

VERTICAL DEEP WELL JET PUMP CHARTS

6 - 15 - 09

DEAN BENNETT SUPPLY CO
Toll Free : 800-621-4291
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2" Deep Well Packer for 1-1/4" Discharge Pipe for VS 210 P & VS 215 P Jet Pump

2" x 1-1/4" Brass Body Packer with 2" Leather Cups \$ 155.00

2" x 1-1/4" Straight Adapter for top of 2" well pipe for 1-1/4" drop pipe \$ 69.00

Use the 2" x 1-1/4" Straight Adapter to mount your VS vertical jet pump to the top of 2" galvanized pipe and to support the 1-1/4" galvanized steel drop pipe. Because the leathers will resist pulling back up, it is recommended that you not use PVC pipe for drop pipe.

This 2" packer is used in a 2" well to pump from depths deeper than a shallow well ejector can pump from. When using a 2" packer with a VS vertical jet pump, use 1-1/4" drop pipe to allow as much flow as possible so as to not starve the jet pump.

1 HP DEEP WELL PACKER CAPACITIES (Gallons per minute)

2" Packer for 1 hp VS 210 P 2-Stage Vertical Jet Pump Capacity in GPM at 50 PSI

| SP20BL 14N-28V | | #13 Nozzle & #28 Venturi | | | | |
|-------------------|------|--------------------------|------|-----|-----|------|
| Distance to Water | 30' | 40' | 50' | 60' | | |
| | 15.2 | 12.7 | 10.1 | 8.5 | | |
| SP20BL 15N-26V | | #15 Nozzle & #26 Venturi | | | | |
| Distance to Water | 50' | 60' | 70' | 80' | 90' | 100' |
| | 11.1 | 9.5 | 8.2 | 6.8 | 5.4 | 4.4 |
| SP20BL 14N-20V | | #14 Nozzle & #20 Venturi | | | | |
| Distance to Water | 100' | 120' | 140' | | | |
| | 4.3 | 4.0 | 3.7 | | | |

1-1/2 HP DEEP WELL PACKER CAPACITIES (Gallons per minute)

2" Packer for 1-1/2 hp VS 215 P 2-Stage Vertical Jet Pump Capacity in GPM at 60 PSI

| SP20BL 12N-28V | | #12 Nozzle & #28 Venturi | | | | |
|-------------------|------|--------------------------|------|------|------|------|
| Distance to Water | 30' | 40' | 50' | 60' | | |
| | 16.4 | 14.4 | 12.4 | 10.3 | | |
| SP20BL 15N-26V | | #15 Nozzle & #26 Venturi | | | | |
| Distance to Water | 50' | 60' | 70' | 80' | 90' | 100' |
| | 13.0 | 11.6 | 10.2 | 8.8 | 7.4 | 6.5 |
| SP20BL 14N-20V | | #14 Nozzle & #20 Venturi | | | | |
| Distance to Water | 100' | 120' | 140' | 160' | 180' | 200' |
| | 6.3 | 5.8 | 4.9 | 4.0 | 3.0 | 2.0 |
| SP20BL 14N-18V | | #14 Nozzle & @18 Venturi | | | | |
| Distance to Water | 180' | 200' | 220' | | | |
| | 3.2 | 2.8 | 2.0 | | | |