



**ACCURATE
GLASS**

**The Lake Effect | Episode #7 - MAK
Mechanical**

00:00:00.980 [Music]

00:00:06.359 welcome to uh this week's uh Lake Effect podcast we're filming this at the sandbox downtown Barry uh where Barry

00:00:12.960 and moka's fine home building podcast today I have a guest from Mac mechanical

00:00:18.039 it's Alec MacIntosh and we'll get into how we met uh sometime later in the in the episode um so welcome to the show um

00:00:25.359 and great to be here yeah it's it's awesome to have you um so you're you're serving Barry and musoka your company

00:00:31.560 serves Barry and Moka absolutely yeah we've got a pretty big uh pretty big reach um okay so let's let's talk about

00:00:37.800 ma mechanical how' the company start and what did you what have you guys done in the past what do you do now okay yeah

00:00:43.760 that sounds great so uh the owner Mike uh Kinsey um moved up from Bradford to

00:00:49.960 Barry with his uh wife at the time uh he was doing some agac jobs working for a

00:00:55.000 guy and uh you know one of those guys that uh needed to kind of go in his own

00:01:00.399 uh push came to shove and he's like okay board a truck from his next door neighbor grabbed an AC unit and that's

00:01:05.960 where the business kind of took off on its own when when was that uh so we're 30 plus years now so we go to be like

00:01:12.799 early 90s gotcha yeah yeah so he's been going strong since then and he was running uh five or six man crew for

00:01:20.159 quite some time and then in last years he went to you know 12 guys and then as

00:01:25.439 Barry has kind of boomed uh and we got into the Light commercial area cuz there's not a lot of local guys that

00:01:31.520 were doing that so we got into the you know smaller highrises uh we've gone up to about 45 people on our staff team now

00:01:38.159 wow 45 people yeah it's uh it's been growing quickly especially in the last about two three years okay I've met Mike

00:01:43.720 uh a couple times okay um he's a pretty intense guy obviously he's the knowledge like he's got a lot you know he's the

00:01:50.240 the uh what's the word I'm looking for he's the you know the brains behind the op like the Yoda of the yes the Yoda

00:01:56.640 yeah oh my gosh can't wait till he hears that he's got not from the looks not not from the size the size yeah we're

00:02:01.960 talking the knowledge very wise very wise yeah okay we we have somebody in our company too uh did the original

00:02:08.080 podcast actually mik Caden head yeah been in the business 40 years okay and it's just like you know you see

00:02:14.680 something you get all excited about Mike just kind of Strokes his beard oh yeah I remember that and you know five times

00:02:20.360 I've done that you know so you get that much experience you end up um be able to resolve a lot of problems and absolutely

00:02:27.160 you have an opportunity to transfer that knowledge to the people that work for for you yeah um so you so what's your

00:02:32.319 position there so my position at Mac is a sales and estimator for residential Uh

00:02:38.040 custom homes and uh small late commercial excellent that that would be very on topic fabulous I'm glad I'm here

00:02:45.480 yeah excellent okay so we're going to jump to if we can kale we can jump to the screen um we I'm just going to open

00:02:51.720 this up here we'll go through the first picture that comes up here is Cottage life show so that's we'll start with

00:02:57.400 that one oh re extremely Timely uh caj life show is coming up on the 20th of

00:03:03.920 March so in a few weeks uh down at the convention center in Toronto and we've been there so Paul who is our GM has

00:03:11.400 been at that show for 24 plus years wow uh last year was his first year not able

00:03:16.599 to come uh which is why in that picture there is a cutout of Paul that we had made uh just on the road from from

00:03:22.640 Gibson digital snapped it off about 24 hours because we had to have him at the show okay so Paul's there in spirit so

00:03:28.239 Paul's there in spirit he's coming back this year he had took last year off so I assume the purpose of being at the show so you're going to have homeowners

00:03:34.040 you're going to have General Contractors uh suppliers walking around the show they go to your booth what what do you

00:03:39.239 want uh especially for the homeowners and cottage owners can you uh go to the show and negotiate a deal can you bring

00:03:45.080 a set of plans on your phone and forward it to somebody you going to have you know expertise at the show yeah and there's like that is exactly what

00:03:51.360 happens like people are walking around with their plans in their hands or they're just trying to solve a problem

00:03:56.640 like uh because and especially because of covid cottages and how they people have using the Cottages has changed a

00:04:02.840 lot so you're going from your traditional like two like season maybe a

00:04:08.120 little bit more to now really getting into that three extended 3 to Four Season Cottage and a lot of these places

00:04:13.680 weren't built with furnace proper duck Works uh so you're looking at retrofitting a lot of these places so

00:04:19.238 you got your plans and and you're laying it out sometimes um you can absolutely negotiate a deal uh at the cottage life

00:04:25.919 show typically uh as I'm sure you get too you're like like yes this is roughly

00:04:31.840 how much it's going to cost but you got to bring me up so I can see you know like are you on the Canadian Shield uh

00:04:39.120 we put stuff so so um you know I have a I have a good friend of mine runs a mechanical company did an improvement

00:04:45.520 for me very similar to what Mac mechanical would do okay he just did it as a favor it's not really like um it's

00:04:51.240 not really his wheelhouse okay but he had some guys um put a split unit two split units in awesome um my Cottage is

00:04:57.320 pretty old I think the neighbors telling me it was built in 19 19 63 okay primary source of heat is a wood stove yeah

00:05:03.360 which is typical yeah yeah so so um you want to take the chill off um and then there was no air conditioning in the

00:05:09.360 summer so although tolerable because I'm on Georgian Bay um you know you get some Breeze but there's a limit to that in

00:05:15.759 the end of August oh totally yeah my you know bringing people from Alberta who are used to dry air and you get into the

00:05:21.680 hot swampy Ontario Summer like I love the humidity but like if you're not used to it it's a it's a lot it's like

00:05:27.800 walking through pea soup sometimes Okay so so the Improvement and I can see in the picture you have a misubishi looks

00:05:34.400 like one side of a misubishi split unit the head went in it was so simple that

00:05:40.280 the head went in the the cables went in the electrical got hooked up it was two guys took care of the whole job ran the

00:05:45.960 coolant lines yeah and it is um if there's any Cottage owners watching I it's it was night and day the useability

00:05:54.000 of the cottage in the month of August having that Split unit be able to cool it 100% And and a lot of the people that

00:05:59.199 are coming up now it's actually their kids that are telling Mom and Dad that have gotten to age saying like hey I've

00:06:04.880 got an infant I've got a 4-year-old like they're not sleeping if it's this hot so

00:06:10.080 unless you get cooling we can't really come up and so you know Grandma Grandpa like well I want this is where all of

00:06:15.520 our memories are how do we well I'm not a grandma and grandpa yet but I I don't want to take my arm off my side with a

00:06:22.400 spatula right yeah it really um there's there's that concern there's a personal Comfort

00:06:29.080 side of things but there's also the mold the must and the other stuff that happens in that season that you can

00:06:35.199 avoid you get that's why they call it air conditioning because you know you're you're changing conditioning the space yeah exactly yeah how do you curate your

00:06:41.680 space so it works for you um and a lot of the times especially these mini splitzer or where you are you can Zone

00:06:48.160 control it you're like okay well I spend my time in the master bedroom and we're here all the time and the main living room and and in the kitchen and you you

00:06:54.840 set them up right you know two heads can kind of make it comfortable for you know the those days in the summer that are so

00:07:01.879 sticky okay so there's there's that market right you the retrofit market so we'll jump to the next picture here okay

00:07:08.680 the next picture is uh geoh hydronics now that's got to be a little more um

00:07:13.879 intense of a it's a lot more intricate you're not seeing as many GEOS uh these days so there was kind of that big boom

00:07:20.720 uh era when there was a very big Kickback for geothermal so so the picture that we're looking at it's like

00:07:26.919 crazy nice it's got looks like diamond plate walls Checker plate yeah we're

00:07:32.000 starting to make that uh on all of our installs really um yeah it just can I

00:07:37.039 convince you to do it out of glass I'm not saying no I I wouldn't say no like if it can be done but this this is the

00:07:43.960 thing is is uh your mechanic room doesn't need to be that like dark dingy

00:07:50.159 like oh it's just a spot like when you're making a custom home why isn't every area really not why isn't sexy

00:07:55.680 when you walk into your mechanical room like it could be and that looks really nice it's laid out we we go to

00:08:02.800 make everything like symmetrical you try to get the copper in there it can look really good we've done some uh we've

00:08:08.280 done lots of high-end very high-end Uh custom Cottages custom houses Lakefront

00:08:13.599 stuff some really big stuff um and one change that I've seen um is that sexy

00:08:20.280 might be the top word used by plumbers next to money okay fair enough yeah that's so I think the plumbers you know

00:08:27.479 I've seen a lot of mechanical rooms in the last let's say five years um with better insulation pipes insulated better

00:08:34.120 with with not only insulation but there's like a a carved not carved molded plastic insulation retainer okay

00:08:42.679 it kind of reminds me um I've owned some very old houses I've owned the houses that are built in 1880 1890 uh

00:08:49.320 retrofitted there's one I had in Aurelia that was in the uh uh built in the 1930s

00:08:54.360 or sorry 1925 okay so they they did the asbest um

00:08:59.680 pipe covering yeah with plaster and everything yeah it's very attractive looking I mean despite the fact that

00:09:05.240 it'll kill you you know if you breathing in but it seems to me that there's some some uh a return to you know maybe some

00:09:12.920 craft craftsmanship and or at least with your company some craftsmanship from from the from the mechanical room

00:09:17.959 standpoint well like a lot of our guy like who when you're working who doesn't love to do a really great job and walk

00:09:24.800 away and look at it and be like yes that like I'm proud of the work I've put in

00:09:30.160 so our guys are even I would say really taking a lot of Pride and ownership in the jobs not that they didn't before but

00:09:36.560 when you walk away and it looks that beautiful and our guys are trying to do that great work um and we're putting

00:09:42.279 time into it and you know sometimes it uh it backfires it takes longer and we've got to own that and and we'd

00:09:49.040 rather spend that time to do the job right and our guys have that kind of support well I could see from the the look of this mechanical room like you

00:09:56.200 know as an owner I mean I could you know don't own something geothermal or something this complex but as an owner

00:10:02.839 you know you know in cottage you're going to have emergency situations oh yeah especially like I'm out on an island right and okay yeah so to get

00:10:09.760 somebody there is not that easy and you want something that is easy to read very clear somebody had retrofitted my place

00:10:16.720 with uh uh with pecks off a manifold yep okay and I can tell you on a Sunday afternoon in the fall when I'm trying to

00:10:23.560 shut everything down and and it's just like so simple take off one panel cover everything's nicely labeled everything's

00:10:29.519 in order there's there's it's not like you know you know a nest of yeah so this

00:10:35.440 represents you know I think people figure they're paying for it anyway right and so they want it to be neat and

00:10:40.760 clean this is very impressive okay so thank you appreciate it yeah no problem so let's let's uh let's jump to the hydronics um and talk about uh the floor

00:10:48.839 so the next picture is it's uh from Aurelia this is a job you guys did in Aurelia yeah yeah okay so I zoomed in

00:10:55.279 basically on the section there's there's four boxes looks like valves electric valves and then there's three boxes on

00:11:01.600 the wall yeah so your Zone controls uh then you've got your pumps there to kind of coordinate with each one of those

00:11:06.720 zones um and I think in this particular house there was probably 15 different zones one was for the garage so you've

00:11:13.920 got that floor heating so like if you're getting you know the cars are are melting in the winter uh that water is

00:11:19.000 then starting to evaporate uh so your garage isn't staying really really wet and then it's downstairs is how this

00:11:24.839 particular location went okay so let's back up cuz I don't know what is this to heat the floor of a garage it can yeah

00:11:31.600 you can you can do snow melt too so what was this one so this one so this one has

00:11:37.040 uh so it's got the so the zone that was one so it's got like uh each individual

00:11:42.120 room has its own zone so what happens at the start is you lay down all these styrofoam pucks and they've like it's

00:11:47.720 got little pucks all the way through it and then you run these lines hydronic lines and each individual line is going

00:11:53.519 to be a Zone and you can Zone control that with different uh technical information um so does this need can

00:12:00.880 will this heat the whole house or do you have you can heat the whole house I just did a quote for somebody up in mscok

00:12:06.200 actually where the basement is going to be heated floors and that's going to be heating source and then the rest of the

00:12:11.279 house is actually going to be hydronic baseboards okay so if I was planning something like this and I was watching

00:12:17.480 this there's a lot of options oh there's so many options so let's let's get this out of the way right now okay how what's

00:12:24.920 the best way to get contact with you cuz they're going to need technical advice oh for sure uh and a lot of it is so the

00:12:30.519 best way to contact me is either through phone or through our website what's your website our website is Mac M

00:12:37.519 mechanical.com okay we're going to jump to that um if we can jump to that real

00:12:43.959 quick okay and you can see right here at the top Mac mechanical.com um as you go through the site this is about of course

00:12:50.600 heating cooling commercial um air and water and the contact yeah um and and

00:12:56.120 are you the principal contact for for residential yeah absolutely okay so if somebody's building a a cottage in Moka

00:13:02.600 they want to call yeah and we get get them involved with the plans get an idea of like where they want so you get you

00:13:08.040 know you take the idea of like your where's your budget and where where your goals like and then start to kind of melt those two together to kind of Bring

00:13:14.800 It Like a realistic ballpark where you're going to be and then get a heat loss design done with a either like an

00:13:20.680 engineer heat loss designer to figure out what how much heat you're need so this comes back into like what you're

00:13:25.920 doing he's going to take a look at the architectural plans say okay what's the glaz factoring all your windows what's installation net do you do that in house

00:13:33.120 can somebody just call you and you recommend somebody yeah we work with a few different ones depending on what uh

00:13:38.360 the scope and the layout of the design needs to be uh and what kind of expertise they need and again where your budget is okay for so for a fire and

00:13:44.839 forget Cottage owner who's building something let's say in the 3 to 7,000

00:13:50.120 square foot range which is pretty large I mean yeah it's big that's big Cottage yeah um is it usually GC that would

00:13:56.320 hire that person uh it can be either or it really depends on what the homeowner needs um a lot of the time the GC is

00:14:03.279 coming to us because we've worked with them and they know that they can count on us but absolutely they can reach out to us and we can then make contact with

00:14:09.880 the GC uh to kind of support that that build and and you're in Moka like that's

00:14:15.160 your oh yeah yeah you guys have an office there or trucks there not oh I would say trucks there yeah like

00:14:21.320 sometimes two or three trucks in the area uh on any given day just depends on what's going on it's a little bit quieter right now because we're in the

00:14:27.040 winter um but yeah we're looking to open up an office in that area in the next little bit for sure okay awesome so

00:14:33.360 you're obviously um so kale doesn't know the story of how you and I met oh my gosh my wife does so um that sounded

00:14:42.040 wrong but anyway she she she's very nice yeah we had dinner

00:14:47.759 together yes we did okay so so let's let's so we're we're both members of the Moka Building Association yeah um uh

00:14:55.440 great people we we also own Moka Glass by accurate which oh nice was Dawn's company and we relocated it to howard

00:15:02.160 Street um in Huntsville so the weather's been pretty crazy this year there's been

00:15:07.800 some immense amounts of snow temperature variations um and there was a there was an evening at deerar Resort so there was

00:15:15.199 yeah so for Kale's benefit here we're going to deerhurst Resort of course we're watching the weather no we have a

00:15:21.199 podcast we did just about driving in mcoa is is as a as a we need our shop

00:15:27.199 here in Barry um in order to produce the glass we're fabrication we have tempering Ovens that kind of stuff so

00:15:33.519 yeah so our guys are we're around the corner by the way Mac mechanical and accurate class you could walk in what five minutes oh yeah we're right over

00:15:41.759 there right over here yeah yeah exactly okay so so the there's there's um you

00:15:47.800 know we're checking the weather we look at the the the um uh the satellite you know the radar we did a whole podcast on

00:15:54.399 that yeah but we're going to we're not going to do anything dangerous okay but we're definitely not going to give up

00:16:00.440 easy we have four-wheel drive trucks yeah you're good to go yeah go get the job done right absolutely yeah so um my

00:16:06.720 thought and feeling was the same I jumped in my pickup truck with my wife and I headed up to go to the dinner and it was the most insane snowstorm Highway

00:16:13.199 11 was shut down yeah and so what happened is all the trucks on Highway 11 were diverted off of the highway yeah

00:16:19.759 and these guys a lot of them were from British Columbia and and I don't know if you do have you ever been to British

00:16:25.560 columbia I lived in Prince George actually for for about a year excellent okay yeah so I lived in Colona for for a

00:16:31.480 couple years yeah and so you know that the only real place you're going to come across that kind of driving is when you go through a pass exactly right um you

00:16:39.199 know the lower areas is not like that and when you go through a pass it's a giant highway it's six Lanes sometimes

00:16:44.480 yeah okay this was guys divert from BC diverting to side roads that were like

00:16:51.360 two lanes tiny two lanes no shoulder sharp Corners oh yeah and so every classic Cottage Road classic Cottage

00:16:58.160 Road yeah okay with a with a 53t trailer and a sleeper cab stuck on every corner

00:17:04.319 yep throughout the entire region or Jack knifed or jack knife yeah okay so um I

00:17:09.919 come up to a I come up to a a truck stuck on a corner I'm the first car the tow truck's trying to pull him out it

00:17:16.039 ain't going to work but I couldn't the tow truck driver needed to try okay he wasn't going to give you were there yeah

00:17:21.520 he had to give it a go okay so Alex is independently I haven't met him at this point he's in a truck a couple of spots

00:17:27.880 back and there's a lineup probably I don't know 50 or 60 cars at least yeah okay

00:17:32.919 so uh ourselves and a bunch of other people worked for like an hour and a half to convince the tow truck driver to

00:17:40.600 get off the road to stop people from driving up in the wrong lane and to get the traffic moving south which there's a

00:17:47.160 line of like a hundred cars because if they could get by then we could get by and make it to deerhurst absolutely okay

00:17:52.799 after what being in on that drive for about 2 and a half three hours something like that can you still following me

00:17:57.960 here am I going overo uh so so we got the line going but as soon as I ran back to jump in my truck

00:18:04.240 as I was first in line to let a hundred cars go by the cop showed up and shut it

00:18:09.440 down I forgot that yeah so I worked my ass off and then the cops no no forget it and then I'm like listen man we can

00:18:15.799 just let us buy and then then you can shut the road down so he said okay but I don't think he let everybody buy I think

00:18:21.960 he let me you and maybe one other guy by and then he shut it down oh no way really you didn't catch that no I

00:18:27.039 totally missed that I was like I'm I got somewhere to go so yeah well after 2 hours of Madness at this corner all that

00:18:32.679 happened is a few kilometers away we got to the next corner there's another truck stuck oh I think I turned around like four or five times yeah it was it was

00:18:38.960 pretty crazy it was nuts okay but everybody did their jobs the police did their jobs the the the everybody's good

00:18:44.080 about it too yeah yeah there was like you you there was no real flare tempers it was really no I didn't see any like

00:18:49.200 yeah weird Shenanigans like people were you know kind of like yeah this is Ontario winter and you just make the

00:18:54.960 best of it okay so so you and I had spoke just like we're just Rangers quick

00:19:00.880 okay so then he disappears so kale he disappears I make it to deerhurst and and and I get to the to the table and I

00:19:07.320 sit down and start talking to these folks who are local who who drove down the street to get to Deer Hurst and they're talking about their friend who's

00:19:13.520 stuck in traffic and all this crazy stuff and he's texting them and Hees they don't know if he's going to make it

00:19:18.840 and this kind of stuff and then oh my friend's here and who sits down but Alex the guy who was right behind me was

00:19:24.799 right behind me in traffic said there oh we met recently yeah

00:19:30.440 and then to find out that we're neighbors in Barry yeah fair enough yeah yeah that was that was uh it was an interesting way to meet because you know

00:19:37.240 I I I remember looking at your friends he was in the stone stone business yeah he works for uh Moka Stone Moka Stone

00:19:44.320 that's right yeah yeah yeah and I'm like yeah yeah know just you remember all those texts that was us right the only

00:19:50.320 thing is we were just one car ahead that's it yeah I know it was what yeah what a what a night cuz I had actually

00:19:56.360 left Gravenhurst the night before was like okay snows come down pretty hard but it started at like 4:30 I was like

00:20:02.440 roads will be clear won't be a problem okay well I I that's always been my opinion uh I don't know about you but

00:20:08.799 I've I've got a lot of driving under my belt fa yeah I drove I took one I had one pickup truck uh when I sold out

00:20:15.360 600,000 K and I actually well I drove it up to the Arctic Ocean amazing and to the Gulf of Mexico okay I want that

00:20:21.360 story one day yeah too long for this yeah but it was great to Ford pickup truck with the inline six and the manual

00:20:27.799 it would just go anywhere right got to love those Vehicles yeah I was I was young and I had to live in the

00:20:33.000 thing I was a pilot at the time living in the back way yeah that's what Bush Pilots get paid just enough to live in

00:20:38.280 the back of their truck yeah yeah I had a few buddies of Pilots absolutely yeah pudle jumping yeah yeah yeah it's fun

00:20:44.919 the romance is there and so is the danger okay so let's get back to uh to the you know uh the um the the

00:20:50.840 mechanical okay so the next picture so you guys so there's a residential component of the business yep you're

00:20:57.320 responsible for the estimation you obvious have of technical because

00:21:02.600 you I mean was a s super for many years and it sounds like you can probably talk circles around me okay you've probably

00:21:09.000 seen a lot of plans I've seen a lot of plans yeah have you seen and you've seen a result of those plans too I imagine

00:21:14.640 yeah okay so and uh not everything that's on paper is uh as well laid out in reality which I'm sure you've also

00:21:20.559 seen yeah one thing my friend Matt you know he would always say he's like you know the the name of the game is to

00:21:28.120 understand the drawings and take what the engineer has proposed yeah and and

00:21:34.000 outsmart that drawing and do something better in reality absolutely how do you make it better for the customer and the

00:21:39.720 general layout uh and just talking about the things and how they come together like we have one that I'm on right now

00:21:45.240 and uh the duck wraps around the whole basement which is awesome great air flow

00:21:50.440 uh but that bulkhead goes directly in front of the Windows like like I don't think they're going to really want this

00:21:56.159 and so then you just start to work out being like this just wasn't imagined as built and so you just start to break it

00:22:01.520 down okay so the um the other component of the company is you guys do commercial work right absolutely okay so I've got a

00:22:08.200 great picture here now this is close to where I live I live in Paul gra yeah um is this this near my house it is uh

00:22:16.159 believe it's just outside actually I can't remember the exact address but yeah okay well we don't want to give and

00:22:21.240 it's a big and Paul gra is big horse uh horse area yeah so uh where I live I mean I just live in a regular

00:22:26.440 subdivision house you know an older subdivision from in the '70s and then a couple spots behind me is where they held the PanAm games and it's the Paul

00:22:33.279 grave Equestrian Center yeah yeah um which is um I wonder this is not the PA this looks like a private um Arena yeah

00:22:40.640 it's it is a private Arena yeah yeah yeah my where I live there's a public Arena actually just Paul gra is a nice

00:22:46.080 little town it's got a little General Store uh a little Pharmacy it's got a the church was

00:22:52.279 converted the church was converted into a bar no way yeah so still a place of Praise yeah yeah yeah so in the

00:22:59.240 summertime a lot of motorcyclists come and there's a good parking and you know outdoor stuff drink beers on the patio that kind of stuff nice um but there's a

00:23:06.480 a big horse community so um this building I'm assuming it's an indoor riding arena so that people can continue

00:23:13.159 to practice um equestrian Sports over the winter is that what it's for y that's absolutely what it's for okay so

00:23:18.679 so fill me in where's Mac mechanical on this project um um what what did you guys do there and so you know it's got

00:23:25.520 the so Arenas typically very cold uh most Arenas and barns don't have uh

00:23:32.640 heating elements to it uh this particular one uh has got tube heaters that run across the top so a two pater

00:23:38.679 which you'd probably seen a lot of garages as well in commercial projects to keep people warm yeah yeah so there's usually a burner at the end yeah and

00:23:45.520 then it's shooting uh gas down the center yeah and then it's heating up the pipe and that pipe is radiating heat

00:23:50.679 down to heat the building and the actual physical product so like it's going to heat the inside of that structure so

00:23:56.279 that metal is going to get warm uh the ground going to get warm and then everything's going to radiate uh from that and you also guys did ventilation

00:24:03.159 in here too we did do some ventilation uh that part's a little bit trickier with the dust um but you know with the help

00:24:09.120 of the engineers and figuring how it's all going to work you get the the fans on on either side and and start to work

00:24:14.720 on how that can all come into play and and shift between summer and winter I'm pretty sure in that particular location

00:24:21.720 some of those windows are also mechanical for heat Escape in the uh in the summer months it's kind yeah we have

00:24:27.279 some of that in our Factory oh do you yeah we used to have smart technology yeah we used to have um we got to

00:24:32.760 control the air somehow and you kind of have to work with the building that you got and space you have so we we had radi

00:24:38.360 and heat like that it's um it's it's actually if anybody who's listening also

00:24:43.399 has like um a mccoa shop yeah okay I I always joke with my wife at some point

00:24:48.840 I'd like to be wealthy enough that I can buy a shop with a house attached to it that sounds like a lot of people's

00:24:54.000 dreams yes but she's not into she's not she doesn't want to bring work home just yet yeah she's like that'll be your wife

00:25:00.240 right yeah so so the the it's it's

00:25:05.480 surprisingly when I've checked into it anyway if you wanted to have let's say an oversized garage you're going to build like a there's lots of cottages

00:25:12.320 I've seen with like a a separ like a detached garage yeah right sometimes

00:25:17.360 with a coach house above it so if you have additional yeah additional accommodations that kind of stuff but

00:25:23.159 quite often it's like somebody's you know retirement thing the classic cars or whatever they're doing they're taking

00:25:28.840 that Hobby and and that's their like they've stopped working that's their next big thing yeah and quite often they

00:25:34.039 don't price um you might see a set of plans and a rough in for like a bathroom and but they don't do it right right and

00:25:40.919 you just got a big open 24 by3 Square two Overhead Doors okay and then they start working in the winter in there and

00:25:47.720 and then they're bringing in plugin heaters and oil heaters and it's surprisingly economical

00:25:53.760 can somebody call Mac mechanical and just say okay I've got this 24 by3 PE roof garage um I'm going to work in in

00:26:00.360 the winter I put a hoist in it I need some heat can you put one of these in oh yeah two two or three pictures and

00:26:06.039 you're like I can get you a quote in a heartbeat propane tank oh yeah absolutely so you can do these off a

00:26:11.840 propane tank oh for sure absolutely yeah okay and there's also a lovely gentleman from the off the top of my head I think

00:26:18.240 it was Mo propane yeah yeah yeah he's a great guy I can't think of his name out to my head but yeah met him at

00:26:23.679 the msca Builder Association a few times yeah really down to earth guy um he was talking about like like he's like I

00:26:28.960 don't I don't care if your shop is like on the top of a rock mountain we got a truck that'll make it up there pump a

00:26:34.440 hose that'll get there fill your proam those guys are the experts in terms of the yeah those really tight spots and

00:26:40.120 and they can just make it work yeah yeah you'd be surprised um even where I am uh I've seen barges go by with a propane

00:26:46.840 truck on it yeah that's a that's a costly Venture but it works out it's got a big huge thousand pounder fill it up

00:26:52.600 once a year off to the races okay so so if you put a radiant heat like this across the top what what how you would

00:26:59.960 happen to know like how far below the ceiling you need to be cuz you don't want to fry the drywall in the ceiling yeah so and that's that's where you kind

00:27:06.679 of figure out where it's going to go so you know you got a higher ceiling you got that you know 12 to 18 oh run it

00:27:11.720 down the middle get the deflectors get the heat to go out to either side for the middle Andor if you know the let's

00:27:18.360 say you're you're in a box and the Shop's on this side oh okay well we'll run it on on the far side so and have

00:27:23.679 the heat kind of come down or how close are you are to the the cars if you're in cars so you just change where it's going

00:27:30.159 to sit to make sure it's going to work I didn't think about that you got to the the cars also need to be protected yeah

00:27:36.399 cuz if it's too close like you know you don't want to have that intense heat on a car that close like so uh R GM Paul uh

00:27:43.039 he's got a radiant tube heater in in his uh garage he's got a three Bay garage and it just sits kind of almost down the

00:27:49.399 middle of the first Bay and it deflects to the outside where his benches got and then he's got cars and stuff on the

00:27:54.559 other side he works on he's a a a hobby uh mechanic and small and kind of repair does all the toys and stuff he's got his

00:28:00.640 own little kind of side thing that he does just for kicks and that's how he's got it set up so it still gets heat but

00:28:05.880 the majority of it is deflected towards one side yeah man I wish I I mean right now I I have a classic truck a 77 pickup

00:28:12.279 truck it doesn't fit I got a my house is pretty old doesn't fit in the garage so we got it nosed into the garage with the

00:28:19.039 tail ass end hanging out on the driveway yeah and and I put Styrofoam around the

00:28:25.039 sides of the truck to like stop the wind from blowing in yeah um it would be so much nicer if I had one of these I just

00:28:30.720 don't have the ceiling height for it right it's only N9 feet tall right right but most places they building brand new

00:28:35.880 just I would encourage anybody who's currently in the design stages um to consider um even if they're not going to

00:28:42.440 do it right away to consider the heating and ventilation you know absolutely everybody's every you know turning them

00:28:47.960 into the garage uh is is turning into the workout rooms A lot of the time yeah um like there's all these secondary

00:28:54.679 options for garages that we never there we're making our home H into these you know elaborate Recreation hobbyist

00:29:02.760 scenarios so like yeah absolutely that's exactly what you should people want to kind of some you know want to spend more time at home or have in the last couple

00:29:09.159 years yeah okay so um let's let's dive right into the the the really nice the

00:29:15.159 the nice Cottages the best Cottages that you see and the the top gc's you know in

00:29:20.559 the in the mscok area what kind of work in one of those you know big Cottages

00:29:25.880 are you normally doing just run through it like like you're pitching a customer yeah for sure so you know what uh for

00:29:31.799 some of these larger Cottages where they just want to have the amenities they they have always kind of dreamt of so

00:29:38.799 you know you're thinking like oh I wish I had this you know you're starting out with heated floors absolutely you got a

00:29:45.200 heat a basement pad because once you're heating the actual like contents of the building it's going to then you're just

00:29:51.240 maintaining that heat um with that you're getting you know you can have heated walkways so like that walkway out

00:29:57.559 to the hot tub out to the pool uh that walkway out to the out to the cars how do you heat a pot like if let's say you

00:30:03.960 got your hot tub is like a um Cedar Barrel hot tub and it's 20 ft away from the main building yeah so what do you

00:30:11.000 heat it with so before the concrete goes down or before your steps are going down you're running a hydronic line

00:30:17.480 under underneath uh and it's a it's a it's a bigger line you'd have in your house it's it's spec for a snowmelt and

00:30:23.799 it's done in a separate line typically um and then you can turn that on so it's heated so it's a it's a snow melt so

00:30:30.960 like not truly heated but you're not going to have snow build up and it's going to stay warmer and not freeze is a glycol it's glycol absolutely you got to

00:30:37.640 have if if you're in a spot especially the mokas unless you have that backup generator on your house you're in glycol

00:30:43.760 country like okay so all the time just so any anybody who's listening you know

00:30:49.200 glycol is a it's a non non-compressible fluid yeah it's very similar to I mean it's the main component of antifreeze

00:30:55.720 you'd have in a car yeah um and uh um it's it recirculates so you're not

00:31:02.000 coming off the well or no water no it's a closed loop system just going yeah it's going in a big circle and it's just

00:31:07.760 maintaining so if something power does go out you're not going to you know crack a line and then all of a sudden

00:31:13.080 you're into a big problem and you know redoing a lot of work that's already been done so you know you've got that so

00:31:18.559 you can have your heated floors and all that stuff people are loving the heated bathroom floors that's a big one you want to walk into the bathroom your bare

00:31:24.840 feet and have that nice warmth on your on your feet so you're doing uh a lot of the hydronics on first and second floors

00:31:30.919 some people do all the floors um and then you're moving air so you're setting duck work throughout the house because

00:31:36.679 houses are becoming so tight you're also doing like hrvs or ervs so like there's

00:31:42.639 there's so much that's going into the Comfort uh and uh health of a home so

00:31:48.600 I'm I'm guessing that there's um these days there's systems you can put in a

00:31:54.639 reasonably sized Cottage let's say if somebody's knocking down a 1, 1500t or 2,000t old building to putting up a new

00:32:01.120 C can to be 44500 ft it's going to sleep like 12 to 16 people yeah right it's a hotel small

00:32:07.639 hotel yeah small yeah okay uh people are not going smaller in Moka at this point

00:32:13.080 not so much no okay so so um I think there's this you know uh uh idea that

00:32:19.600 there should be an app on their phone if they want to fire up the heat in certain rooms they can do that on the drive up

00:32:25.000 from Toronto they can pull up their is that is that yeah you you're going from simple stuff where it's like you know

00:32:31.360 and you can get this in your own house uh or even on all these deckless split systems they've all got something that's attaching into it that's connecting to

00:32:37.760 the Wi-Fi where you're like okay I'm not going to use the heat in in the house during this time or I'm leaving dial it

00:32:44.679 down okay we're going up we're going to be there in about two hours give or take so top of the morning you get there you dial it up so it can kindly have a slow

00:32:51.519 ramp up as you're getting ready but you can control almost anything by your phone and heck like some of the uh the

00:32:56.960 work that goes into connect contig all these systems like cameras water Hydro

00:33:02.720 like all this stuff you can get on your phone just with everything being wired properly yeah there's some well what I've noticed is there's a couple of

00:33:08.720 great uh in fact I met the guys in Port Carling there's there's some really good home automation companies do they can

00:33:15.159 they tie into the mechanical that you guys do absolutely and that's a great part that we were talking about before where you're when you're talking to the

00:33:20.840 GC you're doing your planning like let's talk about your wish list so when we get down the line everything is set up properly cuz it's hard to kind of

00:33:27.279 retrofit make sure like certain controls and modules need to work together with the person that's doing the automation

00:33:33.440 so you get the right wires and you're setting the right information back and forth gotcha so so that that dream is

00:33:39.559 now real somebody can they can go on their cameras they can see how much snow there is yeah then they can decide that

00:33:45.679 they're going to be there in 3 hours they can turn on the heat in advance absolutely um and you know they they can

00:33:51.320 you know when they pull up they can make sure that the lights are on so they can make it down you know to to the to the garage and if they want to they can turn

00:33:57.960 on the hydronics to the hot tub prob turn on the hot or heat up the hot tub probably yeah I I don't see why not it's

00:34:04.120 like it can all be integrated it's just a matter how far you want to take it okay this might be a loaded question but

00:34:09.159 in does does any of this automation work in favor of somebody's wallet oh yeah

00:34:14.760 absolutely it depends on where you want to be and and what kind of automation you want to do but 100% uh we just did a

00:34:21.079 uh an air to water heat pump out in the Callingwood area um so that the pool that runs all year long it's it's kind

00:34:27.800 of dant right now what does that mean air to water air to water so it's a heat pump that is taking uh any heat that is

00:34:33.679 in the air and then it's transferring that heat into a glycol system that's going to then heat exchange with the

00:34:40.359 water of the pool so it's taking uh that air and that heat from the uh heat pump

00:34:45.839 and it's transferring it to the water so air to water air to water air to water yeah well you're talking hot air in the

00:34:51.480 house or like no I'm talking about outside air outside outside air it's getting any heat it can from the outside air it's also getting heat from the unit

00:34:58.880 uh and then transferring that in and vice versa it can cool the water if it needs to depending on the unit you have and

00:35:05.240 and so the air is heating the water so this cross is it so it sounds to me like there also cross over with Mac

00:35:10.560 mechanical and the pool yes not as much uh we're not pool guys but we are

00:35:15.640 heating guys in that aspect Heating and Cooling guys for water so we we can absolutely get into that we do we're

00:35:21.200 doing more and more of it these days gotcha yeah and you're probably coordinating with the pool guys who are constru absolutely yeah it's you know

00:35:27.079 all about finding the the right partners and making sure to support each other and and figure out the best way to solve the the issues for the client okay well

00:35:34.079 in in my own personal experience I anybody who's watching again I would suggest looking up there's a company called can hot tubs okay to base out a

00:35:41.680 Kitchener okay and they make Cedar Barrel hot tub kits I love it they're just beautiful to look at that's what I

00:35:48.119 want from my house Cedar Barrel yeah yeah and they have gorgeous they differentiate themselves a little bit by

00:35:53.400 using a uh you can go gas with a spa pack or you can go electrical with a spa pack got depending on the the the

00:36:01.040 application um but they put they have a really good liner system so so you get a cedar Barrel on the outside that

00:36:07.640 beautiful look of Cedar you Cedar deck and stuff and then it's it's a a um like

00:36:12.839 a vinyl liner that has has like a stone print on it oh neat okay yeah and it's very reasonable and and I and you know

00:36:20.720 it's about 10 grand for everything or it was a couple years ago they're also at

00:36:25.920 the the cottage life show oh I'm going have to check them out yeah check them out I would talk to them uh about uh their their um uh their systems and see

00:36:33.640 if there's coordination or oh absolutely well in this day and age so if you're on propane or G like natural gas like

00:36:39.319 moving to Integrated Systems and working together uh to save that back pocket and using the automation to support that

00:36:45.960 it's great like that's why not why not save yourself some money excellent yeah okay I think uh unless there's something

00:36:52.560 that you want to anything else you want to discuss I mean uh um I mean we could go one thing we have talked about

00:36:58.160 actually we've talked about high-end Cottages what about just simple mechanical work in Barry is that something you guys like that's our bread

00:37:05.680 and butter right we've got 30 years of customers and just you know we're getting into second and third furnaces as some homes so just you know getting

00:37:12.440 in there trying to get people to do regular maintenance so they're not being hit with big bills if we can avoid it

00:37:17.920 that's the the main State we're trying to get to is real customer care so that

00:37:23.079 people uh know what's coming on they know what the economics are going to be so Mac Mechanicals available to landlords who own rental

00:37:30.440 properties do you guys do contracts for like uh apartment buildings and stuff like that absolutely yeah full service

00:37:36.520 contracts full service team really great depth uh in our team and years and years of experience so we're quite lucky that

00:37:43.400 way and ab yeah we're taking care of all that excellent yeah okay um uh thank you

00:37:48.520 very much for for uh being down here today oh it's my pleasure um I think if uh if any homeowners Cottage owners are

00:37:55.280 watching this they've made it to this point they they really want the information I hope so um but but they're

00:38:01.040 only going to be able to you know my questions are only as good as you know uh my creativity they might have an

00:38:06.880 actual project that they want to Breeze by you so if you want to wing it off again website phone number email you got

00:38:13.640 it so uh website is macm mechanical.com uh you can reach me at 705 8281 1280 uh

00:38:23.040 it's right in myself so happy to help you out that way and the email address is Alex M atmack mechanical.com awesome

00:38:30.359 okay thank you very much Alex thank you Mike thanks for out yeah no okay kale I think we're ready for WP thank you very

00:38:36.319 much for watching the lake effect podcast coming to you from downtown Barry at the sandbox uh we're serving Barry and Moka and we'll see you on the

00:38:42.560 next episode [Music]