

HatchVAC

WE ARE... WHERE YOU ARE
HVAC SERVICE

No one knows hatchery HVAC like

JAMESWAY 



Complete, supremely versatile HVAC systems for the most efficient and effective hatcheries. Why do you need it?

No two hatcheries are alike. Each operation requires its own unique ventilation and equipment...but all eggs and chicks need the right temperature, ventilation and humidity to thrive.

- When a hatchery manager has complete control over the environmental control system he/she can be sure of the most productive hatch every time.
- Using the correct data about temperature and humidity assures consistent quality hatch and best value for the investment.

Good quality chicks = greater numbers of saleable chicks and less culls

- The chilled water pipework systems need to be properly sized for current and planned expansions. This is critical to incubator performance.
- Humidification/dehumidification must be consistent for hatch performance over changing climatic conditions.

And as for Geographic Location...

- Location has a significant impact on equipment selection and sizing
- A 10 degree Farenheit change in temperature can change the overall costs by 15%
- A 10% increase in relative humidity can change the overall costs by 20%
- A well designed ventilation / cooling system can make a difference of 2% Hatch and more (depending on seasonal variations)

**Ultimately, the Role of the HVAC is to provide
the best operating conditions for the
incubators**

Ventilation = fuel for the machines

Designing your Worry Free HVAC system



What to **consider** when planning your current and future ventilation needs

Embryos and day-old birds need the right environment.

- Have you planned correctly, since undersizing or oversizing can inhibit efficiency and affect hatch results?
- What are your heating options: natural gas, propane, electric or hot water?
- What are your ventilation options: single-unit ventilation, multiple unit ventilation, heat recovery, water chillers?
- What are your installation options: roof top units, indoor, attic?
- Have you considered biosecurity, back up systems, alarms, spare parts and supply availability?
- Are your costs realistic and inline with future plans?
- Does your designer understand the particular, highly specialized, environment of the hatchery?



WHAT WE DO

With the Jamesway approach you get:

- A complete, worry-free system customized to your exact climate so you can maintain perfect temperature and humidity for the egg room, incubator, hatchery, chick room, etc.
- The latest technologies to ensure the best performance and the most comfortable working environment for your staff
- A single, integrated and automated system for environmental control of incubators, hatchers and ventilation for all your rooms
- Our system is composed of a computer, which runs the software and sensor packs to provide any combination of temperature, humidity and/or pressure monitoring, and a controller, which reads sensors and provides control signals





- Easy pain-free installation – no need to buy additional boilers, chillers and pumps. Single supplier responsibility avoids integration problems
- Maximum performance over the life of your hatchery –Platinum quality birds have greater livability which means increased profits now and in the future
- Expert advice: hatchery ventilation and incubator cooling systems are not always well designed or understood. Often they are not even designed by hatchery experts
- Solid partnerships with the world famous brands that are available in your neighbourhood



Jamesway Expert Planning and Installation Services

- Our hatchery experts will prepare the best, most efficient, HatchVAC layout for your operation. We will consider your budget, the available power supply, the geographic location, the type of egg...you name it. No one knows hatchery HVAC like Jamesway!
- We design the solution, supply the equipment and commission the control systems.
- All installation is done by local contractors, saving you money. Our technicians are all partner trained and know how to install HatchVAC so that your operation enjoys all the benefits.
- Check-up visits available to assess the current operation and the suitability of existing environmental control solutions.

Plan Design Install Support



John's Buenos Aires Yerevan Canberra Vienna Baku Nassau
Manama Dhaka Bridgetown Minsk Brussels Belmopan Porto
Novo Thimphu La Paz Sarajevo Gaborone Brasilia Bandar Seri
Begawan Sofia Ouagadougou Bujumbura Phnom Penh Yaounde
Ottawa Praia Bangui N'Djamena Santiago Beijing Bogota Moroni
Kinshasa Brazzaville San Jose Yamoussoukro Zagreb Havana
Nicosia Prague Copenhagen Djibouti Roseau Santo Domingo
Dili Quito Cairo San Salvador London Malabo Asmara Tallinn
Addis Ababa Palikir Suva Helsinki Paris Cayenne Libreville
Banjul Tbilisi Berlin Accra Athens Saint George's Guatemala
City Conakry Bissau Georgetown Port-au-Prince Cayagala
Budapest Reykjavik New Delhi Wellington Dublin
Tel Aviv Rome King of the Swabians Ngerulmud Tarawa
Atoll Pristina Kuwait City Ganga Beirut Maseru
Monrovia Tripoli Vaduz Luxembourg Skopje Antananarivo
Lilongwe Kuala Lumpur Male Bamako Valletta Majuro Nouakchott
Port Louis Mexico City Chisinau Monaco Ulaanbaatar Podgorica
Rabat Maputo Rangoon Windhoek Kathmandu Amsterdam
Wellington Managua Niamey Abuja Pyongyang Belfast Oslo
Muscat Islamabad Melekeok Panama City Port Moresby
Asuncion Lima Manila Warsaw Lisbon Doha Bucharest Moscow
Kigali Basseterre Castries Kingstown Apia San Marino Sao Tome
Riyadh Edinburgh Dakar Belgrade Victoria Freetown Singapore
Bratislava Ljubljana Honiara Mogadishu Pretoria Seoul Juba
Madrid Colombo Khartoum Paramaribo Mbabana Stockholm Bern
Damascus Taipei Dushanbe Dodoma Bangkok Lome Nuku'alofa
Port of Spain Tunis Ankara Ashgabat Vaiaku village Kampala
Kiev Abu Dhabi London Washington D.C. Montevideo Tashkent
Port Vila Vatican City Caracas Hanoi Cardiff Sanaa Lusaka Harare

**WE ARE... WHERE YOU ARE
HVAC SERVICE**

OUR PARTNERS:

GLOBAL BRANDS, LOCAL PRESENCE, PERSONAL ATTENTION

One of the largest problems with HVAC installations around the globe, is that once the hatchery is operational it is very difficult to get support and parts. Jamesway has solved this problem by partnering with the largest suppliers around the world. Now your machines will be covered, locally, by suppliers you know and trust...and they are in your community!



WORRY FREE VENTILATION

Five reasons to choose Jamesway for HVAC

1. **Customized Design**
2. **Global Partners**
3. **Local Service and Parts
-anywhere in the world**
4. **Energy Efficiency**
5. **Over 100 Years of Experience**

Check our website for more information on Jamesway products and services: www.jamesway.com

Regional sales contacts

Africa-sales@jamesway.com
Asia-sales@jamesway.com
Australia-sales@jamesway.com
Canada-sales@jamesway.com
China-sales@jamesway.com
Europe-sales@jamesway.com
LatinAmerica-sales@jamesway.com
MiddleEast-sales@jamesway.com
Russia-sales@jamesway.com
USA-sales@jamesway.com

