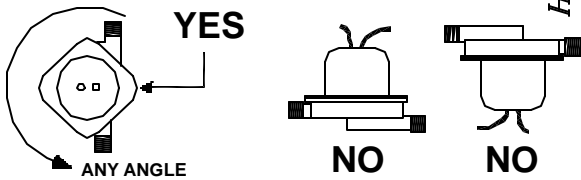
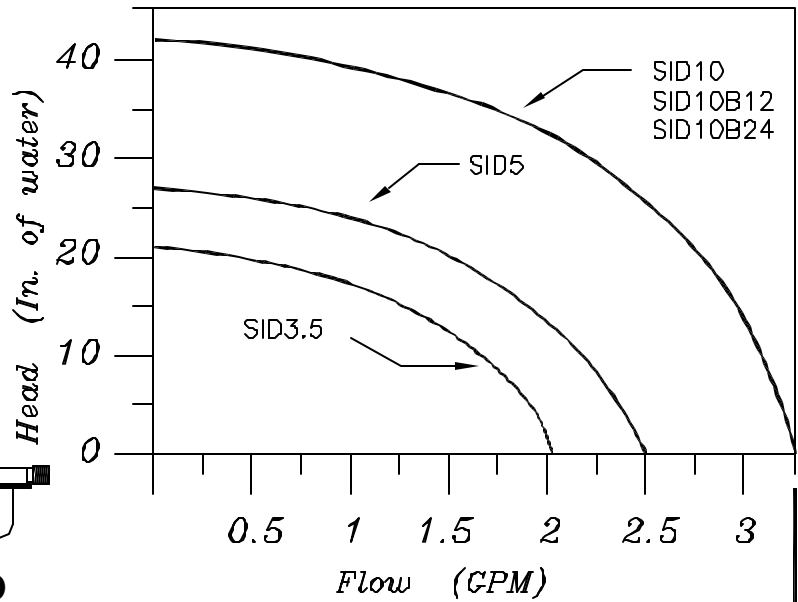


- POWER SOURCE AC/DC (1)
- HIGH EFFICIENCY—typical start 1 Watt
- MAGNETIC COUPLED DRIVE
- LOCKED IMPELLER PROTECTED (PV)
- NO SHAFT — NO FAN
- BRUSHLESS
- NO MAINTENANCE
- NO NOISE
- VERY LIGHT WEIGHT — 2 lbs
- VERY SMALL—2.75" sq.— 3" thick
- LOW VOLTAGE (class II) DRIVER
- HIGH TEMPERATURE—250F fluid, max.
- HIGH PRESSURE — 175 psi, max.
- VERTICAL or HORIZONTAL PIPING



Always measure voltage (red-blk) with PV connected

FOUR TELLTALE L.E.D.s

No Lites	All SIDs should start with less than 8 volts and about one Watt.	Two Lites	Blinking	Four Lites
NO POWER	TRYING TO START	DITHER B4 START	SPINNING	

MODEL	TYPE	WATTS	MAX. HEAD FEET	(5) MAX. FLOW G.P.M.	(3) VOLTS	PV(2) PANEL	APPLICATION
2W2RD341500	SID3.5PV	3.5	1.8	2.0	17	SA-5	1ea 4X10 (4)
2W2RD331200	SID5PV	5	2.2	2.5	17	SX5/M5	2ea 4X10 or 1 W/Glycol
2W2RD31730	SID10PV	10	3.5	3.3	17	SX10/M10	3ea 4X10 or 2 W/Glycol
2W2RD30600	SID10B12	10	3.5	3.3	14	12V BATT.	Radiant Floor, 1A Fuse
2W2RE31800	SID10B24	10	3.5	3.3	20-35	24V BATT.	Radiant Floor, 0.5A Fuse

NOTES:

1. Use a common AC-DC wall adapter for AC operation.
2. Example photovoltaic panels; the SA & SX series are by SOLAREX, the M series is by SIEMENS.
3. For photovoltaic driven SIDs, 20 volts maximum. For B12 SID's, 16 volts max. For B24 SID's, 35 volts max. Use Fast Blo Fuses with Battery Pumps; 3AG-312.xxx
4. Typical DHW system @ "1-sun" = 1g.p.m.; SID3.5 & water. Use 20 watt pv with SID10 & glycol, above 35° latitude, typical.
5. Use easy opening check valve; e.g., Heliodyne no. SCV-.5. on the return side... NIBCO T-480-Y (with spring removed) on the feed side... or use "bottom return" without valve (warm climates).

MANUFACTURED BY:
IVAN LABS, INC.
 305 CIRCLE WEST
 JUPITER, FLORIDA
 33458 USA

DISTRIBUTED
 BY: