150-2	BCV150T-2	1,5	1,1	1" 1/4	1"	D30	2"	35				49	41	20				220x415x230	27,2
								40			48	40							
BCV152-2	BCV152T-2	1,5	1,1	1" 1/4	1"	D20	2"	15						42	35	25	21	220x415x230	27,2
								20					50	37	30	21			
BCV220-2	BCV220T-2	2,2	1,65	1" 1/4	1"	D30	2"	35				46	30					220x415x230	27,7
								40			49	40							
BCV222-2	BCV222T-2	2,2	1,65	1" 1/4	1"	D20	2"	15						46	35	30		220x415x230	27,7
								20					50	44	40	28	23		
								25											

H<sub>tm</sub> = Total head in meters w.c.



# Conva™ - DEEP WELL PACKER ELECTRIC PUMPS

Conva™ 4"		Q = Performance at 2900 rpm																Electric Pump Dimensions in mms	Weight in kg							
TYPES		HP	kW	DNa- Suction BSP/Gas	DNm- Delivery BSP/Gas	Ejector well type	Ejector well size	Suction depth m	Hm = Total head in meters w.c.																	
1~ 230V 50Hz	3~ 230/400V 50Hz								m³/h	0,18	0,36	0,6	0,9	1,2	1,5	1,8	2,1			3	3,6					
										l/m	3	6	10	15	20	25	30	35	50	60						
CV80-4	CV80T-4	0,8	0,6	1" 1/4	1"	D30	4"	25	22	16	11	8										185x340x200	10,1			
								30	14	8																
CV82-4	CV82T-4	0,8	0,6	1" 1/4	1"	D20	4"	15	31	28	25	22	19	17	15	12						185x340x200	10,1			
								20	28	23	18	15	13	11												
CV100-4	CV100T-4	1	0,75	1" 1/4	1"	D30	4"	25	30	25	20	14	11									185x340x200	11,3			
								30	14	8																
CV102-4	CV102T-4	1	0,75	1" 1/4	1"	D20	4"	15	40	37	34	30	27	24	21	18						185x340x200	11,3			
								20	37	34	30	25	21	17												
BCV150-4	BCV150T-4	1,5	1,1	1" 1/4	1"	D30	4"	35					49	41	20							220x415x230	27,2			
								40				48	40													
BCV152-4	BCV152T-4	1,5	1,1	1" 1/4	1"	D20	4"	15									42	35	25	21		220x415x230	27,2			
								20										50	37	30	21					
BCV220-4	BCV220T-4	2,2	1,65	1" 1/4	1"	D30	4"	25									45	34	27			220x415x230	27,7			
								35										28	20							
BCV222-4	BCV222T-4	2,2	1,65	1" 1/4	1"	D20	4"	15										46	35	30		220x415x230	27,7			
								20																		
								25										50	44	40	28	23				

• Reduction in speed will result in a fall of performance.      • DO NOT RUN PUMP DRY!      • Tolerances according to ISO 9906, Annex A.

