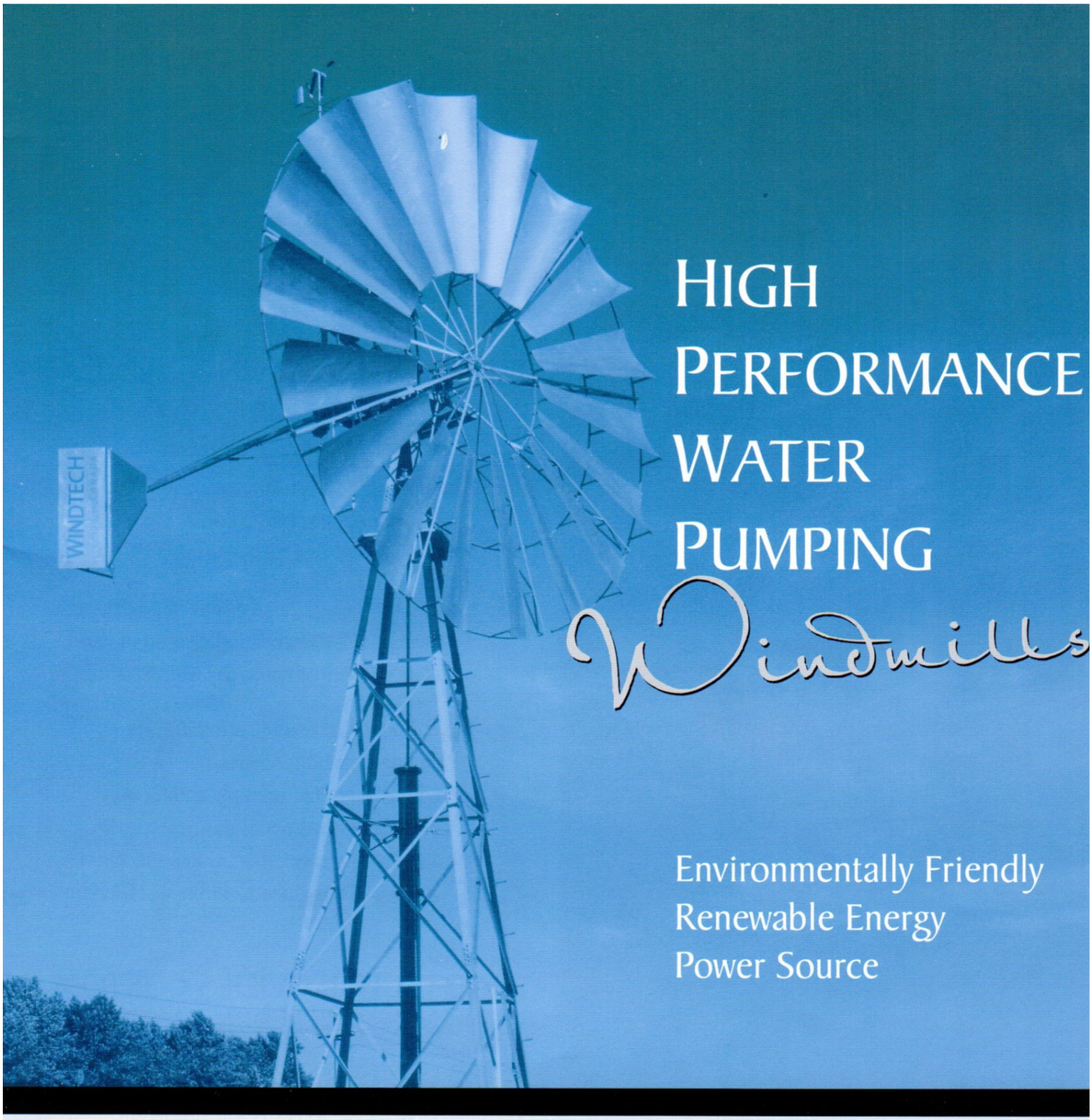

Low Wind LLC
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Scottsdale, AZ 85260
Tel./Fax: (480) 609-0058 / (480) 998-4470
Website: www.Low-Wind.com

HIGH PERFORMANC

Environmentally Friendly Renewable Energy Power Source

HOW MUCH WATER WILL THE LOW WIND WINDMILL PUMP?

Step 1. Select System Type

Step 2. Determine Total Head; add
- Depth-to Water (#2); to
- Elevation of Tank (#3)

Step 3. Measure Average Windspeed
- Over one day/week/month/season of year
- Note number of hours/day wind is available

Step 4. Determine Gallons/Minute (GPM) from Pumping Capability Charts
- For Gallons/Day, multiply GPM x 60 x average of windspeeds during 24 hour period
- For Gallons/(week/month) multiply GPM x average of windspeeds during week/month,etc

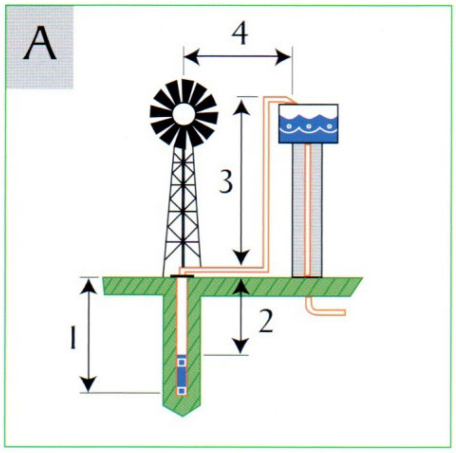
LOW WIND PROVIDES CUSTOM WINDMILL SYSTEMS THAT WILL PUMP THE TARGET GPMS

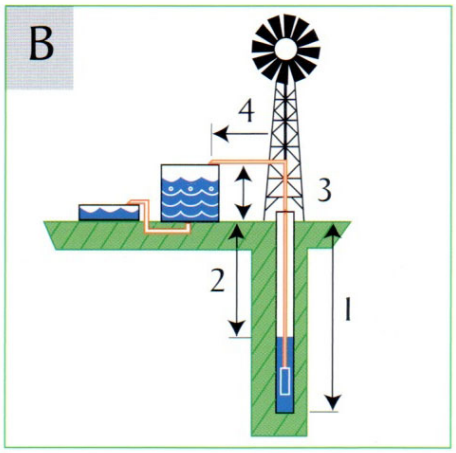
- 7 Meter (23 feet rotor diameter) High Performance Windmill
- Optimum Gear ratio and pumping cylinder for new wells

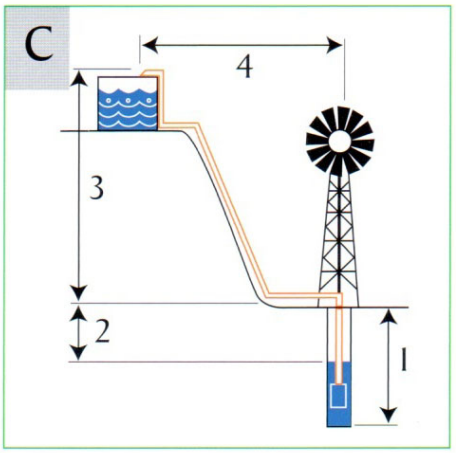
OR

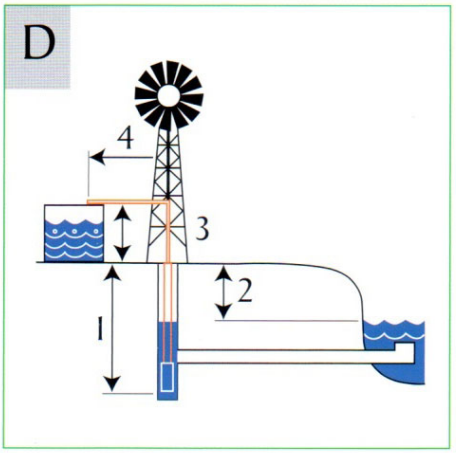
- Customized if well casing is fixed

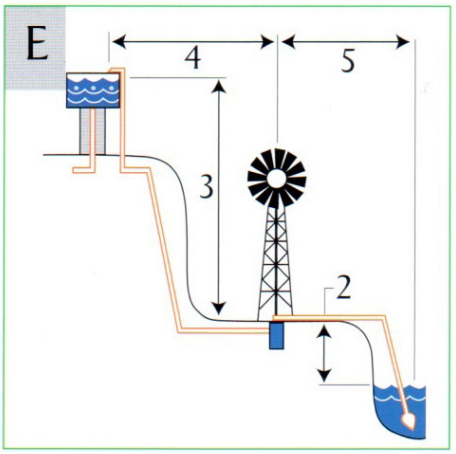
E WATER PUMPING Windmills











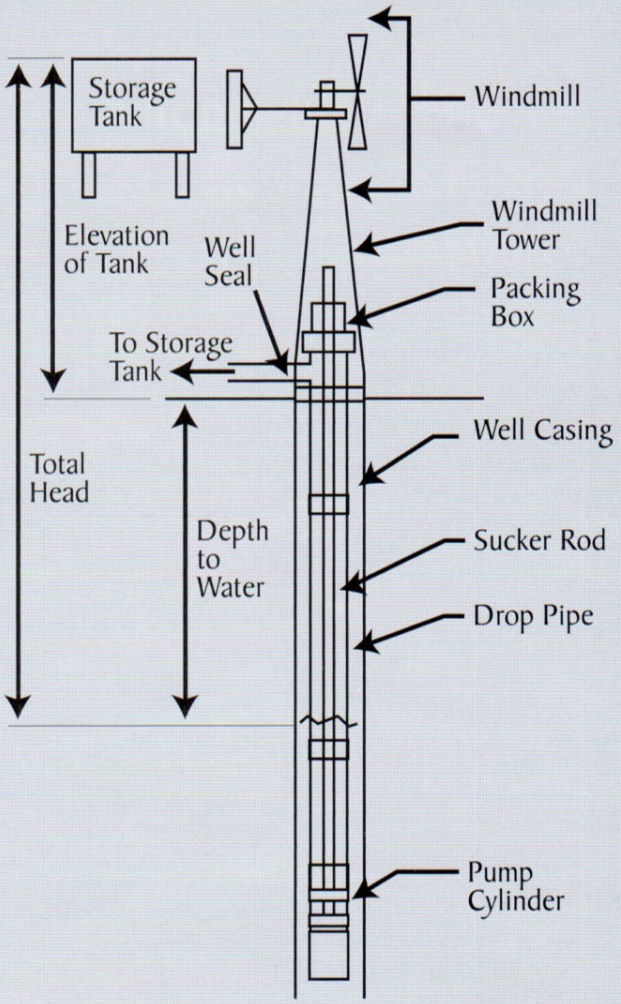
	SYSTEM TYPE
1	Well Depth
2	Depth to Water
3	Elevation of Tank
	Total Head = #2 + #3
4	Horizontal Run to Tank
5	Horizontal Run to Intake

PUMPING CAPABILITY CHART — Gallons per Minute (GPM)

7M (22.96 Feet)

Total Head (Feet) \ Windspeed (MPH)	5	10	15	20	25
5	140	1119	3775	8948	17477
10	70	559	1888	4474	8738
15	47	373	1258	2983	5826
20	35	280	944	2237	4369
50	14	112	378	895	1748
100	7	56	189	447	874
500	1.4	11	38	89	175
1000	1.1	6	19	45	87
2000	.35	3	9	22	44
3000	.23	2	6	15	29
4000	.17	1.4	5	11	22

TYPICAL WINDMILL INSTALLATION



State of the Art Technology
- Based on $5 million of R&D in the USA
- Performance verified in USA, Canada and Mexico

Designed for Host Country Manufacture via
- Technology Transfer Agreements
- International Aid Agencies
- NPO/NGO and Private Sector Organizations

Unmatched Performance
- Low windspeed start-up and operation (4 MPH)
- High volume pumping at low head
- Deep well (to 4000 feet) pumping capability

Minimal Maintenance
- Heavy duty gearbox for infinite life
- Galvanized for all weather protection

Proven Technology
- Ultilizes time-proven crank-counterbalanced oil field technology
- Standard steel components & construction
- Easy bolt-together assembly

Complete Line of Windmill Accessories
- Standard and widespread towers
  - Bolt-together angle iron
  - Welded pipe construction
- Full line of:
  - standard pump cylinders
  - custom cylinders for special applications
  - sucker rods
  - well seals, packing boxes, etc.
  - well casing and drop pipe

Other Applications Available
- Water purification
- Water desalination
- Water aeration
- Direct mechanical power
- Low-voltage DC electrical generation

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