

RECEIVED

SEP 20 2017

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
STATEMENT OF COMPLETION
FOR SUBMITTING PROOF OF BENEFICIAL USE

FOR OFFICE USE ONLY	
Amt. of Fee \$	<u>100.00</u>
Receipt No.	<u>N032948</u>
Received By	<u>JA</u>
Date Received	<u>9/20/17</u>

IDWR / NORTH

The Idaho Department of Water Resources considers this form a statement by the permit holder(s) that development of a water right has been **completed** and that water has been applied to beneficial use to the extent described below. **This form must be accompanied by an examination fee, when necessary, or by a completed Beneficial Use Field Report prepared by a certified water right examiner.** Please refer to the instructions and fee schedule for this form. If ownership of the permit has changed, contact any Department office or visit the Department's website at idwr.idaho.gov for an *Assignment of Permit* form. If you wish to relinquish your permit because you have not established the authorized use of the water and are not applying for an extension, please notify the Department in writing.

1. Permit No. 96-9645 Telephone No. (208) 255-3046
2. Name of Permit Holder(s) Resort Water Co. Inc.
3. Mailing Address 165 Village Lane, Suite A City Sandpoint
State ID Zip 83864 Email ttrulock@schweitzer.com
4. Source of Water Groundwater If **GROUND WATER** (well), Date Drilled mo. 11 / yr. 2008
Well Driller Intermountain Drilling Drilling Permit Number 854020

5. Extent of use(s) completed **as authorized by the water right permit:**

Domestic (No. of households) _____ Stockwater (No. and type of stock) _____
Irrigation (No. of acres) _____ Other Commercial and Fire Protection

6. Total rate of diversion or storage volume for which proof is submitted 0.6 cfs OR 15.3 acre-feet.
7. Compliance with a measuring device requirement, lockable controlling device requirement, and/or other conditions of permit:
Refer to the approval conditions on your permit and respond accordingly.
The Department will not issue a license if permit conditions are not met.

Measuring Device	Is a measuring device required?	Yes ☐	No ☒
	If yes, has the measuring device been installed?	Yes ☐	No ☒
Lockable Controlling Device	Is a lockable device required to control the diversion?	Yes ☐	No ☒
	If yes, has the lockable device been installed?	Yes ☐	No ☒
Fish Screen	Is a fish screen required?	Yes ☐	No ☒
	If yes, has the fish screen been installed?	Yes ☐	No ☒

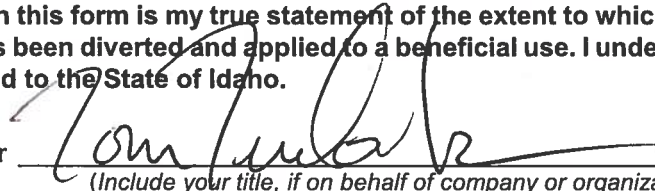
Other Conditions of Permit

Do the approval conditions on your permit require you to submit additional information in connection with your proof of beneficial use? If yes, list the conditions below and attach documents with the required information.

Monthly diversion volumes or pump curve with total pumping hours _____ Completed? Yes ☒ No ☐

8. Fee Enclosed \$ 100.00 or not applicable ☐. See fee schedule on page 2 of the instructions.
Proof statements filed without an appropriate fee, will be considered incomplete.
9. Person to contact to accompany the Department representative during field examination of the water system.
Name Tom Trulock Telephone Number (208) 255-3046 or (208) 290-2614 (cell)
Mailing Address 165 Village Lane, Suite A City Sandpoint
State ID Zip 83864 Email ttrulock@schweitzer.com

The information given on this form is my true statement of the extent to which the above numbered permit has been developed and water has been diverted and applied to a beneficial use. I understand that any undeveloped portion of the permit is relinquished to the State of Idaho.

Signature of Permit Holder  Date 8/15/17
(Include your title, if on behalf of company or organization)

Mail to: Idaho Department of Water Resources, PO Box 83720, Boise, ID 83720-0098

TECHNICAL BROCHURE

BMPVN



MPVN

HIGH PRESSURE MULTI-STAGE PUMPS

A FULL RANGE OF PRODUCT FEATURES



The MPVN is manufactured for Goulds Water Technology by Austria GmbH, formally called Vogel Pumpen, at their plant near Vienna, Austria.

Performance Range:

Capacities	up to 1500 GPM (340 m ³ /h)
Head	up to 1640 feet (500 m)
Maximum speed	up to 3600 RPM

Sizes:

From 1½" to 5" discharge.

Maximum Temperature:

280° F (140° C)

Maximum Casing Pressure:

800 psig (55 bar)

Handled Liquids:

Pure as well as slightly contaminated media such as:
Cold and Hot Water
Condensate
Oil Suspensions
Acids as well as their watery solutions

Applications:

Water Supply
Booster Systems
Irrigation
Fire Fighting
Snow Making
Cooling Circuits
Boiler Feed
Condensate
District Heating
Reverse Osmosis and Ultra Filtration
Spray Water Systems
Cleaning Systems

Modular System:

VOGEL Vertical Multistage pumps utilize a modular design concept which maximizes component interchangeability. As such, multiple design configurations can be engineered to meet customer requirements without compromise to repair part inventories. The entire performance range is covered by 4 mechanical sizes that hold 8 different hydraulics.

Hydraulics:

Closed radial type impellers designed for casing wear rings on both sides. Axial thrust is minimized by balance holes for minimum bearing loads and maximum bearing lifetime. Diffusers separated from stage casings, easily exchangeable. Balanced radial forces, minimum shaft deflection, minimum vibrations.

**HEAVY DUTY DESIGN FOR LONG-TERM
OPERATION IN INDUSTRIAL APPLICATIONS.**

MPVN LIQUID END NUMBERING SYSTEM

MPV 2 03 B 3 A D 1 A

Flange Orientation:

A = Left Suction, Left Discharge (code OO)
 B = Left Suction, Rear Discharge (code OR)
 C = Left Suction, Front Discharge (code OL)
 D = Left Suction, Right Discharge (code OG)

Seal Materials: For Optional Mechanical Seal modify catalog order no. with Seal Code listed below.

Seal Code	Rotary	Stationary	Elastomers
1	Carbide	Sil-Carbide	EPR
2			Viton

Motor Frames:

D = 254TD/256TD	J = 364TSD/365TSD	O = 444TD/445TD
E = 284TSD/286TSD	K = 364TD/365TD	P = 447TSD/449TSD
F = 284TD/286TD	L = 404TSD/405TSD	R = 447TD/449TD
G = 324TSD/326TSD	M = 404TD/405TD	S = 5009SD
H = 324TD/326TD	N = 444TSD/445TSD	

Pump Material:

A = All Iron
 B = Bronze Fitted
 C = Stainless Fitted
 D = All Stainless

Seal Type:

2 = SA - Unbalanced
 3 = SB - Balanced

ANSI Discharge Flange Class:

A = 150
 B = 300
 C = 600

Number of Stages**Pump Size:**

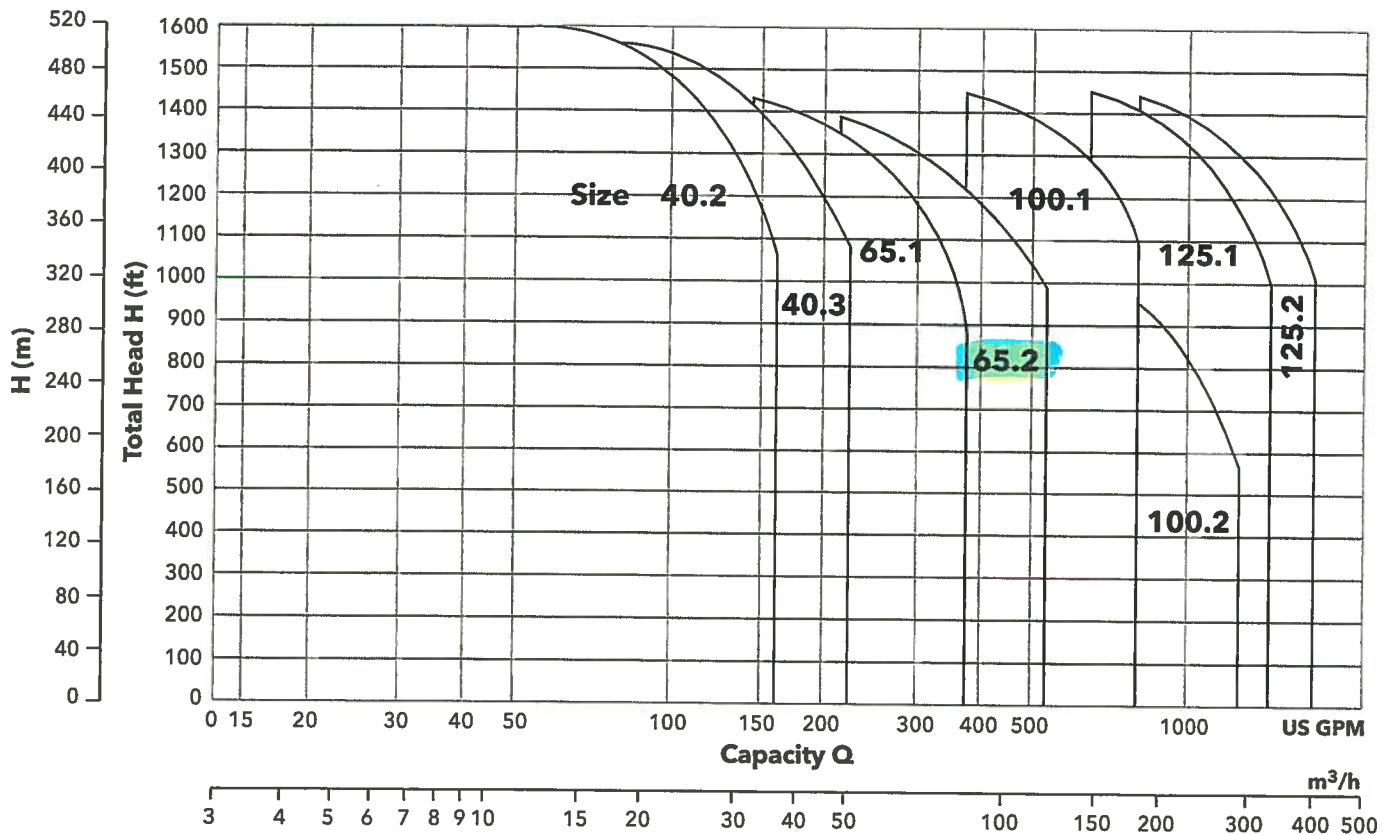
1 = 40.1	4 = 65.1	7 = 100.2
2 = 40.2	5 = 65.2	8 = 125.1
3 = 40.3	6 = 100.1	9 = 125.2

Pump Model

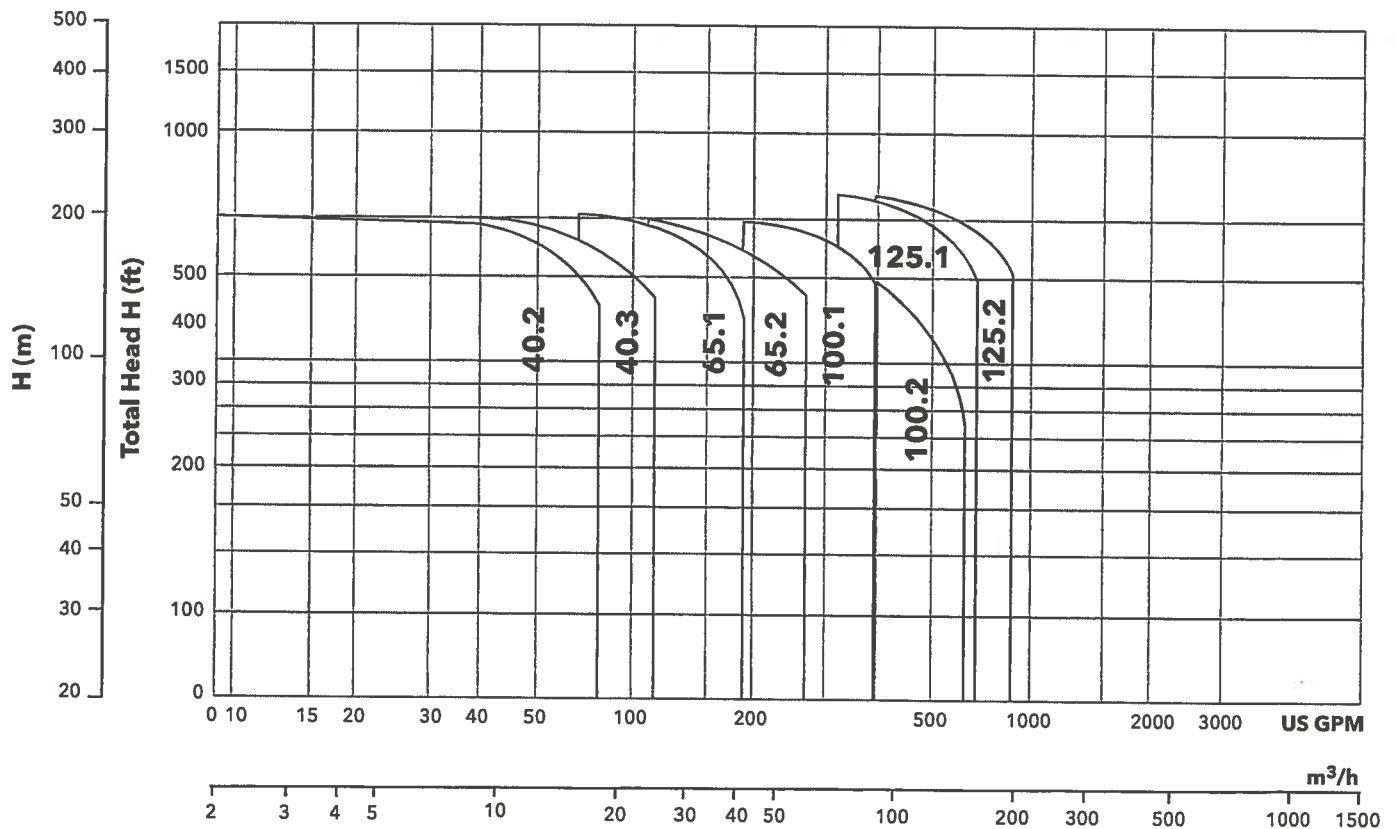
Complete Pump Consists of: Liquid End, Coupling and Motor.

MPVN PERFORMANCE RANGE - 60 HZ

3550 RPM

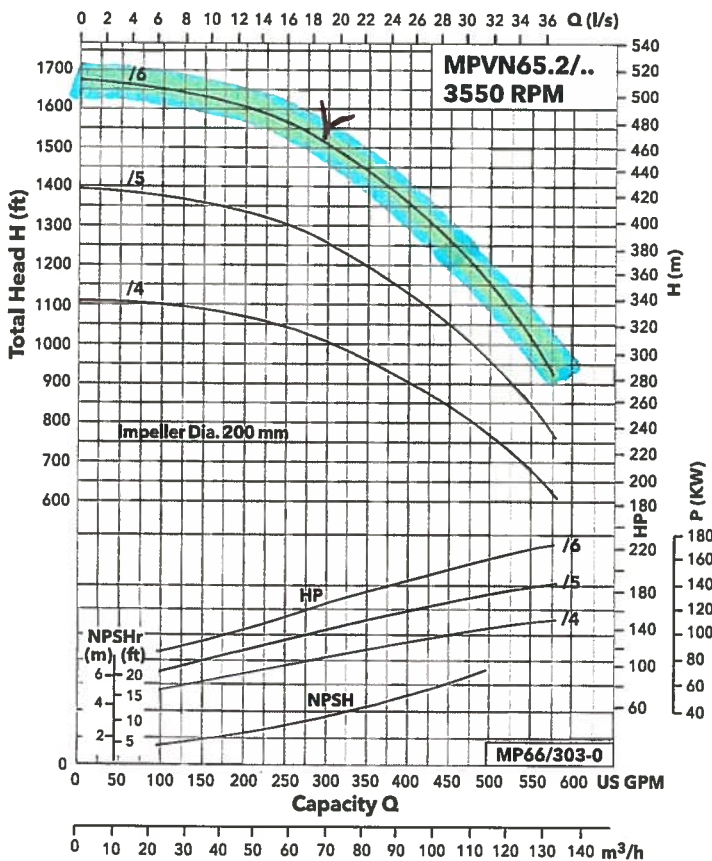
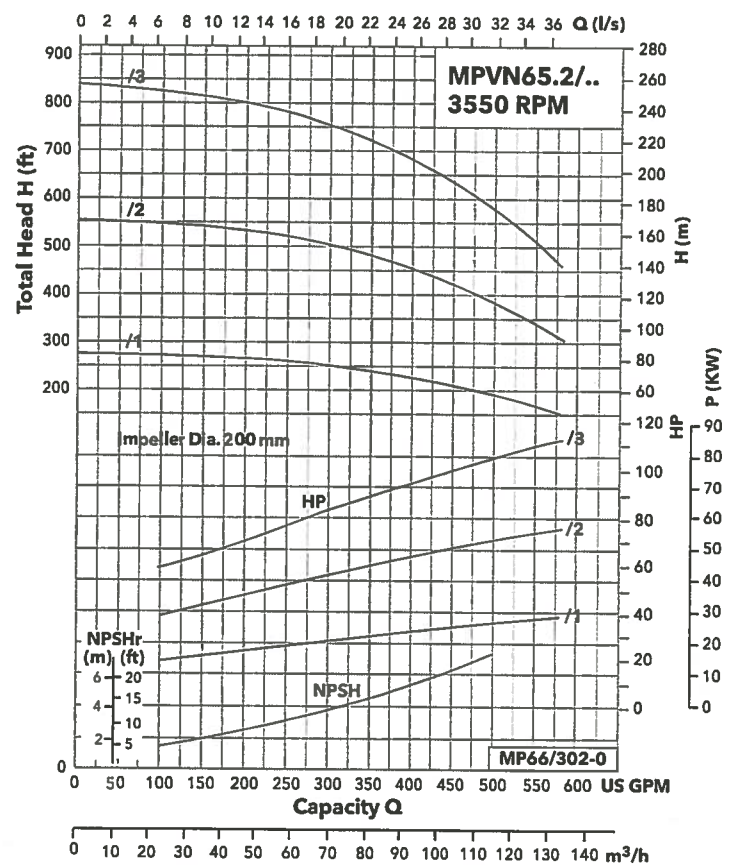
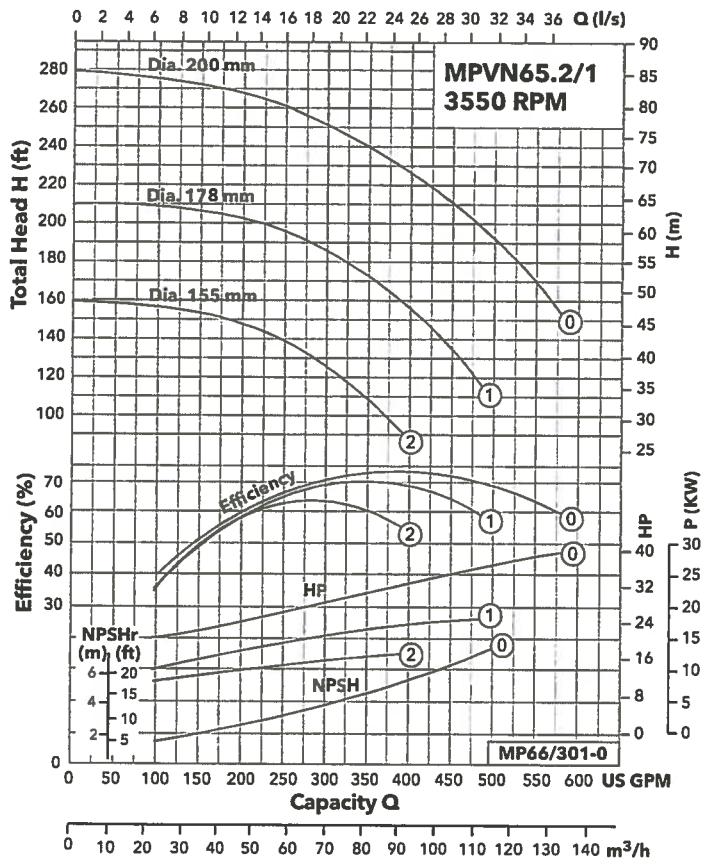


1750 RPM



SELECTION CHARTS MPVN 65.2 n = 3550 RPM

Single Stage





VOGEL PUMPEN

Xylem Service Austria GmbH
Reg.No. FN 396821 k
Ernst Vogel-Strasse 2, A-2000 Stockerau



MADE IN A

Type	MPVNG5 2/6B-SB111M-44TS	
S/N	70289201	
Item No	7045/0890XXKM5A	
n	3550	min ⁻¹
p max		barq at t max
off p	% Year	2014
Ø F	mm Ø _T	mm MEI ₂
REGULATION (EU) No 547/2012		

38 31





State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

September 25, 2017

RESORT WATER CO INC
165 VILLAGE LN STE A
SANDPOINT ID 83864

PROOF ACKNOWLEDGEMENT LETTER

RE: Permit No. 96-9645

Dear Permit Holder(s):

The Department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the Department to conduct a field examination to determine and confirm the use being made of the water.

Please be advised that Section 42-248, Idaho Code, requires you or the owner of this water right to maintain current ownership and address records on file with the Department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any Department office or at the Department's website at www.idwr.idaho.gov.

If you have any questions concerning the field examination, please contact the Northern Region Office of the Department located in Coeur d'Alene at (208) 762-2800.

Sincerely,

Darla Block
Technical Records Specialist

Enclosure(s)

RECEIVED
SEP 20 2017
IDWR / NORTH

RECEIVED
SEP 25 2017
DEPT OF WATER RESOURCES



September 18, 2017

Mr. Adam Frederick
Water Resource Agent
Idaho Department of Water Resources
7600 Mineral Drive, Suite 100
Coeur d'Alene, ID 83815-7763

RE: Resort Water Company, Inc.

Subject: Statement of Completion – Permit Number 96-9645

Dear Adam:

Please find enclosed a Statement of Completion for Resort Water Company Permit Number 96-9645. A pump curve for the booster pump that feeds from the well is attached, showing a design point of about 280 gpm. This pump matches the pace of the well pump. Following is also a three (3) year summary of annual water volume pumped from the well to supply the snowmaking system. These volumes are estimated based on run times and average output from the snowmaking guns.

- 2014: 2,019,600 gallons (6.2 acre-feet)
- 2015: 2,989,800 gallons (9.2 acre-feet)
- 2016: 5,121,600 gallons (15.7 acre-feet)

We will be in contact with you soon to schedule a field examination.

If you have any questions, please contact me at (208) 762-3644.

Sincerely,

T-O ENGINEERS, INC.



Scott McNee, P.E.
Project Manager

Cc: Tom Trulock, Resort Water Company

Enclosures