

# PROJEKTI I AJRIT TE KONDICIONUAR

## SISTEMI VRF

**Objekti** : SHKOLLA 9 -VJECARE NDRE MJEDA RIKONSTRUKSION + SHTESE

**Investitor** : Bashkia Shkoder

**Vendodhja** : Shkoder

**Projektoi:**

Ing.Ermir Gjoka

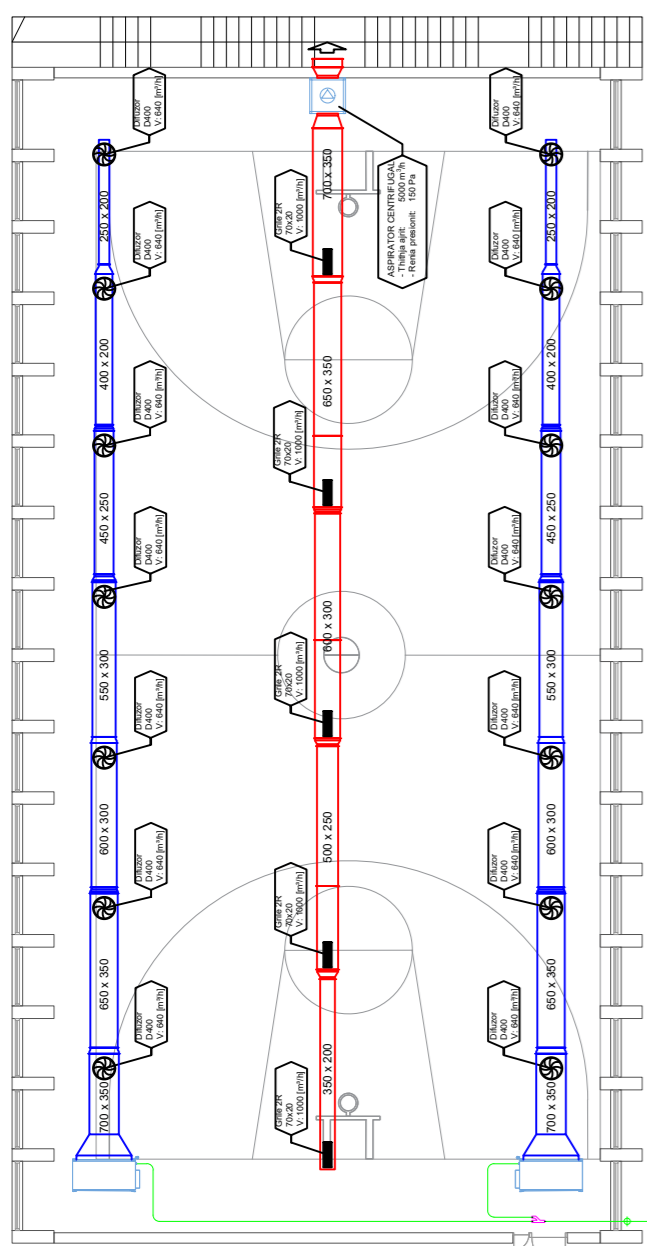
M.1174/2

Ing.Erjon Alimani

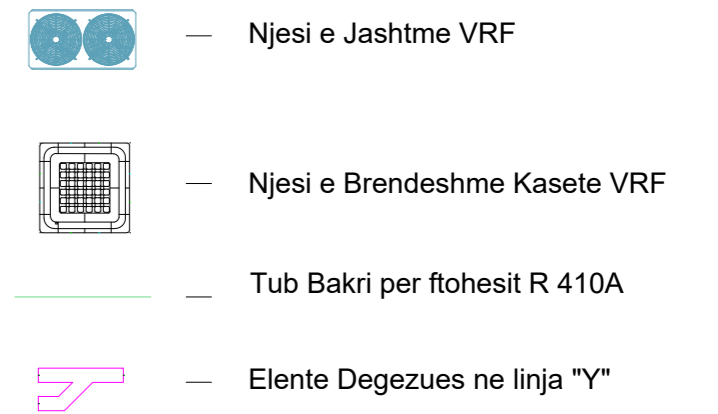
M.1248/3

*Tel: +355 68 206 6656*

# PLANI I KATIT PERDHE - DIMENSIONIMI I TUBAVE TE BAKRIT



Floor	Room Name	Area (m <sup>2</sup> )	Required Capacity		Indoor Unit			Nominal Capacity				Total Nominal Capacity				Outdoor Unit				
			Cooling (kW)	Heating (kW)	Cooling		Heating		Cooling		Heating		Cooling		Heating		Cooling (kW)	Heating (kW)	Cooling (%)	Heating (%)
					TC (kW)	SHC (kcal/h)	TC (kW)	SHC (kcal/h)	TC (kW)	SHC (kcal/h)	TC (kW)	SHC (kcal/h)	TC (kW)	SHC (kcal/h)	TC (kW)	SHC (kcal/h)				
IF	00-09	37.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-12	37.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-13	39.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-14	44.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-15	44.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-16	44.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-01	11.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-02	11.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-03	12.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-04	13.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-05	22.95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-06	93.75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-07	37.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-08	37.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-10	37.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-11	37.83	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IF	00-17	384.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

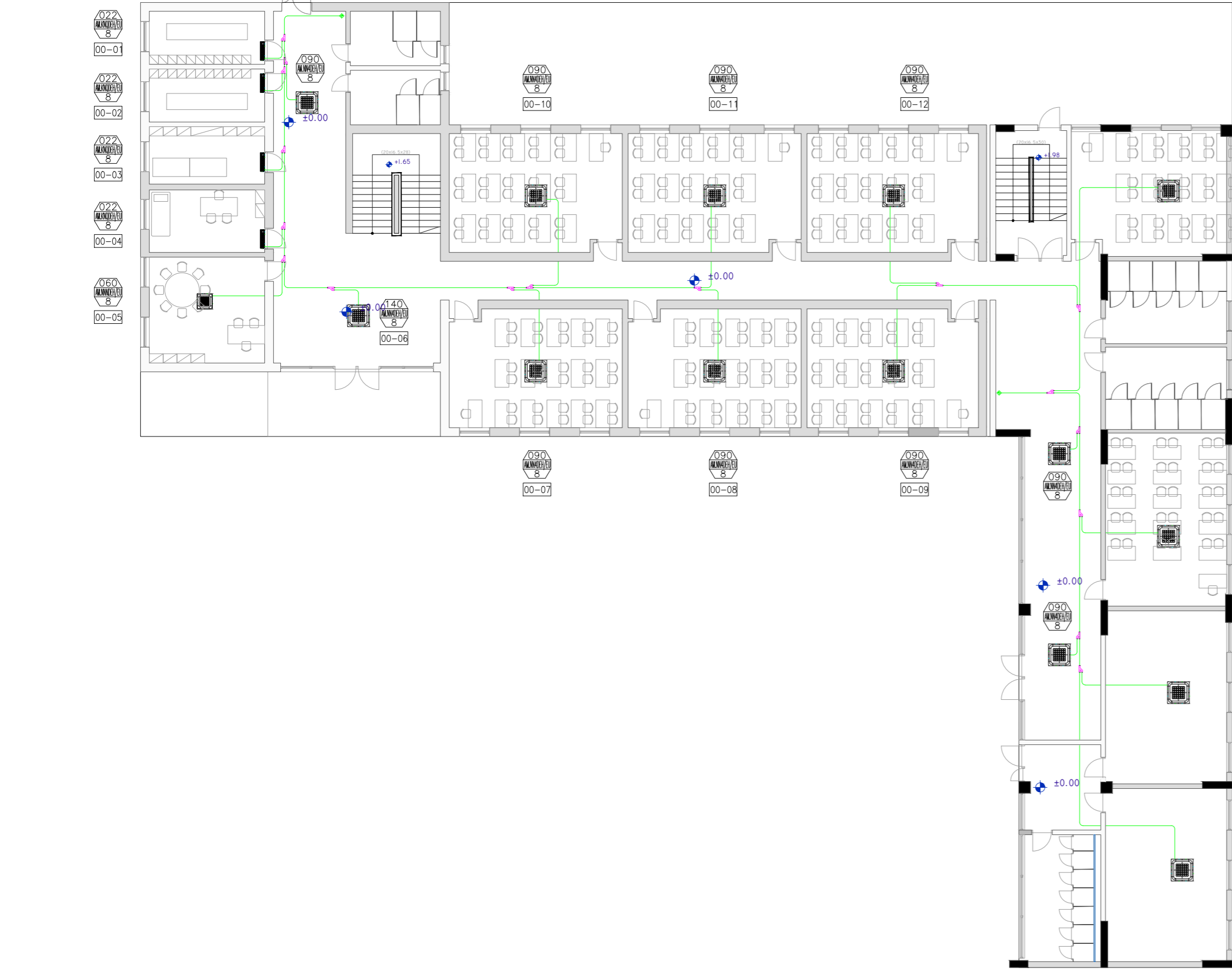


**SHENIM:**

- Tubat e bakrit duhet te saldohen me elektroda argjendi si dhe ne pranine e AZOTIT
- Bashkimi i tubave ndermjet njeri-tjetrit te realizohet me manikota ose me pajisje zgjeruese, NE ASNJE MOMET ME NXEHJE TE TUBIT DHE ME MJETE RRETANORE
- Testimi i tubacioneve te bakrit pas saldimit te behet me azot te presuar jo me pak se 30 bar per nje kohe jo me pak se 24 ore
- Tubat e Bakrit duhet te termoizolohen me armaflex me trashesi jo me pak se 19 mm
- Fiksimi i tubave te bakrit ne tavan duhet te realizohet ne distancen jo me shum se 200 cm
- Bashkimi i pjeseve te termoizolimit te ndermjet njeritjetrit te realizohet me mastich si dhe te mbeshtillen me alumin adeziv
- Lidhja e tubave te bakrit me pajisjet te realizohet ne perputhshmeri te plote me katalogun udhезues te pajisjeve.
- Fiksimi i pajisjes ne tavan te te realizohet ne perputhshmeri te plote me katalogun udhезues te pajisjeve.
- Tubat e shkakimit te kondensatit te lidhen me tubin e pompes se pajisjes.

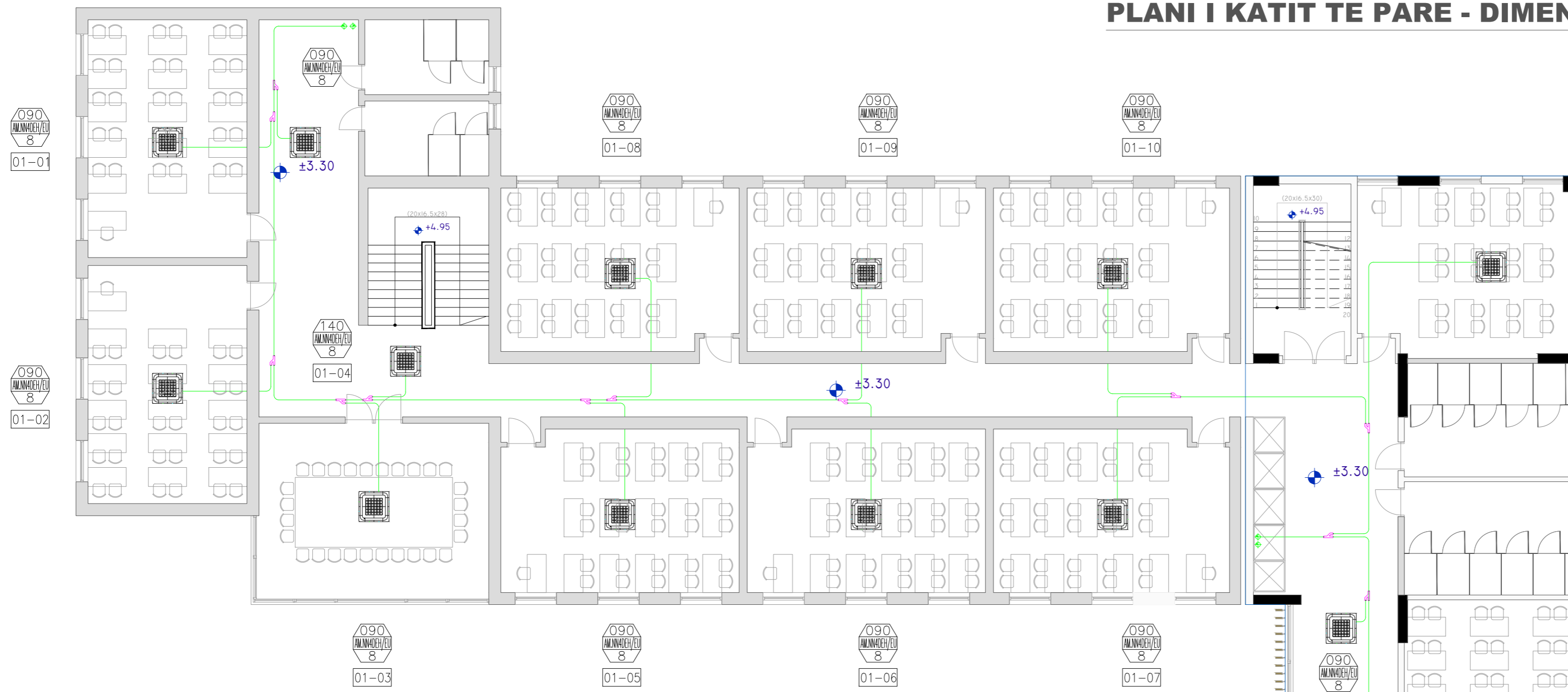
**KUJDES!**

**DIMENSIONIMI I LINJAVE TE TUBACIONEVE NE PROJEKT ESHTË BERE PER TE LLOGARTIRU PREVENTIVIN. KONTRAKTORI ESHTË I DETYRUAR QE PARA SE TE FILLOJE ZBATIMIN E PUNIMEVE TE BEJE RILLOGARITJEN E TUBACIONEVE NE FUNKSION TE MARKES SE PAJISJEVE QE DO TE FURNIZOJE.**



Emërtimi i Projektit :		<b>SHKOLLA 9 -VJECARE NDRE MJEDA RIKONSTRUKSION +SHTESE</b>		
Projektues :	Faza : PROJEKT ZBATIMI	Emërtimi i Fletës :	Kapitulli :	INSTALIMET MEKANIKE
iEA (Inteligent Energy Aplication) Adresa: Rr. "Teodor Keka", Pajisje Mekanike, 0103, K.L. Tirane, Albania Email: e-gjoka@iea.al Ing. Ermir GJOKA Nr. Lic. : M.1174/2	SISTEMI I AJRIT TE KONDICIONUAR Dimensionimi i Tubave te Bakrit Plani i Kati Perdhe		Nr. i Fletës :	iM-NVAK VRF-01
	Shkalla e Vizatimit : Sh 1:180	Formati i Vizatimit : A2	Data :	TIRANË - 2024

PLANI I KATIT TE PARE - DIMENSIONIMI I TUBAVE TE BAKRIT



- Njesi e Jashtme VRF
- Njesi e Brendeshme Kasete VRF
- Tub Bakri per ftohesis R 410A
- Elente Degezues ne linja "Y"

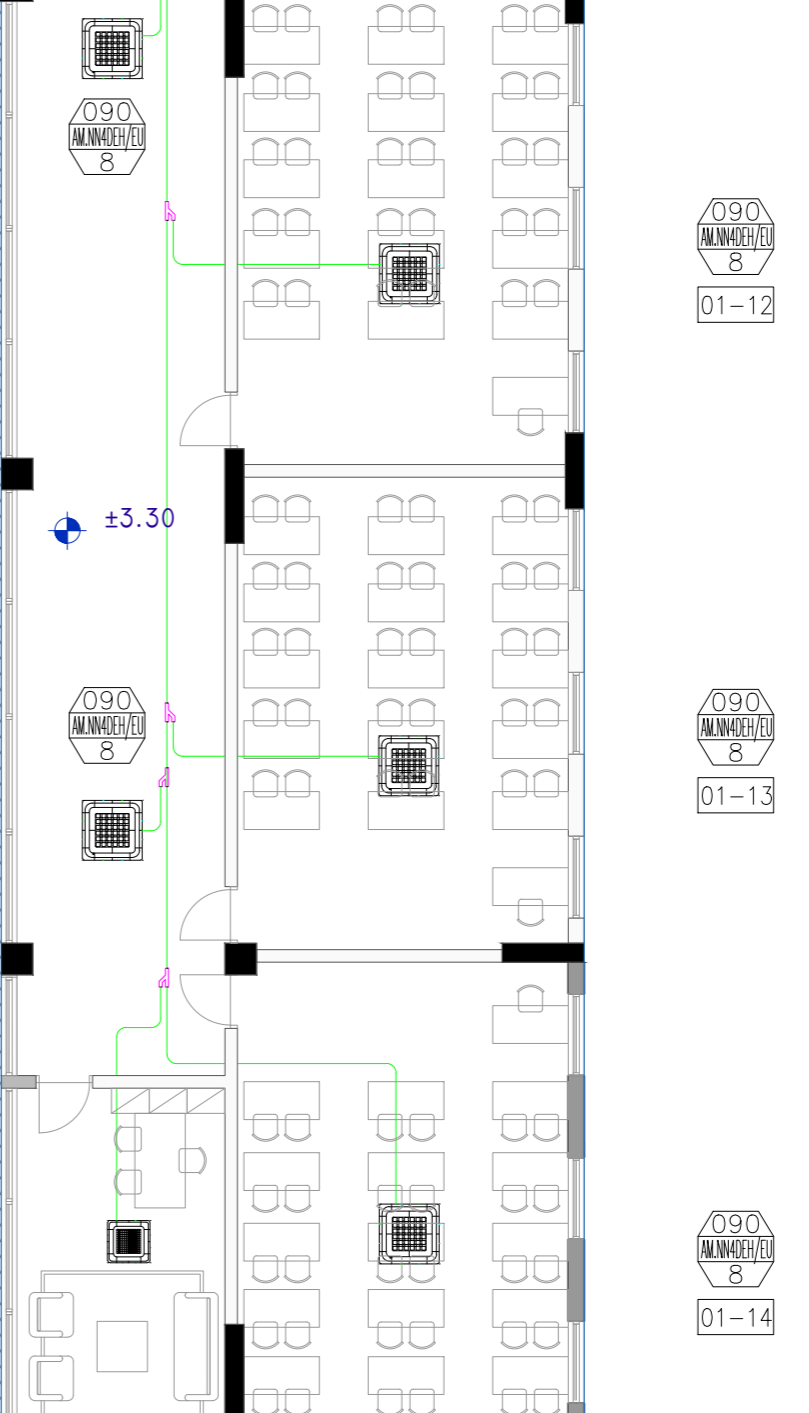
**SHENIM:**

- Tubat e bakrit duhet te saldohen me elektroda argjendi si dhe ne pranine e AZOTIT
- Bashkimi i tubave te bakrit ne tavan duhet te realizohet me manikota ose me pajisje zgjeruese, NE ASNJE MOMET ME NXEHJE TE TUBIT DHE ME MJETE RRETANORE
- Testimi i tubacioneve te bakrit pas saldimit te behet me azot te presuar jo me pask se 30 bar per nje kohe jo me pak se 24 ore
- Tubat e Bakrit duhet te termoizolohen me armaflex me trashesi jo me pak se 19 mm
- Fiksimi i tubave te bakrit ne tavan duhet te realizohet ne distancan jo me shum se 200 cm
- Bashkimi i pjeseve te termoizolimit te ndermjet njeritjetrit te realizohet me mastic si dhe te mbeshillem me alumin adeziv
- Lidhja e tubave te bakrit me pajisjet te realizohet ne perputhshmeri te plote me katalogun udhezues te pajisjeve.
- Fiksimi i pajisjes ne tavan te realizohet ne perputhshmeri te plote me katalogun udhezues te pajisjeve.
- Tubat e shkarkimit te kondesatit te lidhen me tubin e pompes se pajisjes.

**KUJDES!**

***DIMENSIONIMI I LINJAVE TE TUBACIONEVE NE PROJEKT ESHTJE BERE PER TE LLOGARTIRU PREVENTIVIN. KONTRAKTORI ESHTJE I DETYRUAR QE PARA SE TE FILLOJE ZBATIMIN E PUNIMEVE TE BEJE RILLOGARTJEN E TUBACIONEVE NE FUNKSION TE MARKES SE PAJISJEVE QE DO TE FURNIZOJE.***

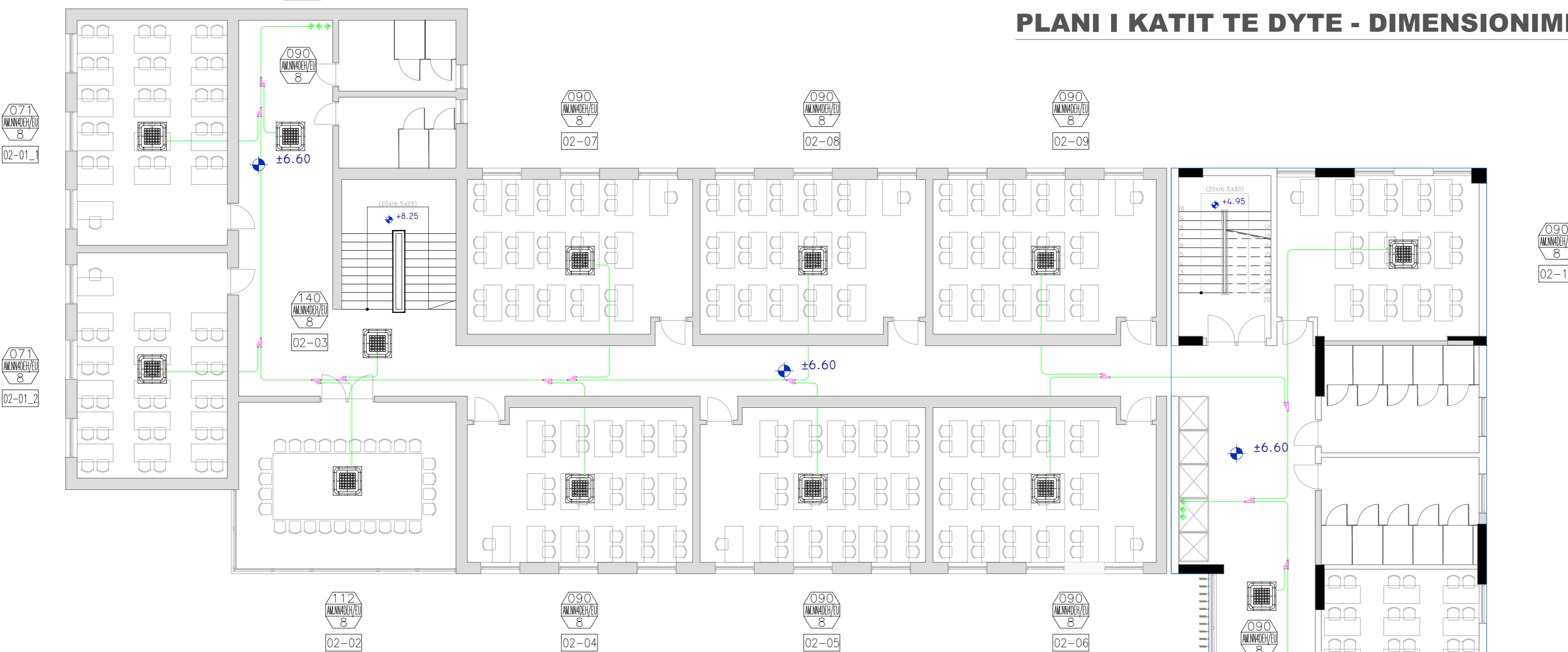
Floor	Room Name	Area (m <sup>2</sup> )	Cooling Unit (kW)	Heating Unit (kW)	Indoor Unit					Outdoor Unit																					
					Required Capacity			Model		Nominal Capacity			Total Nominal Capacity		Model		Nominal Capacity/Simulation Capacity (Chiller)														
					TC (kW)	SHC (kW)	Heating TC (kW)	Model Type	Model Name	Qty (EA)	TC (kW)	SHC (kW)	Heating TC (kW)	Model Type	Model Name	Qty (EA)	Cooling TC (kW)	Heating TC (kW)	Cooling (%)	Heating (%)											
4F	03-01	38.85	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090NN4DEHEU	1	9.00	7.740	6.30	5.420	10.00	8.600	9.00	7.740	10.00	8.600	-	-	-	-	-	-	-	-	-	
1F	00-01	11.5	-	-	-	-	-	-	Borascay	AM022ZNDZHEHEU	1	2.20	1.980	1.50	1.290	2.50	2.150	2.20	1.980	2.50	2.150	67.20	57.780	75.60	65.000	92.26	91.53	-	-	-	-



Emërtimi i Projektit :		<b>SHKOLLA 9 -VJECARE NDRE MJEDA RIKONSTRUKSION +SHTESE</b>			
Projektues :	Faza : PROJEKT ZBATIMI	Emërtimi i Fletës :		Kapitulli :	<b>INSTALIMET MEKANIKE</b>
	iEA (Intelligent Energy Application) Adresa: Rr. "Teodor Keko", Pajisje Mekanike, Orit 3, K-2 Tirana, Albania Email: e-gea@iea.al Tel. +355 69 20 66 008	SISTEMI I AJRIT TE KONDICIONUAR Dimensionimi i Tubave te Bakrit Plani i Kati te Pate		Nr. i Fletës :	<b>iM-NVAK VRF-02</b>
Ing.Emir GJOKA Nr.Liq. : M.1174/2		Shkalla e Vizatimit : Sh 1:120		Formati i Vizatimit : A2	Data : <b>TIRANË - 2024</b>



# PLANI I KATIT TE DYTE - DIMENSIONIMI I TUBAVE TE BAKRIT



- Njesi e Jashtme VRF
- Njesi e Brendeshme Kasete VRF
- Tub Bakri per ftohesit R 410A
- Elente Degezues ne linja "Y"

## SHENIM:

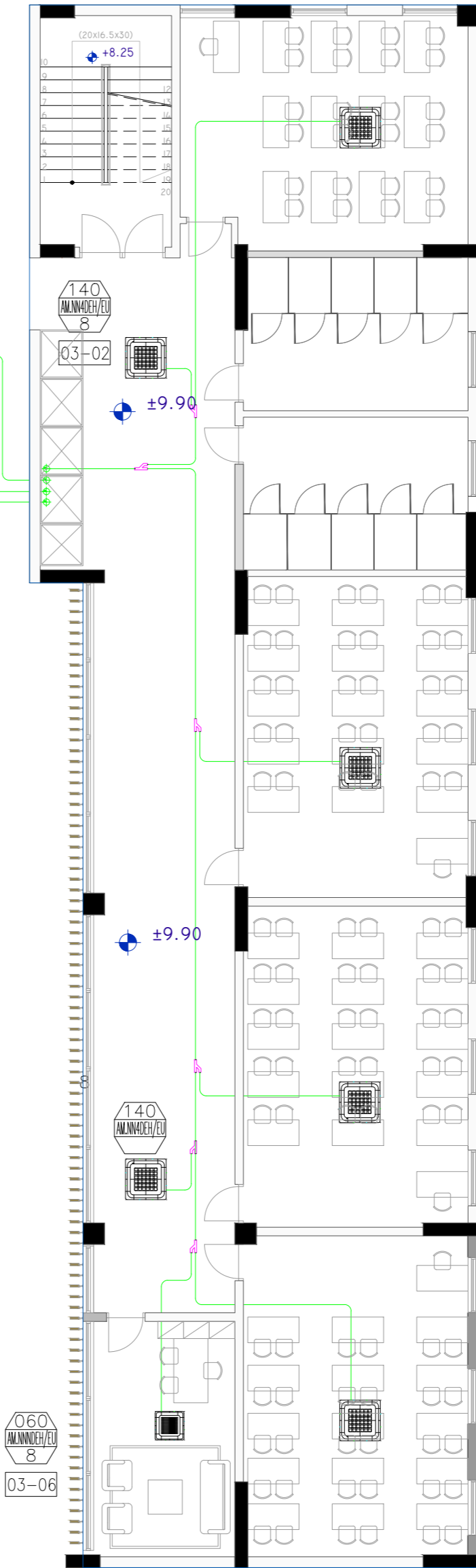
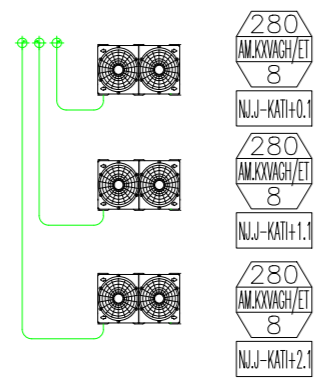
- Tubat e bakrit duhet te saldohen me elektroda argjendi si dhe ne pranine e AZOTIT
- Bashkimi i tubave te bakrit ne tavan duhet te realizohet me manikota ose me pajisje zgjeruese, NE ASNJE MOMET ME NXEHJE TE TUBIT DHE ME MJETE RRETANORE
- Testimi i tubacioneve te bakrit pas salditimit te behet me azot te presuar jo me pask se 30 bar per nje kohe jo me pak se 24 ore
- Tubat e Bakrit duhet te termoizolohen me armaflex me trashesi jo me pak se 19 mm
- Fiksimi i tubave te bakrit ne tavan duhet te realizohet ne distancen jo me shum se 200 cm
- Bashkimi i pjeseve te termoizolimit te ndermjet njeritjetrit te realizohet me mastich si dhe te mbeshillem me alumin adeziv
- Lidhja e tubave te bakrit me pajisjet te realizohet ne perputhshmeri te plote me katalogun udhezues te pajisjeve.
- Fiksimi i pajisjes ne tavan te realizohet ne perputhshmeri te plote me katalogun udhezues te pajisjeve.
- Tubat e shkarkimit te kondesatit te lidhen me tubin e pompes se pajisjes.

## KUJDES!

**DIMENSIONIMI I LINJAVE TE TUBACIONEVE NE PROJEKT ESHTË BERE PER TE LLOGARTIRU PREVENTIVIN. KONTRAKTORI ESHTË I DETYRUAR QE PARA SE TE FILLOJE ZBATIMIN E PUNIMEVE TE BEJE RILLOGARITJEN E TUBACIONEVE NE FUNKSION TE MARKES SE PAJISJEVE QE DO TE FURNIZOJE.**

Room		Indoor Unit										Outdoor Unit																						
Floor	Room Name	Area (m <sup>2</sup> )	Cooling Load (kW)	Heating Load (kW)	Required Capacity						Model		Nominal Capacity					Total Nominal Capacity					Outdoor Unit											
					TC (kW)	Cooling (kcal/h)		SHC (kcal/h)		Heating (kW)	TC (kcal/h)	Model Type	Model Name	Qty	EA	Cooling		Heating			Model Type	Model Name	Qty	EA	Cooling		Heating							
						TC (kW)	SHC (kcal/h)	SHC (kcal/h)	SHC (kcal/h)							TC (kW)	TC (kcal/h)	SHC (kcal/h)	SHC (kcal/h)	SHC (kcal/h)					SHC (kcal/h)	SHC (kcal/h)	SHC (kcal/h)	SHC (kcal/h)						
4F	03-01	38.85	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	03-02	94.13	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM140N4DEHEU	1	14.00	12,040	9.60	8,250	16.00	13,760	14.00	12,040	16.00	13,760	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	03-03	44.25	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	03-04	44.52	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	03-05	44.33	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
5F	02-06	37.5	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	02-09	37.5	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	02-10	38.37	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	02-11	44.24	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	02-12	44.52	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	02-13	44.33	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	02-14	19.11	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	02-15	19.11	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	3F	02-01	76.2	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM071N4DEHEU	2	7.10	6,100	5.00	4,300	9.00	6,980	7.10	6,100	9.00	6,980	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51
		02-02	40.56	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51
02-03		93.75	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM140N4DEHEU	1	14.00	12,040	9.60	8,250	16.00	13,760	14.00	12,040	16.00	13,760	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
02-04		37.83	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
02-05		37.83	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
02-07		37.83	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
02-08		37.83	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
2F		01-07	37.5	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51
	01-10	37.5	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	01-11	38.37	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	01-12	44.24	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	01-13	44.52	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	01-14	44.33	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	01-15	19.11	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	01-16	19.11	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
1F	00-01	37.45	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	00-02	37.5	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	00-03	40.56	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	00-04	93.75	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM140N4DEHEU	1	14.00	12,040	9.60	8,250	16.00	13,760	14.00	12,040	16.00	13,760	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	00-05	37.83	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7,740	6.30	5,420	10.00	8,600	9.00	7,740	10.00	8,600	DIM (SNEW)	AM220KVAGHET	1	61.8	52,870	88.3	59,590	97.96	97.51	
	00-06	37.83	-	-	-	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM090N4DEHEU	1	9.00	7																		

# PLANI I KATIT TE TRETE DHE TARACES - DIMENSIONIMI I TUBAVE TE BAKRIT



- Njesi e Jashtme VRF
- Njesi e Brendeshme Kasete VRF
- Tub Bakri per ftohesis R 410A
- Elente Degezues ne linja "Y"

### SHENIM:

- Tubat e bakrit duhet te saldohen me elektroda argjendi si dhe ne pranine e AZOTIT
- Bashkimi i tubave ndermjet njeri-tjetrit te realizohet me manikota ose me pajisje zgjeruese, NE ASNJE MOMET ME NXEHJE TE TUBIT DHE ME MJETE RRETANORE
- Testimi i tubacioneve te bakrit pas salditimit te behet me azot te presuar jo me pak se 30 bar per nje kohe jo me pak se 24 ore
- Tubat e Bakrit duhet te termoizolohen me amaflex me trashesi jo me pak se 19 mm
- Fiksimi i tubave te bakrit ne tavan duhet te realizohet ne distancen jo me shum se 200 cm
- Bashkimi i pjeseve te termoizolimit te ndermjet njeritjetrit te realizohet me mastich si dhe te mbeshillem me alumin adeziv
- Lidhja e tubave te bakrit me pajisjet te realizohet ne perputhshmeri te plote me katalogun udhezues te pajisjeve.
- Fiksimi i pajisjes ne tavan te realizohet ne perputhshmeri te plote me katalogun udhezues te pajisjeve.
- Tubat e shkarkimit te kondesatit te lidhen me tubin e pompes se pajisjes.

### KUJDES!

**DIMENSIONIMI I LINJAVE TE TUBACIONEVE NE PROJEKT ESHTJE BERE PER TE LLOGARTIRU PREVENTIVIN. KONTRAKTORI ESHTJE I DETYRUAR QE PARA SE TE FILLOJE ZBATIMIN E PUNIMEVE TE BEJE RILLOGARTJEN E TUBACIONEVE NE FUNKSION TE MARKES SE PAJISJEVE QE DO TE FURNIZOJE.**

Outdoor Unit			Indoor Unit											Outdoor Unit													
Designation	Qty	Type	Model	Cooling Capacity		Heating Capacity		Compressor	Fan	Refrigerant	Piping Connections				Net Dimension (mm)	Weight (kg)	Crest Hgt (m)	Power Input (kW)		C.B. (A)	T.C. (mtr)	P.C. (mtr)	Power Supply (V, f, Hz)	Note			
				(kW)	(kcal/h)	(kW)	(kcal/h)				Type	Output (kW)	Type	Air Flow Rate (MM)				Liquid (mm)	Gas (mm)						Discharge Gas (mm)	Oil Equalizing (mm)	Cooling
3	1	DIR SH/3P/2P/1P/0 Base	AM200VAGHET	61.60	52.870	69.30	59.580	SSC Scroll2	6.39x2	Propeller	290.00	R410A	15.88	25.58	-	-	1.295x1.795x765	314	44.6 (MCA)	15.75	15.86	-	63.0	0.75	-	3.4.380-415.500(ground wire)	Etc
1	1	DIR SH/3P/2P/1P/0 Base	AM400VAGHET	67.20	57.780	75.60	65.000	SSC Scroll2	6.39x2	Propeller	340.00	R410A	15.88	34.92	-	-	1.295x1.795x765	342	55.9 (MCA)	17.1	17.4	-	63.0	0.75	-	3.4.380-415.500(ground wire)	Etc
3	1	DIR SH/3P/2P/1P/0 Base	AM200VAGHET	78.80	67.580	88.20	75.840	SSC Scroll2	6.79x2	Propeller	340.00	R410A	19.05	34.92	-	-	1.295x1.795x765	300	67.9 (MCA)	20.7	20.2	-	75.0	0.75	-	3.4.380-415.500(ground wire)	Etc
	<b>Total</b>	<b>6</b>																									

Room		Required Capacity								Nominal Capacity				Total Nominal Capacity				Outdoor Unit					
Floor	Room Name	Area (m <sup>2</sup> )	Cooling kW	Heating kW	Cooling		Heating		Model Type	Model Name	Qty	Cooling		Heating		Model Type	Model Name	Qty	Nominal Capacity (Chiller)		Combination Ratio / Lead Profile (Chiller)		
					TC	SHC	TC	SHC				TC	SHC	TC	SHC				EA	TC	SHC	Cooling (%)	Heating (%)
4F	03-01	39.85	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM90NNDDEHEU	1	9.00	7.740	6.30	5.420	10.00	8.600	9.00	7.740	10.00	8.600		
	03-02	94.13	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM140NNDDEHEU	1	14.00	12.040	9.60	8.250	16.00	13.780	14.00	12.040	16.00	13.780		
	03-03	44.25	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM90NNDDEHEU	1	9.00	7.740	6.30	5.420	10.00	8.600	9.00	7.740	10.00	8.600		
	03-04	44.52	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM90NNDDEHEU	1	9.00	7.740	6.30	5.420	10.00	8.600	9.00	7.740	10.00	8.600		
	03-05	44.33	-	-	-	-	-	-	Wind-Free 4Way Cassette	AM90NNDDEHEU	1	9.00	7.740	6.30	5.420	10.00	8.600	9.00	7.740	10.00	8.600		

Emërtimi i Projektit : <b>SHKOLLA 9 -VJECARE NDRE MJEDA RIKONSTRUKSION +SHTESE</b>		Emërtimi i Fletës :		Kapitulli :		INSTALIMET MEKANIKE
Projektues :	Faza : PROJEKT ZBATIMI	Emërtimi i Fletës :		Nr. i Fletës :		iM-NVAK VRF-04
	iEA (Intelligent Energy Application) Adresa: Rr. "Enxhor Keka", 2 Tirana, Albania Email: e-gjoka@iema.com Tel: +355 69 20 06 006	Inj. Ermir GJOKA Nr. Lic. : M.1174/2		Shkalla e Vizatimit : Sh 1:120		Formati i Vizatimit : A2
Data :			TIRANË - 2024			



PLANI I TARACES - DIMENSIONIMI I TUBAVE TE BAKRIT

- Njesi e Jashtme VRF
Njesi e Brendeshme Kasete VRF
Tub Bakri per ftohesit R 410A
Elente Degezues ne linja "Y"

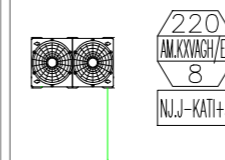


Table with 20 columns: Designation, Qty, Type, Model, Cooling Capacity (kW, kcal/h), Heating Capacity (kW, kcal/h), Compressor, Fan, Refrigerant, Piping Connections, Net Dimension (mm), Weight (kg), Gross Heat (kW), Power Input (kW), C.B (A), T.C (mm), P.C (mm), Power Supply (V, #, V, Hz), Note.

Large table with columns for Room, Model, Nominal Capacity (Cooling, Heating), Total Nominal Capacity, Outdoor Unit (Model, Qty, Cooling, Heating), and Combination Ratio / Load Profile. It details the installation plan for various rooms across multiple floors.

SHENIM:

- Tubat e bakrit duhet te saldohen me elektroda argjendi si dhe ne pranine e AZOTIT
- Bashkimi i tubave ndermjet njeri-tjetrit te realizohet me manikota ose me pajisje zgjeruese, NE ASNJE MOMET ME NXEHJE TE TUBIT DHE ME MJETE RRETANORE
- Testimi i tubacioneve te bakrit pas salditimit te behet me azot te presuar jo me pak se 30 bar per nje kohe jo me pak se 24 ore
- Tubat e Bakrit duhet te termoizolohen me armaflex me trashesi jo me pak se 19 mm
- Fiksimi i tubave te bakrit ne tavan duhet te realizohet ne distancen jo me shum se 200 cm
- Bashkimi i pjesëve te termoizolimit te ndermjet njeritjetrit te realizohet me mastiç si dhe te mbeshlillen me alumin adeziv
- Lidhja e tubave te bakrit me pajisjet te realizohet ne perputhshmeri te plote me katalogun udhezues te pajisjeve.
- Fiksimi i pajisjes ne tavan te realizohet ne perputhshmeri te plote me katalogun udhezues te pajisjes.
- Tubat e shkarkimit te kondensatit te lidhen me tubin e pompes se pajisjes.

KUJDES!

DIMENSIONIMI I LINJAVE TE TUBACIONEVE NE PROJEKT ESHTHE BERE PER TE LLOGARTIRU PREVENTIVIN. KONTRAKTORI ESHTHE I DETYRUAR QE PARA SE TE FILLOJE ZBATIMIN E PUNIMEVE TE BEJE RILLOGARITJEN E TUBACIONEVE NE FUNKSION TE MARKES SE PAJISJEVE QE DO TE FURNIZOJE.

Summary table with columns: Emërtimi i Projektit (SHKOLLA 9 -VJECARE NDRE MJEDA RIKONSTRUKSION +SHTESE), Projektuues (Faza : PROJEKT ZBATIMI), Emërtimi i Fletës, Kapitulli (INSTALIMET MEKANIKE), and other project details.