

## Chapter 1 : How can you blow hot and cold? | Naked Science Forum

*Change one's mind, vacillate, as in Jean's been blowing hot and cold about taking a winter calendrierdelascience.com expression comes from Aesop's fable (c. b.c.) about a man eating with a satyr on a winter day.*

Updated on August 2, more JP is a self-confessed car and motorcycle addict, having saved thousands over the years working on and maintaining his vehicles himself. Or not if your car heaters are not working. That sounds a little odd right? Well, when I say cool, I mean keep to an optimum temperature, around 80 to 90 degrees. So this is where the heat comes from, your cooling system. As the engine gets hotter, so does the coolant. The most common culprit for your heaters not working is a faulty thermostat. These clever yet very simple and cheap contraptions regulate the the water circulation on initial start up. A Thermostat, which will be located near the top of your engine, sits closed shut when the water is at ambient temperature, so when the car is left parked up. When you start your engine, the thermostat stops the water circulation around the engine. As the temperature rises to around 60 degrees, the thermostat opens up and lets the water circulate around the engine and through the radiator. All this happens in a matter of minutes in normal weather. If however your thermostat has seen out its days, it will remain open. So on initial start up, the cooling system is working straight away. To have heat, you need: A little test you can do, is leave the can running, stationary at home and take a look at your temperature gauge that should be in your dash. If you are getting heat, your thermostat needs changing. This problem is relatively cheap to fix. Is the thermostat working? Is the heating system blocked by an airlock? Are the heater controls broken? Is there a water leak? Is There Enough Water in the Car? Your heater uses the heat from the coolant circulating around the engine. You should also have antifreeze in your coolant mixture, this not only stops the coolant from freezing inside your engine but also stops it corroding. The heater is higher up than the rest of the cooling system, and thus last in line for coolant. Thus the first thing you should do, if you have no heat, is to see if there is in fact enough coolant in your engine. You can do this by lifting the bonnet the hood and looking at the header tank, which collects overflow coolant from the radiator. This is a large tank, usually clear plastic, with a conspicuous cap, rubber hoses coming off of it, and "Max" and "Min" markings on it. It is positioned a little higher than the radiator, usually to one side or the other of the engine, directly above a wheel. If this tank is empty, you can fill it back up with ordinary water; you can add some antifreeze if you want. If your header tank is full then proceed to the next step. If you are not certain which is your header tank, ask a friend, or take the car to a local garage. Is Your Thermostat Working? As mentioned before, the Thermostat decides when to let water circulate around your engine. A simple way to find out if your thermostat is working without using any tools, is to see if your temperature gauge is giving you a reading on the dash. Your temperature gauge should be giving a reading or start to move within 10 minutes of starting the car. Check your temp gauge again and if starts to fall whilst you have the heaters on, the thermostat is broken. Is the System Blocked by an Air Lock? Sometimes even with water in the system and a working thermostat you can still get no heat; the flow of water in the heating-and-cooling system may be blocked by air or dirt. One possible cause is an air lock in the cooling system. If your system has a bleed port or bleed screw, and you can find it, you can fix this air lock yourself. Run the engine until the fan kicks in. Once your fan has come on, look around the radiator for a bleed port or bleed screw. This is something that can be turned with a screwdriver. Once you turn it anti-clockwise, you should hear a hiss; this is the air being released. Are the Heater or Heater Controls Broken? Even though most problems with the car heater are not caused by the heater itself but by the cooling system or the thermostat, it is still possible the heater itself may be clogged or broken. Or the heater controls may be stuck or broken. In either case there is a chance of a cheap or do-it-yourself fix, as shown in the video below. Toyota Heater and Control Valve 5. An engine that keeps losing water is a big problem, and not just because low water levels will keep your heater from putting out enough heat. A car that is not getting coolant will heat up and damage itself permanently. If it leaks water, you need to find the source. It can be a split hose, leaky radiator, the water pump, or even worse, the head gasket. Finding the leak can be a pain in the butt too, as even a tiny hole can let a lot of water out while the system is under pressure from being driven. But if the weather is cold, that makes your

investigation easier. Make sure the engine has run long enough to get good and hot, and make sure the coolant is topped up. Then, if there is a leak, the hot water escaping will turn to steam when it hits the cold atmosphere. Open the bonnet hood and look for steam: Also look inside your car— if your windows steam up, or the carpet inside the front of your car gets wet, your leak could be inside the car, behind the dashboard. It could be the heater matrix itself the heater core or a split hose. You can also buy a repair bandage for leaking hoses, but this is a temporary measure. Sometimes water loss is caused by a knackered water pump. Telltale signs of a broken water pump include a constant rough metallic sound when the engine is running, or water trickling down the side of the engine. Often it runs off the cam belt "timing belt" , and if the water pump destroys itself it will take out the cam belt and the engine along with it. Consider replacing an old water pump as part of routine maintenance, along with the replacement of the cam belt and accessory belts, if you have an old car and want to keep it a few years. A leaking head gasket is the worst news at all; it means your engine has lost its integrity, and your car needs major repairs right away, assuming you want to keep it. There is a downside: But make sure you go with the knowledge below. The centre dial of your heater control located in the centre console can fail. This dial, which changes the amount of heat you want, is run by an electronic component called an actuator that controls the amount of hot air that enters in to the car. It opens and shuts the gate of the heater ducting: You can access this actuator in the left-hand foot well. It is the lower actuator that usually fails. Before you take anything off, look at where the actuator is located and mover the dial. When you see the gate open, run the car, and you should now have heat. With the actuator plugged in still but not mounted, see if it moves freely. This issue is described below, and then we talk about another known issue with sandy material that clogs the system. This opens and shuts the gate behind the dash to determine how much hot or cold air goes into the system. This is operated by an electronic part called an actuator. It simply goes up and down to open and shut the gate. What you should do is look under the dash and look for a white plastic part that moves when you turn the dial. You may need a light to shine up in there to see it. As I said, the location of this is a little trickier than on the Jeep Liberty. There is a panel that sits under the steering wheel on the left-hand side that you can remove to gain more access. It may not be perfect access it but it will mean you can remove the actuator without removing the entire dash. Once the actuator is removed you can manually open the gate by turning the gear the actuator is attached to. Run your engine, and after a few minutes see if you get heat with the gate now in the other position. With the actuator off but still plugged in, see with a little push on the plug if it now works. If it does, you can decide whether you want to replace it or not. The Sediment Buildup Fix If your actuator was fine all along, you may be dealing with a very common and well-known problem, the buildup of sandy sediment in the system. If you did all of my general tips and there was still no heat, you may want to try flushing the system again. Get the best coolant flush you can afford. Make sure you dump out the old coolant at the lowest point possible: It is tight on the Jeep Wrangler, but in order to get all the gunk out of the system, you need to undo the lowest hose to remove the coolant. Now locate the two heater core hoses that are at the back of the engine and go into the firewall. Take both hoses off that attach to the metal piping and run the water through one hose, sealing it with your hand, with the flow going towards the windscreen, not down the metal pipes. You should eventually get the water to flow out of the other pipe.

### Chapter 2 : 4 Common Reasons Why Your AC Will Blow Hot Air This Summer - Coolray - Atlanta, GA

*The blowing hot and cold psychology seems easy to detect when you are just a bystander. But when you are the one who is pulled into that emotional roller coaster, easy becomes difficult.*

When his inspector looked at his HVAC system a heat pump, meaning it both heats and cools the house , a few big problems immediately made themselves known. Though on closer inspection, the heat seemed pretty weak. When he turned on the air conditioner, warm air came out. A system error in the controls of the heat pump was forcing an automatic system shutdown just seconds after it started. That was tripping on the air handler, which was supposed to be only for emergency heat. Even more strange, the previous owners had rewired the system somehow so the air handler came on every time, even for air conditioning. Hence the hot air. But the heat pump was also just very old, and repairing it would have cost nearly the same as just getting a new one, which is what they ended up doing. Why tell this story? Because it illustrates just one of many reasons why a heater might blow cold air, and an air conditioner might blow hot air. But all you have to work with are the symptoms. Here are just a few things that could mean: You can hear it blowing, but no heat is coming out. Sometimes this happens simply because your batteries have died. This problem depends in part on the type of thermostat, of course. Again, this depends on your specific type of thermostat. Likewise for the air conditioner. The harder it has to work to pull air through the filter, the less efficient it will be. If energy efficiency is as important to you as heating or cooling your house, making sure you have a clean air filter is a critical troubleshooting and maintenance step. His heat pump was starting up and then shutting off immediately, and the emergency heat was taking over. When he had a professional look into why this was happening, he learned it would be an expensive repair job on an outdated heat pump. Their improper installation thus led to the air conditioner blowing hot air. Maybe it just died of old age or malfunction. If that happens, your heater or AC will not produce the temperature of air you want it to. If your ducts have cracks or worse, then the cold air blowing into your house might be coming straight from outside right into your ducts, mixed in with the warm air your perfectly functional furnace is producing. First â€” make it worse. They worked around a failed heat pump by making the emergency heat the main heat. This rendered the AC useless. And, it increased their heating costs a ton, because the air handler is a far more expensive way to heat a house than the much more efficient heat pump. Second â€” test out the simple explanations. Check the air filter. You might even try turning your circuit breaker off and back on. These simple fixes might solve the problem, saving you lots of trouble, frustration, and expense. Third â€” hire a professional. You might be able to tell if your ducts have a leak, but fixing them is another issue. The last five items on the list above require a professional or a new furnace or heat pump to fix them. You can follow any responses to this entry through the RSS 2. You can skip to the end and leave a response. Pinging is currently not allowed.

### Chapter 3 : Blowing Hot Cold Images, Stock Photos & Vectors | Shutterstock

*Video Summary. In this video, relationship expert Susan Winter talks about how some guys are 'hot and cold players', and how you can spot whether or not you are involved with one, and if you are, what you are going to do about it.*

You begin to question your actions. Did you say the wrong thing? Did you make the wrong move? Behavioral extremes indicate a power play is being employed. Whether done consciously or unconsciously, this type of behavior activates longing and pursuit. Modern dating is tricky. Understanding this type of behavior is crucial even for those of you committed to not playing games. Follow, and they flee. Because relationship uncertainty makes human beings yearn for stability. Our automatic response is to chase when the "other" pulls away. The phases of Hot and Cold: The "hot" phase begins with a bang of overwhelming recognition. Your partner has placed you firmly on their radar. Bathed in newfound attention, flattery and flirtation spark a strong attraction for this person. You quickly find yourself craving more of this delicious new feeling. This phase lures you into the hopes of the possibility of romance. Contact is reciprocal, time is made to see each other, and forward movement is evident. Then comes the "cold" phase. Your partner begins to pull away making you long for their previous attention. Whether initiated by a cold-shoulder, avoidance, or lack of communication This phase activates loss, making you yearn for them and wait with bated breath for their call or text. You wonder what happened and begin to question every move you made. These are the basic dance steps to this type of behavior. Each step is a phase, and each phase has a cycle. The beautiful truth is that this has nothing to do with you. Understanding what comes next puts you back in control of your own reactions. Relationship hiccups occur because your partner is emotionally invested, but scared. Once stated, the hot phase normally reboots and continues with forward movement. The root cause of this behavior is a desperate attempt to gain control over the uncontrollable; love. The cycles of hot and cold may make you feel like the powerless one. It appears as though as though your partner has all the strength. Power and strength of this caliber have no fear of being honest and direct. Games are an ego default when being "real" feels too scary. Authenticity takes tremendous courage. Does your questioning meet hostility, defensiveness or resistance? Cut your losses and walk away. After questioning, does your partner react with concern or guilt? Do they reveal their inner conflict? If so, then you may have stumbled upon a highly sensitive and fearful individual. Evaluate your partner carefully. Do they have the capacity for trust? Do they want to explore the possibility of a relationship with you? These are easy questions to ask when you know what you want and what you deserve. Games are used in lieu of the ability to be real. But knowing of their existence and recognizing their predictable patterns will allow your dating to be a rewarding, rather than confusing, experience.

### Chapter 4 : How To Deal With Blowing Hot And Cold In Relationships

*Men who blow hot and cold confuse a lot of women. One day he is on, one day he is off. One day he is all loving and open, to just shut down the next.*

My approach balances the simplicity of the forms with a more complicated use of line and pattern. Nearly everything I make is cold worked and polished in some way, adding textures or revealing details within the glass. The initial draw to the material was the way the light passes through the material, and the vibrancy of the colours. More and more I am drawn to the movement and fluidity of glass, capturing a given moment during the making processes. The cold working adds to the finished pieces by adding reflections and refractions to the thick polished surfaces. I chose an ornate cut mirror with sconces and elaborate detailing. The final exhibition piece resulted in an indented, mirrored vase with diamond cut free flowing patterns. Layer upon layer of silver leaf are permanently applied to the surface of the vessel whilst hot and burnished to a high shine. After annealing in the lehr, the piece is hand cut on a diamond wheel and hand engraved for finer detail in the studio. The finished result mixes contemporary hand blown design with age old cutting techniques, two processes which are exciting to combine and contrast. Originally I worked on it as a way to make interesting and unusual stemware as a bit of fun. However I soon became aware that if scaled up in size, its potential in the development of larger work I was making at the time could be significant. These were vessels, mainly large bowls, inlaid with imagery which was trapped within the glass using engraved coloured glass shards. Over time, the drawing on the glass became less important to me than the form itself. There are many aspects of this technique I like – how the cut glass once again moves when heated, adding renewed energy and liquid fluidity; its ability to soften harsh cut glass and to vastly alter the shape of blown glass forms in a way no other method can. I hope to discover more. This consists of several canes, each one made of multiple layers of coloured glass, laid out in a carefully considered pattern to be fused together, rolled up onto hot glass and twisted in an energetic blowing process. Once cool the piece is then carved using a diamond wheel to reveal the inner layers of colour before being reheated, to be fire polished, ridding the work of any harsh lines or edges left by the cutting process. Layne is now making these intricate pieces on a more intimate scale in organic tactile forms. He has challenged himself to apply these complex hot and cold techniques to new shapes and also to consider how his creations work within the labyrinthine dynamic of a group. He is currently revisiting and developing many of the iconic projects he has undertaken over the past two decades. Optical illusion is at the heart of his work. Perception is dependant upon light, angle and distance from an object. The results are beautifully constructed optical sculptures which seem to warp the laws of three dimensional space.

**Chapter 5 : Blowing Hot And Cold (The Psychology Behind The Dating Game)**

*Mr. Hot and Cold is ubiquitous in our society. He is seen in movies and books and most of the time the outcome becomes Mr. Hot and Cold becomes Mr. Commitment. The woman waits and does all of the right things, giving him space when he needs space, jumping in when he wants to jump in and repeating the cycle as necessary.*

Robin 9 comments Men who blow hot and cold confuse a lot of women. One day he is on, one day he is off. One day he is all loving and open, to just shut down the next. When he is on hot, he sucks you in and the connection feels just right. When he is off, it feels like an Arctic Freeze and it just gets you down. I think we have all been there with these men that blow hot and cold. I know I sure have made my share of excuses for these men. He is stressed, he is overloaded at work, he is scared of his feelings and on and on. I mean seriously think about this. When you are crazy about someone, do you really treat them coldly? I mean you, as a person, do you? How do you treat someone you really care about and are thinking of building something lasting and meaningful with? By turning hot and cold? I really think you know the answer to this. I mean we all have our occasional bad mood, but a man that blows hot and cold is not experiencing bad moods. Any man that I am acting hot and cold with is a man that I am not that invested in. It usually means I can live with or without him if I can turn it off that easily. It can also mean that I am hung up on someone else and he is just a space filler for me. I warm up when I am lonely or want companionship. I will also blow cold when I sense you want something from me: You only know when you lean back. So do that first. The most common question asked in her popular Facebook group is how do I act, what do I say when he turns back on again. The answer is really to stop being so available. The term luring with honey is brought up often in this situation. How do I lure with honey? You just take his call or texts sweetly and warmly and then just have other plans. You lower your investment into him. We teach men how to treat us. It just tells him you are the doormat that he can walk on when he feels like it. You allow it to happen over and over and he has no reason to step it up. How do you treat people and things you treasure? Take him off that mental pedestal in your mind and get yourself a rotation going. A rotation is when you start dating other men. The relief they feel when he turns back on when he has been off is like a high! You feel so bad when he is cold, then he brings you instant relief when he is hot. You get to where you crave the relief. When these hot and cold men go absent, our imagination tends to go into overtime thinking and analyzing. We remember all the good warm fun times and try to justify his behavior. I mean how could he not care after that fantastic night last weekend? I think women fall in love in their heads when he vanishes or when he pulls away. This is exactly why you must downgrade these hot and cold men. Once you master these ways, men who are hot and cold will not be an issue for you again. They will simply stop showing up in your life or you will stop accepting them and the crumbs that they offer. And you will get some of the coaching programs I mention here as bonuses as well so you can start listening to them before coming to the weekend getaway. Your life will turn upside down for the better after the retreat if you practice all the skills I teach there.

### Chapter 6 : blow hot and cold meaning, definition, examples, origin, synonyms

*This is the reason that it takes a while for heaters to start blowing warm air. Until the engine warms up, there's no heat for the heater core to extract. It's also the reason that a plugged heater core, stuck thermostat, or air in the cooling system can all cause a car's heater to blow cold.*

The person who is doing hot and cold with you is doing it to protect themselves, Flee they follow, follow they flee - this is human nature, and for some guys, if you appear to want them, they run in the opposite direction. If you have ever had this happen to you it is natural to first wonder what is wrong with you. But more often than not, this is actually about themselves, and their desire to protect themselves from being hurt. Understand that there are 3 phases to the hot and cold pattern. Phase one, The hot phase: You are given constant attention, flirtation, banter, easy communication, and then completely unexpectedly, texts are not returned and dates are broken. You start to wonder what did I do wrong, and you start to pursue them. You think that YOU did something wrong and that you created this dynamic. The guy has gone into a cold cycle. You're now being ignored, and you think that is something that you have done, so you probably start to obsess over him, and want him all the more. Chances are you will chase him a little at this point and it might even bring out the worst in you but then finally, you realise that this is just not happening and you begin to move on with your life. This is when he slaps you with the next cycle. Cycle 3, which is where the cycle begins all over again. As soon as he realizes that you are not contacting him and you appear to have moved on with your life, he will suddenly appear from out of nowhere, and say hey, how are you doing, fancy meeting up sometime? This can be really confusing, and because you thought that you did something wrong, you might be tempted to meet up with him. A guy who is programmed to behave like this does so because they want to keep themselves safe, and they do not want to be vulnerable and have a relationship. If you are looking for a relationship, you need to get out of whatever it is that you have going on with this hot and cold player. Then back off and let him go. Of course, he might possibly chase you - this is because a hot and cold player enjoys the thrill of the chase as it makes him feel powerful. The choice is yours. She writes, speaks and coaches on cutting-edge partnership models as well as traditional relationship challenges from a platform that fosters self-esteem and personal empowerment. To know more about Susan, visit her website [www](http://www).

### Chapter 7 : Why Is the Heater in My Car Blowing out Cold Air and Not Heat? | AxleAddict

*Blowing Hot and Cold Brian Randall, Test and Validation Manager December 20, Editor's note: Our last blog, Good Vibrations, chronicled some of the safety and durability tests we've been running on the Tesla Roadster.*

Whereas you used to hear from the all the time, now there are increasing gaps. They seem less attentive. You feel like a pest when you get in touch. You can feel them pulling away, possibly because the feeling is familiar. This might be a well honed routine. When they pull away and you stop chasing them, they chase you back and then when you respond, they pull away. And lathe, rinse, repeat. Blowing hot and cold is never a good sign and it is in fact a code red alert because you can never trust in this person enough to know what to expect from them. With all of this jiggery around with the hot and cold, you may think you still have something going on the hallmarks but your relationship will not have the landmarks. This is unhealthy and demeaning. The person who blows hot and cold thrives on control and equates feeling out of control with desire. This lack of control causes them to overestimate their interest and their capacity for a relationship and they do this by Future Faking and Fast Forwarding you through the early stages of the relationship. The promises, the thinly veiled hints about things they see you both doing in the future and the intensity, blinds you to paying attention to red flags and sweeps you off your feet. Blowing lukewarm or cold should be a wake-up call if not the exit bell ringing. At the very least, it is a sign that you need to step back, stop, look, listen and evaluate what the hell is going on. The moment that you allow someone to be inconsistent, you are allowing your expectations to be managed down. What are you going to do? Keep doing these things in order to get attention from them? Blowing hot and cold is ambivalent, ambiguous, inconsistent, contradictory, unreliable, unstable and yes, at times, assclownary. You cannot forge a mutually fulfilling relationship with someone who blows hot and cold, so why waste your time? Add to favorites Related posts:

Chapter 8 : Why do men blow hot and cold & how to handle it – WikiYeah

*Most women act hot and cold with a guy is to see if he is a confident, alpha male, or if he's an emotionally weak man who lacks the balls to handle challenging people or situations. Women are instinctively attracted to the emotional strength in men (e.g. confidence, masculinity, drive and determination) and turned off by emotional weakness (e.*

Most of the air previously in the vicinity of where you are about to blow gets moved. One does however have to perform an experiment in which you blow air at the same velocity with a bigger stream circumference. You can roughly gauge the velocity of the air by measuring the time it takes to hit your hand. What you will probably find is that the air is of different temperature in the two experiments. My explanation for this is that the new air from your lungs is filtered through your mouth at a high speed with a thin point of exit but ends up diverging quickly in the more closed mouth experiment. This quick divergence is probably the reason for the cooling as the further apart the atoms, the cooler the respective gas. Most of the air in the vicinity will probably be your air at first but will then be replaced as it quickly diverges and spreads. The replacing air will probably be slightly warm due to the atoms crashing in from all directions. The example in which we do same velocity air but open mouthed blowing sees some divergence of air but nowhere as much as in the close lip example. This explains the lesser temperature change. This is because the distance we hold our hand divided by the size of the originating air stream has a significant impact on how warm the air that hits our hand is going to be. Another element is that a small thin stream is more aerodynamic than a big one and can reach your hand more easily so there will be more actual air from your lungs in the close lip example and more relative time for the stream to diverge. This close together lip example, to my understanding, is a similar effect to an atomiser on a spray bottle. This is also why when you put hot water in a spray bottle it comes out cooler, or how your deodorant body spray always comes out cool. Same effect but in that case with liquid. We can observe where close lip air goes from the mouth in a smoker blowing the air out with pursed lips. The air is still the main constituent and we can observe the interaction of the smoky air with the surrounding air. This is all just a theory and I am no expert so please feel free to refute anything. I do however feel that this hypothesis is strongly backed up and probably true. Once again great question and have a good day 4 years ago. Sorry for the late reply. Only found this post right now. It will probably take you another 4 years to read this as I have written so much.

Chapter 9 : Blowing Hot and Cold - Wikipedia

*I have a Ford Taurus that I bought used to get my husband to and from cancer treatment so miles 2 times a calendrierdelascience.com car runs like a dream except for the calendrierdelascience.com car warms up and you get sort of warm air but if you put the fan higher it starts blowing colder all this time it stays in the middle between hot and calendrierdelascience.com paid to.*

I guess that most women had at least one point of their lives being with this type of men. So, why do men blow hot and cold? This inconsistent behavior means that as long as you are with him, you are facing with a cycle of inconsistency likewise you are dealing with a drama, the uncertainty and the highs and lows. This article on Wikiyeah. Some information in this article is referred from Yourtango and Allwomenstalk. Actually, those men who do so often have limited attention spans. Often, they are quick out the gate in the hot pursuit, yet as soon as they feel as if they do not have to chase someone anymore. This might make them lose their shiny exterior. They think that there is no incentive for them to gather all of their energy for you. Hot and cold men are aware of what they are doing. Most of these men haven't grown up yet, they are simply just immature. They even act like they are still in grade school and thrive on the challenge of wooing you until you fall in love with them. Yet, right after they think they have you, they turn to get bored and move on. It does not really matter how beautiful, fabulous or lucid you are, they still get bored as it is not all about you. It is about the thrill of the chase, thereby you are considered as the prize for a moment. That might be because they feel alone and need someone to share their thoughts, feelings, or anything else. In some cases, it is due to they want some sex or attention. They Are In A Game And Like Toying With You When it comes to why do men blow hot and cold, there is a fact that some men out there like nothing more than to play cat and mouse with women. They screw up, kick you out of reeling you in, and wining. They stop calling, being so obnoxious, and plain ignoring you. These men are basically full of pride. The game of cat and mouse gives them a strong sense of entitlement that they have just mastered the art of attraction, being inconsistent, and uncommitted. These guys love to watch a woman fall apart due to their inconsistent actions. Then, when you walk away, they start calling you, texting, emailing, and never getting out of your life. If you are in this case, you should be careful as you might become a Yo-Yo girl.