



**Leading edge chillers & heat recovery systems
offering reliability, low cost intelligent cooling
and a FREE 24hr HOT WATER SUPPLY**

**2-5
Year ROI**
•
**Approved for
25% USDA
Grant
Funding**



***The WHRL system is an industrial grade, precision cooling
system specifically designed for the most efficient and
effective cooling performance seen in the dairy market today.***

www.whrlsolutions.com



Free hot water



Zero carbon heat



No need for water heaters

CHR SERIES



Central Chillers with Heat Recovery

- Available from 20 to 160 Tons
- Industrial grade, quality components
- High durability & low maintenance
- Indoor or Outdoor Duty
- Air or Water Cooled
- Dual or Single Circuit
- Intelligent PLC Controls
- EC Fan Motors and Controls
- Electronic Expansion Valves
- Electronic Hot Gas Bypass
- Unique Compressor Staging Controls
- Integrated or Separate Glycol Skids
- Cleanable, Double Walled Desuperheaters
- Hot Water Tanks built to fit any space
- Water treatment system
- 5 Year Compressor Warranty

C SERIES



Central Chillers

- Available from 20 to 160 Tons
- Industrial grade, quality components
- High durability & low maintenance
- Indoor or Outdoor Duty
- Air or Water Cooled
- Dual or Single Circuit
- Intelligent PLC Controls
- EC Fan Motors and Controls
- Electronic Expansion Valves
- Electronic Hot Gas Bypass
- Unique Compressor Staging Controls
- Integrated or Separate Glycol Skids
- 5 Year Compressor Warranty

PC SERIES



Package Chillers

- Available from 4 to 40 Tons
- Variable Speed Scroll Compressors available
- Industrial grade, quality components
- High durability & low maintenance
- Indoor or Outdoor Duty
- Air or Water Cooled
- Built in Glycol Reservoir and Pump
- Compact, easy to maneuver
- Wired and piped for simple field connection
- 5 Year Compressor Warranty



24-hour control, monitoring and support available via remote access on your phone, laptop or tablet



Low maintenance



Quick payback



Eliminate energy costs



Reduced environmental impact

HR SERIES



Retrofit Heat Recovery Systems

- Highly Efficient Patented Technology
- Available to match all sizes of existing chillers
- Double Walled Desuperheaters
- Mechanically and chemically cleanable
- Hot Water Tanks built to fit any space
- Industrial grade, quality components
- High durability & low maintenance
- Easy to install
- Indoor or Outdoor Duty
- Water treatment system
- Back Up Heaters
- High Redundancy Provision
- Eliminate propane costs
- Reduce electrical load on chiller
- Increase chiller efficiency and effectiveness
- More than double hot water storage

CT SERIES



Fiberglass Cooling Towers

- Available from 38 to 120 Tons
- Industrial grade, quality components
- TEAO direct drive fan motor
- Fiberglass casing, basin and inlet louvers
- Stainless steel fasteners
- Stainless steel sprinkler head
- Basin Heater
- Stainless steel self cleaning filters
- Water treatment system
- 10 Year casing and basin warranty
- Ideal for 1st stage pre-cooling of milk
- Saves significant volumes of water

VP SERIES



Vacuum Pump Economizers

- Highly Innovative Technology
- Available to match all sizes of vacuum pumps
- Double Walled Water Piping
- Chemically cleanable
- Industrial grade, quality components
- High durability & low maintenance
- Easy to install
- Water treatment system
- Delivers potable hot water to hot water system
- Harvesting the heat from vacuum pumps

ROI
2.2
Years

Example: 4,000 Cow Dairy Farm

After installing the WHRLflo system the dairy more than doubled it's hot water storage to 3,000 Gallons and uses no propane or water heaters to heat the water.

The energy saving from propane and electricity is \$29,000 per year and they also received a \$22,000 USDA Energy Efficiency Grant, delivering a very welcome ROI of 2.2 years.



WHRLcool® WHRLflo®



“The idea of how to do something better on heat recovery had been in my head for some time and 5 years ago I built our first system. I quickly got the results I was looking for and since then I have developed the equipment for the wider market and built a great team around the product. I could not be prouder of our range of WHRL systems. Once we had the retrofit kits refined it was obviously the next step to build a chiller with the WHRLflo system ‘factory integrated’. As a service guy it also gave me the chance to address all the problems that I was seeing on dairy chillers time and time again. The service record of our chillers to date is proving that we have built a very reliable range of products.”

Colin Thomson, Founder and Inventor of WHRLflo and Managing Director of Thomson Services, Dublin, Texas.

Our Vison at WHRL is to provide a product range that excels in its reliability and improves our customer’s day to day economic efficiency on energy usage... **but don’t just take our word for it:**

“The energy efficiency and sheer volume of hot water from this system is awesome. I wouldn’t hesitate to recommend the WHRL Team to other dairymen as they deliver on their promises.”

Bill Millenkamp, Idaho Jersey Girls, Idaho



“We have invested in the WHRL Systems on four of our Dairies in New Mexico, completely re-modeling our cooling and hot water systems. It makes absolute sense to me to cool milk in this way and the energy savings are awesome. The WHRL Team are innovators and that’s what the dairy industry needs right now.”

Joel Vandam, Route 77 Dairy, New Mexico



“We have invested in WHRL Systems on two of our dairies here in California, one is a retrofit onto our existing chiller and the other is a complete re-model of the chiller and hot water system. The cooling efficiency and effectiveness is great. The systems have almost completely eliminated our propane bill for hot water while cooling our milk more efficiently.”

Mike Goyenette, Goyenette Dairies, California



“We have used heat recovery systems at Wildcat before, but the capacity and efficiency of the WHRL System has blown us away. I don’t have any doubt, that before long all cooling will be done this way”

David Volleman, Wildcat Dairy, Texas



Awards won

- 2015 Texas Strong - Winner**
- 2016 Espark - Entrepreneur of the year**
- 2017 State of Texas Business Excellence Award**

Authorized dealer