

MEMO

TO: Water Right 37-22576

FROM: Cherie Palmer

DATE: November 2, 2016

RE: Field examination needed and system notes

In 2012, I visited the site to do a field examination. I was unable to measure the system or acquire all the necessary items to complete a field examination report.

I recommend that a field examination be done to compile all the required information.

Attached to the memo is an email conversation regarding required information in addition to some photos from the field visit. I also enclosed some well driller's reports.

Here are some notes regarding the system that I collected at the field visit:

- Place of use is made up of a home and guest house = ~10,000 sq.ft.
- There's 3 air handlers (forced air system)
- 2" pipes coming in to the well and 2" to the injection well
- Model: AP035-1HZN, Serial: 3540-103-TW001-T111M40089

CentriPro
Model VFDA030213F3RG

Enclosure Type 3R

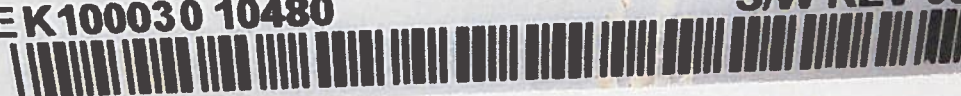
In: 208...240VAC 50/60Hz 29.7A

Out: 0...InputV 3Ph 0-80Hz 10.9A 3HP

S/N EK100030 10480



S/W REV 05H



FHP MANUFACTURING

FORT LAUDERDALE, FLORIDA

MODEL AP035 - 1HZN

SERIAL NO 3540 - 103 - TW0001 - T111M40025



UNIT VOLTS: 208-230 V PHASE: 3 421 60 HZ VOLTS: 197
COMPRESSOR (EAX): 208-230 V 18.7 FLA 82.0 LRA
BLOWER MTR (EAX): 208-230 V 2.50 FLA .50 HP

MINIMUM CIRCUIT AMPS: 25.2
MAX FUSE OR MCB BREAKER: 40
REFRIGERANT: R410A 2 OF CIRCUITS: 1
FACTORY CHARGED G2 PER CIRCUIT: 78
DESIGN PRESSURE (PSIG): 450 H2 175 LB



LISTED HEAT PUMP

MADE IN THE USA

Palmer, Cherie

From: Mike Gilman [Mike@leegilman.com]
Sent: Wednesday, October 24, 2012 11:37 AM
To: Erickson, Nathan; Palmer, Cherie
Subject: FW: Luckman Water right
Attachments: WRProof Report1.RTF; ATT00001.htm

Cherie.. It was a pleasure meeting with you the other day.. I spoke with Nathan (who I dealt with when applying for the water right) after you left that day because I wanted to make sure of the amount of water that we applied for and subsequently received.. I believe we are entitled to 70 +/- gpm??

Also Nathan made it seem as though it would be pretty straight forward in the attached e-mail to change the use to cooling.. Anything that we can do to simplify this process would be greatly appreciated..

I am working on getting you the rest of the information that you asked for.. The plans are in the hands of my subcontractor to get you as built drawings of the system.

Let me know if this all makes sense.

Thank Mike

P.S. I wanted to CC Nathan on this because I want to make sure we are all looking at this the same way..

Mike Gilman

Lee Gilman Builders, Inc.

From: Mike Gilman
Sent: Wednesday, October 24, 2012 11:23 AM
To: Mike Gilman
Subject: Fwd: Luckman Water right

Mike Gilman
Lee Gilman Builders

Begin forwarded message:

From: "Erickson, Nathan" <Nathan.Erickson@idwr.idaho.gov>
Date: October 17, 2012 4:02:07 PM MDT
To: <mike@leegilman.com>
Subject: Luckman Water right

Mike,

Here is a copy of the water right for the Luckman heating system. The conversion from cfs to gpm is 1 cfs = 448.83 gpm. Also as I was looking at the Luckman right I noticed that it was only permitted for heating, it seems that most of the pump and dump systems we are approving lately are also listing cooling as a use. The Luckman right is fine the way it is, when it is licensed

we will add cooling as a use. But for anything coming in now if it is used for heating and cooling it should list both.

Thanks,

Nathan

<<WRProof Report1.RTF>>

* Signature of Principal Driller and rig operator are required.

