Firmato digitalmente da
oreste chiarion
CN = chiarion oreste
C = IT

COMUNE DI PADOVA

SETTORE LAVORI PUBBLICI

RISTRUTTURAZIONE EX SCUOLA MONTE GRAPPA

ASSE 6 POR FESR
OBIETTIVO OT9
AZIONE 9.5.8.

PROGETTO ESECUTIVO

RUP **Arch. Diego Giacon** Capo Settore **Ing. Emanuele Nichele** Cod. Int. Amm.ne **LLPP EDP 2020/095**	CUP **H99G19000460009** Scala **1 : 50** Data **novembre 2020**	Elaborato RELAZIONE DI CALCOLO DEL CONDIZIONAMENTO **RCC**

Progettisti
AISI srl
C.so del Popolo, 180
45100 ROVIGO
aisipec@pec.it
aisi@aisiingegneria.it
www.aisiingegneria.it

AISI Architettura Ingegneria Servizi Integrati
see Società di Ingegneria s.r.l.

Progetto architettonico: **ing. Oreste Chiarion - Direttore Tecnico**
Progetto impianti termotecnici: **p.ind. Stefano Pescante**
Progetto impianti elettrici e speciali: **p.ind. Giovanni Sgraravatto**
Coordinatore per la Sicurezza: **arch. Roberto Pellegrini**

STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

RELAZIONE TECNICA

CONDIZIONAMENTO

Indice:

Condizioni al contorno
Dettaglio ambienti
Riepilogo piani/zone/ambienti

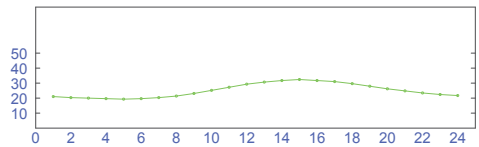
Progetto:

STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

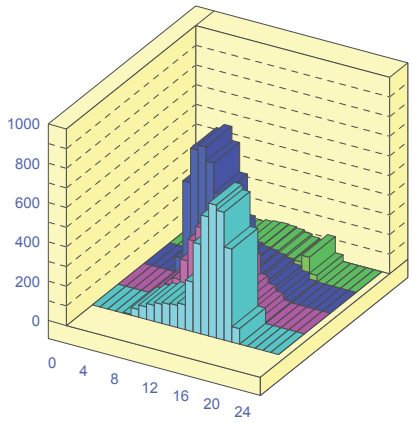
CONDIZIONI ESTERNE DI PROGETTO

Temperatura massima esterna bulbo secco	=	32.5
Escursione massima giornaliera	=	13.0
Umidità relativa esterna	=	50.0
Umidità assoluta esterna	=	13.7
Coefficiente di limpidezza atmosferico	=	1.00

TEMPERATURA ESTERNA

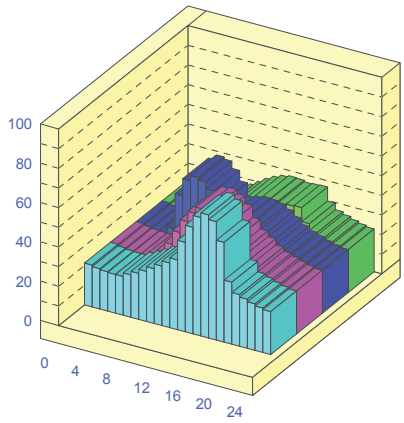


SOLAR HEAT GAIN (W/m²)



N E S W

TEMPERATURA SOLE-ARIA



PROFILO ORARIO DELLE CONDIZIONI ESTERNE DEL GIORNO 21 Luglio (ora solare)

Ora	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	temperatura esterna													
	20.4	21.6	23.3	25.2	27.4	29.5	31.1	32.1	32.5	32.1	31.2	29.8	28.1	26.4
	temperatura sole-aria in [°C]													
N	25.8	25.8	27.9	30.4	32.9	35.1	36.5	37.3	37.1	36.3	36.6	36.8	29.8	26.4
E	49.4	52.1	51.1	47.4	42.0	35.5	36.5	37.3	37.1	36.0	34.2	31.6	28.3	26.4
S	23.7	28.6	35.9	42.4	47.6	50.7	51.3	49.3	45.1	39.1	34.5	31.6	28.3	26.4
W	23.4	25.5	27.9	30.4	32.9	35.5	45.7	54.3	60.3	62.6	60.2	50.9	31.6	26.4
	apporto solare SGHF in [W/m²]													
N	83	87	97	108	114	116	114	108	97	87	83	117	35	0
E	650	678	605	456	252	126	114	108	97	82	63	39	6	0
S	68	109	212	323	399	426	399	323	212	109	68	39	6	0
W	63	82	97	108	114	126	252	456	605	678	650	475	79	0

Progetto:

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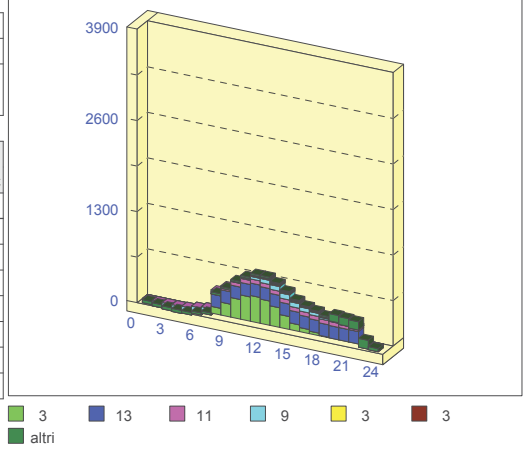
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010101	Soggiorno-cottura			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	6.90	3.25	3.00	67.3

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	W	0.24		6.90	3.00	20.70	0.60
02	P.E 137	1	S	0.24		2.70	3.00	6.18	0.60
03	S.E 234	1	S	1.50		1.20	1.60	1.92	0.39
04	PTE 708	1	S	0.14		5.60	1.00	0.00	
05	P.I 309	1	ZC	0.96		3.80	2.70	8.37	
06	S.I 400	1	ZC	1.48		0.90	2.10	1.89	
07	PAV 518	1	U2	0.23		3.25	6.90	22.43	
08	SOF 642	1	U1	0.19		3.25	6.90	22.43	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
09	0.70	33	9.2	
	Qop =	10.209	l/s pers.	

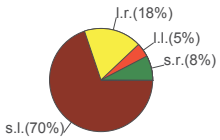
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
10	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
11	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	60 34	
12	Illuminazione a incandescenza	1 (4)	80 0	80	80 0	
13	Apparecchi audiovisivi	(1) 4	200 0	50	179 0	

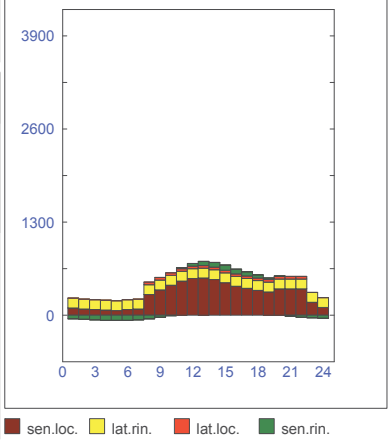
TOTALI: [W]

Carico Massimo teorico 748 **Ora 13**

Latente		Sensibile	
rinnovo	135	rinnovo	57
locale	34	locale	522
Totale	**169**	**Totale**	**579**



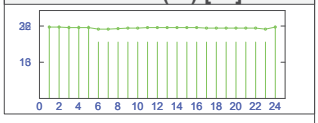
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	546 W
Differenziale termostato	=	1.0 °C
ERmax	=	547 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.5	24.8	24.8	25.1	25.2	25.3	25.4	25.5	25.5	25.5	25.5	25.4	25.3	25.3	25.2

Progetto:

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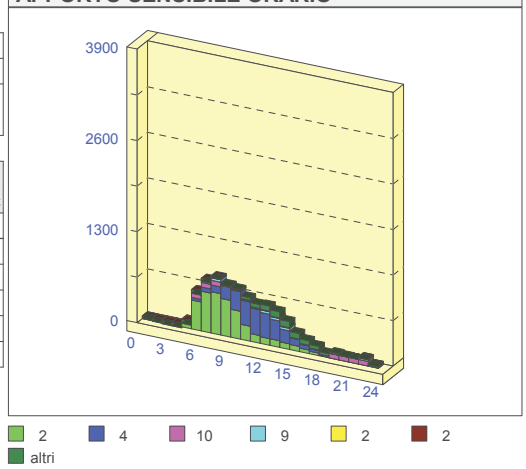
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010102	Camera			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	4.20	3.50	3.00	44.1

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	E	0.24		2.40	3.00	5.28	0.60
02	S.E 234	1	E	1.50		1.20	1.60	1.92	0.39
03	P.E 137	1	S	0.24		3.20	3.00	7.68	0.60
04	S.E 234	1	S	1.50		1.20	1.60	1.92	0.39
05	PAV 518	1	U2	0.23		3.20	4.70	15.04	
06	SOF 642	1	U1	0.19		3.20	4.70	15.04	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-N

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
07	0.50	15	4.3	
	Qop =	7.127	l/s pers.	

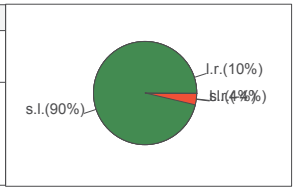
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
08	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
09	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	40 23	
10	Illuminazione a incandescenza 5W/m²	(14) 90	5 0	80	68 0	

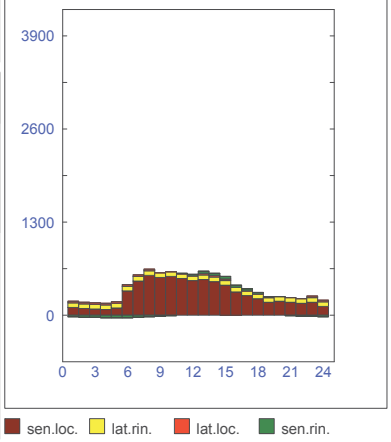
TOTALI: [W]

Carico Massimo teorico 619 **Ora 8**

Latente		Sensibile	
rinnovo	63	rinnovo	-23
locale	23	locale	556
Totale	**86**	**Totale**	**533**



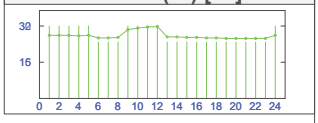
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	605 W
Differenziale termostato	=	1.0 °C
ERmax	=	818 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	26.2	25.0	25.2	25.2	28.6	29.2	29.5	29.7	25.5	25.4	25.3	25.2	25.1	25.0	25.0

Progetto:

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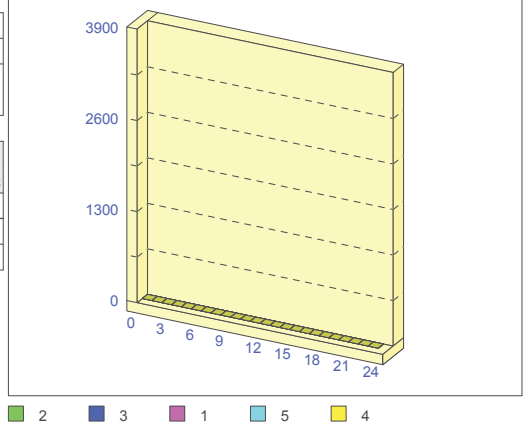
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010103	**Bagno**			
Uri = 50	q	largh	lungh	altez	volume
Ta = 25	1	2.20	1.70	3.00	11.2

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 309	1	ZC	0.96		1.60	2.70	4.32	
02	PAV 518	1	U2	0.23		1.70	2.20	3.74	
03	SOF 642	1	U1	0.19		1.70	2.20	3.74	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = NESSUN_APPORTO

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.00	0	0.0	
	Qop =	0.000	l/s pers.	

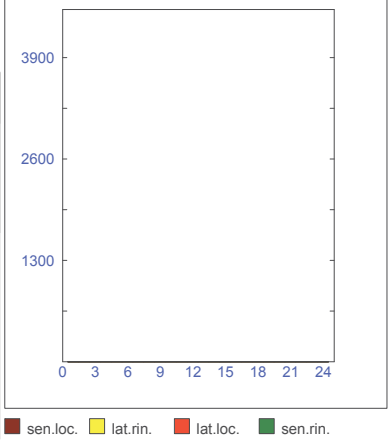
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

TOTALI: [W]

Carico Massimo teorico 0 | **Ora 1**

Latente		Sensibile	
rinnovo	0	rinnovo	0
locale	0	locale	0
Totale	**0**	**Totale**	**0**

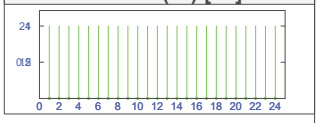
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	0 W
Differenziale termostato	=	1.0 °C
ERmax	=	0 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Progetto:

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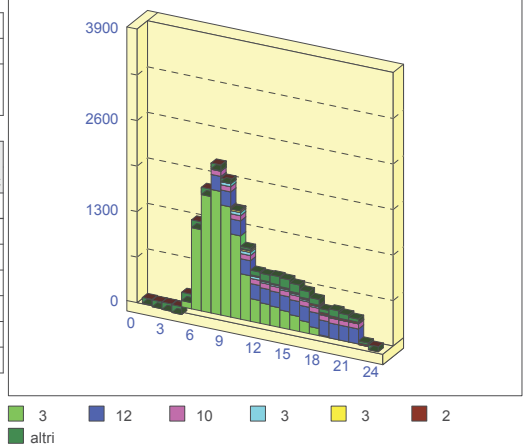
DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010201	Soggiorno-cottura			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	6.90	3.90	3.00	80.7

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	S	0.24		3.00	3.00	9.00	0.60
02	P.E 137	1	E	0.24		6.90	3.00	14.94	0.60
03	S.E 234	3	E	1.50		1.20	1.60	5.76	0.39
04	P.I 309	1	ZC	0.96		1.50	2.70	2.16	
05	S.I 400	1	ZC	1.48		0.90	2.10	1.89	
06	PAV 518	1	U2	0.23		3.90	6.90	26.91	
07	SOF 642	1	U1	0.19		3.90	6.90	26.91	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
08	0.70	40	11.0	
	Qop =	10.209	l/s pers.	

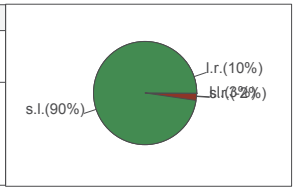
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
09	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
10	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	72 41	
11	Illuminazione a incandescenza	1 (4)	80 0	80	80 0	
12	Apparecchi audiovisivi	(1) 4	200 0	50	215 0	

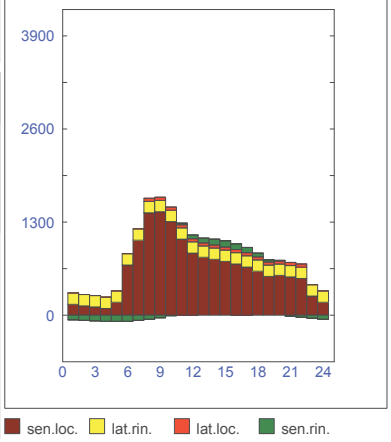
TOTALI: [W]

Carico Massimo teorico 1614 | **Ora 9**

Latente		Sensibile	
rinnovo	162	rinnovo	-37
locale	41	locale	1448
Totale	**203**	**Totale**	**1411**



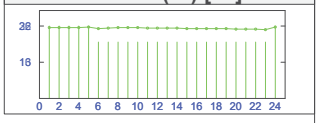
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	1372	W
Differenziale termostato	=	1.0	°C
ERmax	=	1374	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.6	25.0	25.2	25.5	25.5	25.4	25.3	25.2	25.2	25.2	25.2	25.1	25.1	25.0	25.0

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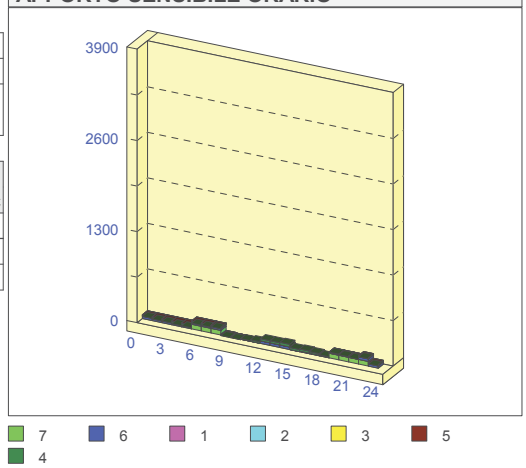
DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010202	Camera			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	4.10	3.60	3.00	44.3

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	S	0.24		3.40	3.00	10.20	0.60
02	PAV 518	1	U2	0.23		3.60	4.10	14.76	
03	SOF 642	1	U1	0.19		3.60	4.10	14.76	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-N

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.50	15	4.3	
	Qop =	7.292	l/s pers.	

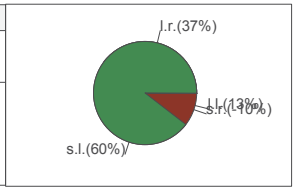
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
06	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	40 22	
07	Illuminazione a incandescenza 5W/m²	(13) 90	5 0	80	66 0	

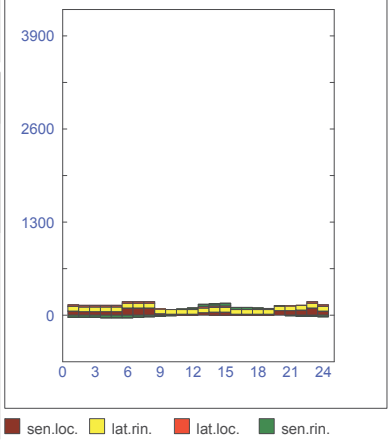
TOTALI: [W]

Carico Massimo teorico 171 **Ora 23**

Latente		Sensibile	
rinnovo	63	rinnovo	-18
locale	22	locale	103
Totale	**85**	**Totale**	**85**



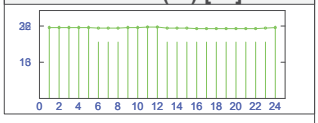
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	95	W
Differenziale termostato	=	1.0	°C
ERmax	=	136	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.5	25.2	25.2	25.2	25.4	25.5	25.5	25.6	25.2	25.2	25.2	25.1	25.1	25.1	25.0

Progetto:

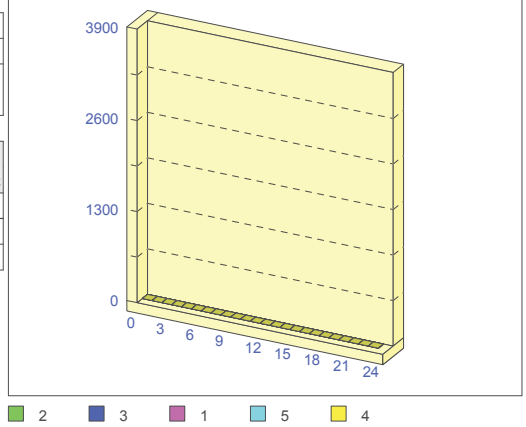
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010203	**Bagno**			
Uri = 50	q	largh	lungh	altez	volume
Ta = 25	1	2.10	2.00	3.00	12.6

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 309	1	ZC	0.96		0.60	2.70	1.62	
02	PAV 518	1	U2	0.23		2.00	2.10	4.20	
03	SOF 642	1	U1	0.19		1.00	2.10	2.10	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = NESSUN_APPORTO

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.00	0	0.0	
	Qop =	0.000	l/s pers.	

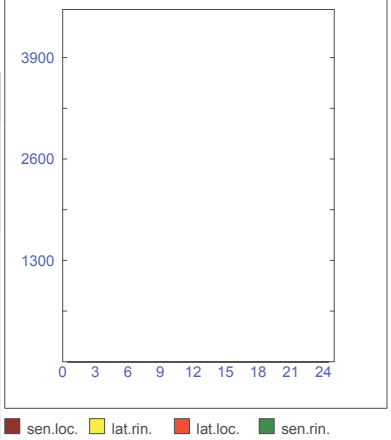
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

TOTALI: [W]

Carico Massimo teorico 0 | **Ora 1**

Latente		Sensibile	
rinnovo	0	rinnovo	0
locale	0	locale	0
Totale	**0**	**Totale**	**0**

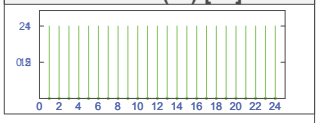
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	0 W
Differenziale termostato	=	1.0 °C
ERmax	=	0 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Progetto:

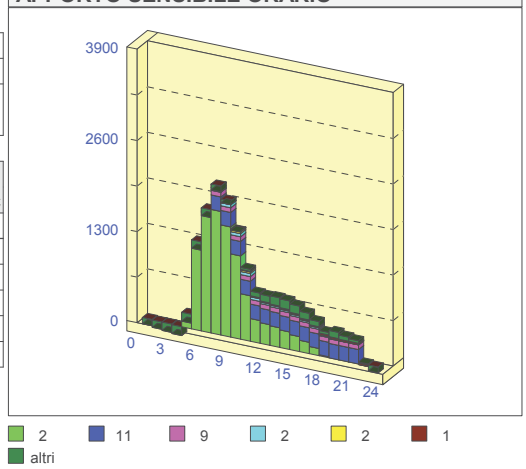
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010301	Soggiorno-cottura			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	6.70	3.90	3.00	78.4

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	E	0.24		6.70	3.00	14.34	0.60
02	S.E 234	3	E	1.50		1.20	1.60	5.76	0.39
03	P.I 309	1	ZC	0.96		1.50	2.70	2.16	
04	S.I 400	1	ZC	1.48		0.90	2.10	1.89	
05	PAV 518	1	U2	0.23		3.90	6.70	26.13	
06	SOF 642	1	U1	0.19		3.90	6.70	26.13	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
07	0.70	38	10.7	
	Qop =	10.209	l/s pers.	

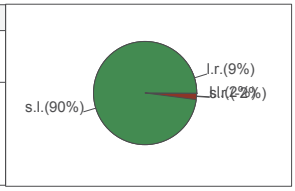
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
08	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
09	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	70 40	
10	Illuminazione a incandescenza	1 (4)	80 0	80	80 0	
11	Apparecchi audiovisivi	(1) 4	200 0	50	209 0	

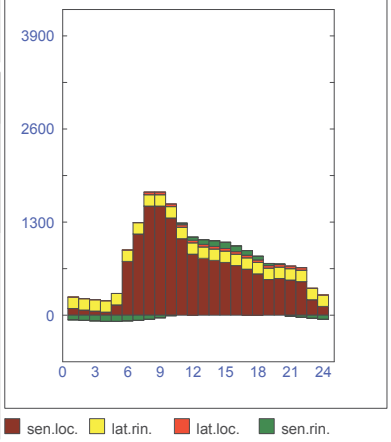
TOTALI: [W]

Carico Massimo teorico 1691 | **Ora 9**

Latente		Sensibile	
rinnovo	157	rinnovo	-36
locale	40	locale	1530
Totale	**197**	**Totale**	**1494**



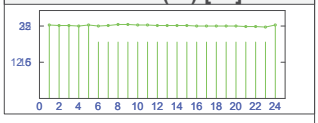
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	1424 W
Differenziale termostato	=	1.0 °C
ERmax	=	1427 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.4	25.0	25.2	25.5	25.5	25.4	25.3	25.2	25.1	25.1	25.1	25.1	25.0	25.0	24.9

Progetto:

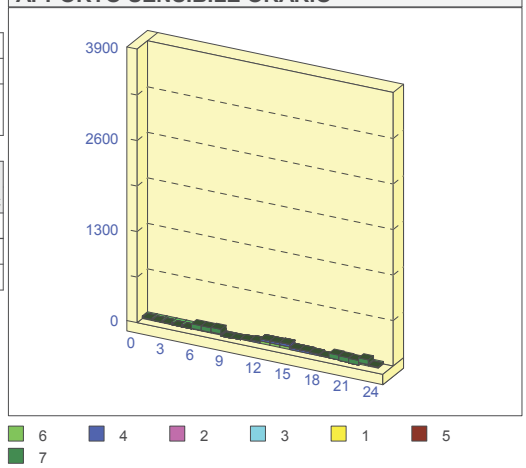
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010302	Camera			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	4.10	3.60	3.00	44.3

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 309	1	ZC	0.96		2.90	2.70	7.83	
02	PAV 518	1	U2	0.23		3.60	4.10	14.76	
03	SOF 642	1	U1	0.19		3.60	4.10	14.76	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-N

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.50	15	4.3	
	Qop =	7.292	l/s pers.	

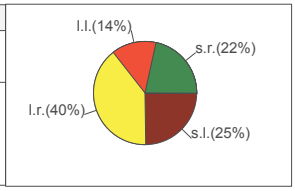
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
06	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	40 22	
07	Illuminazione a incandescenza 5W/m²	(13) 90	5 0	80	66 0	

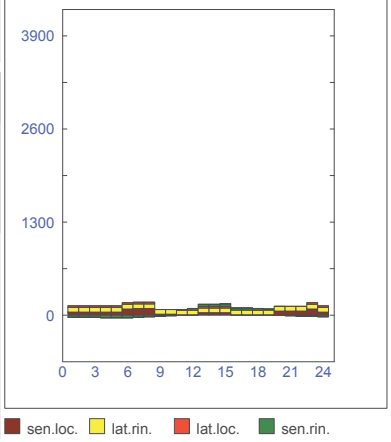
TOTALI: [W]

Carico Massimo teorico 160 **Ora 15**

Latente		Sensibile	
rinnovo	63	rinnovo	34
locale	22	locale	40
Totale	**85**	**Totale**	**74**



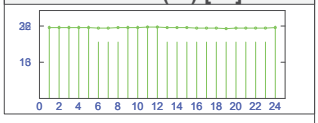
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	95	W
Differenziale termostato	=	1.0	°C
ERmax	=	104	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.5	25.3	25.3	25.4	25.5	25.5	25.6	25.7	25.4	25.4	25.4	25.3	25.2	25.2	25.1

Progetto:

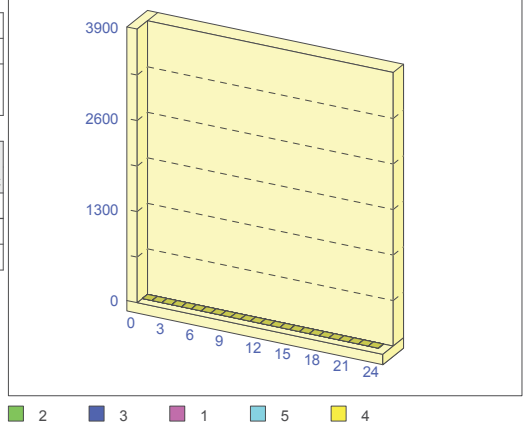
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010303	**Bagno**			
Uri = 50	q	largh	lungh	altez	volume
Ta = 25	1	2.10	2.00	3.00	12.6

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 309	1	ZC	0.96		2.10	2.70	5.67	
02	PAV 518	1	U2	0.23		2.00	2.10	4.20	
03	SOF 642	1	U1	0.19		1.00	2.10	2.10	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = NESSUN_APPORTO

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.00	0	0.0	
	Qop =	0.000	l/s pers.	

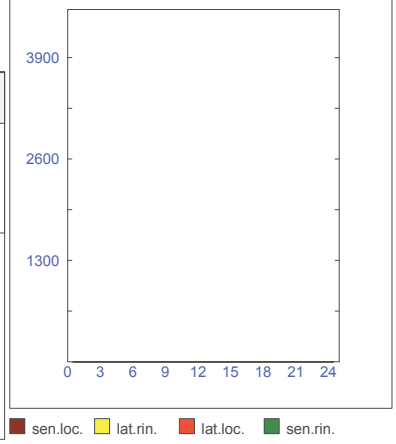
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

TOTALI: [W]

Carico Massimo teorico 0 | **Ora 1**

Latente		Sensibile	
rinnovo	0	rinnovo	0
locale	0	locale	0
Totale	**0**	**Totale**	**0**

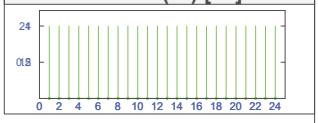
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	0 W
Differenziale termostato	=	1.0 °C
ERmax	=	0 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Progetto:

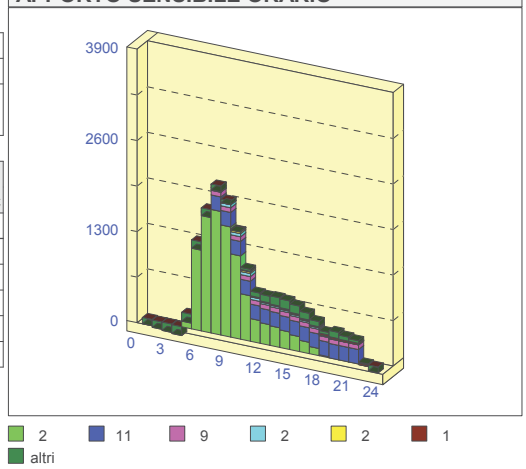
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010401	Soggiorno-cottura			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	6.70	3.90	3.00	78.4

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	E	0.24		6.70	3.00	14.34	0.60
02	S.E 234	3	E	1.50		1.20	1.60	5.76	0.39
03	P.I 309	1	ZC	0.96		1.50	2.70	2.16	
04	S.I 400	1	ZC	1.48		0.90	2.10	1.89	
05	PAV 518	1	U2	0.23		3.90	6.70	26.13	
06	SOF 642	1	U1	0.19		3.90	6.70	26.13	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
07	0.70	38	10.7	
	Qop =	10.209	l/s pers.	

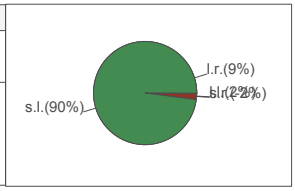
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
08	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
09	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	70 40	
10	Illuminazione a incandescenza	1 (4)	80 0	80	80 0	
11	Apparecchi audiovisivi	(1) 4	200 0	50	209 0	

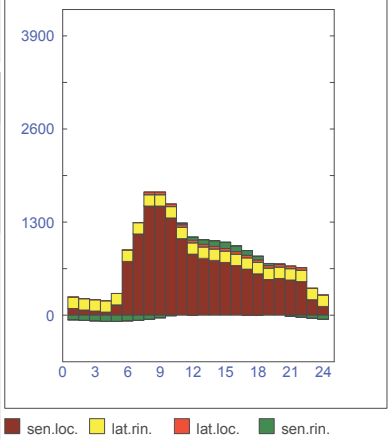
TOTALI: [W]

Carico Massimo teorico 1691 **Ora 9**

Latente		Sensibile	
rinnovo	157	rinnovo	-36
locale	40	locale	1530
Totale	**197**	**Totale**	**1494**



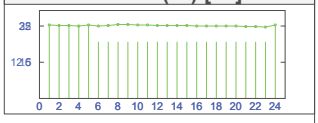
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa = 1424 W
Differenziale termostato = 1.0 °C
ERmax = 1427 W
ERmin = 0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.4	25.0	25.2	25.5	25.5	25.4	25.3	25.2	25.1	25.1	25.1	25.1	25.0	25.0	24.9

Progetto:

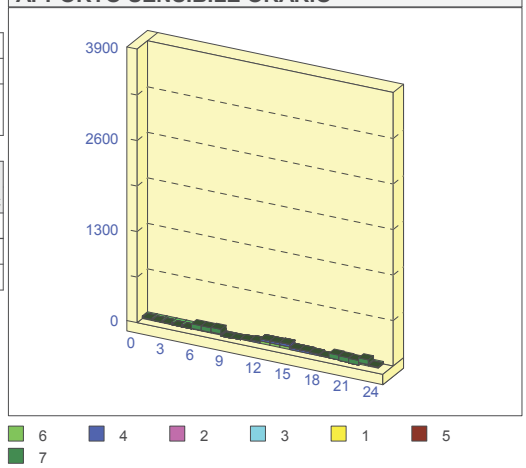
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010402	Camera			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	4.10	3.60	3.00	44.3

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 309	1	ZC	0.96		2.90	2.70	7.83	
02	PAV 518	1	U2	0.23		3.60	4.10	14.76	
03	SOF 642	1	U1	0.19		3.60	4.10	14.76	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-N

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.50	15	4.3	
	Qop =	7.292	l/s pers.	

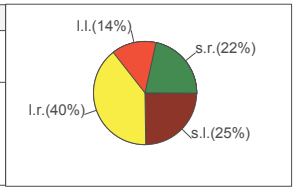
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
06	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	40 22	
07	Illuminazione a incandescenza 5W/m²	(13) 90	5 0	80	66 0	

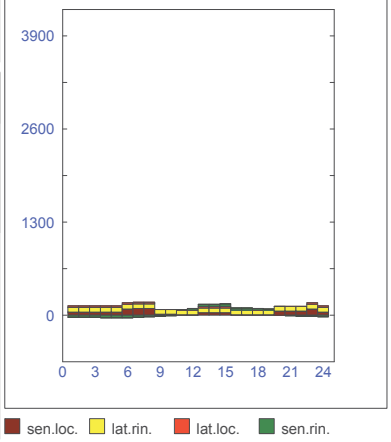
TOTALI: [W]

Carico Massimo teorico 160 **Ora 15**

Latente		Sensibile	
rinnovo	63	rinnovo	34
locale	22	locale	40
Totale	**85**	**Totale**	**74**



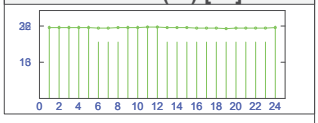
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	95	W
Differenziale termostato	=	1.0	°C
ERmax	=	104	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.5	25.3	25.3	25.4	25.5	25.5	25.6	25.7	25.4	25.4	25.4	25.3	25.2	25.2	25.1

Progetto:

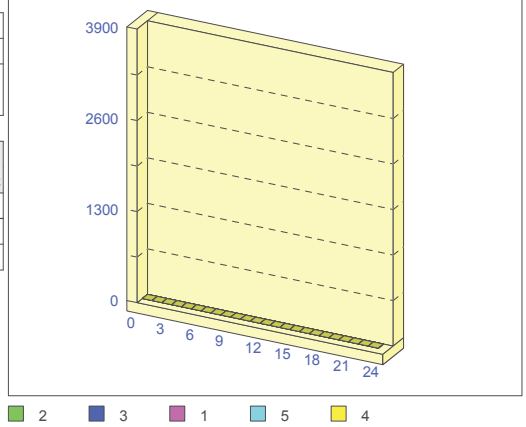
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010403	Bagno			
Uri = 50	q	largh	lungh	altez	volume
Ta = 25	1	2.10	2.00	3.00	12.6

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 309	1	ZC	0.96		2.10	2.70	5.67	
02	PAV 518	1	U2	0.23		2.00	2.10	4.20	
03	SOF 642	1	U1	0.19		1.00	2.10	2.10	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = NESSUN_APPORTO

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.00	0	0.0	
	Qop =	0.000	l/s pers.	

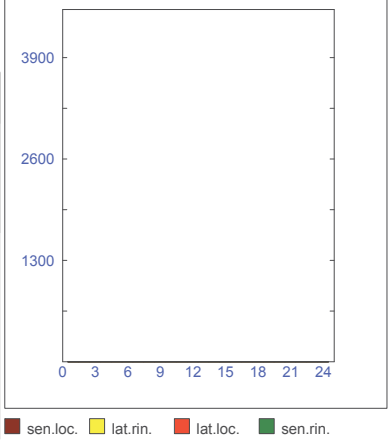
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

TOTALI: [W]

Carico Massimo teorico 0 | **Ora 1**

Latente		Sensibile	
rinnovo	0	rinnovo	0
locale	0	locale	0
Totale	**0**	**Totale**	**0**

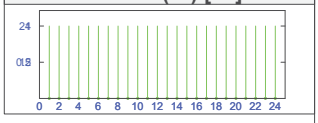
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	0 W
Differenziale termostato	=	1.0 °C
ERmax	=	0 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Progetto:

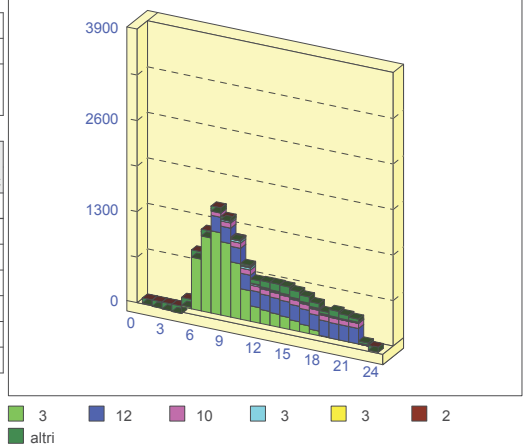
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010501	Soggiorno-cottura			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	4.20	6.50	3.00	81.9

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	N	0.24		3.80	3.00	11.40	0.60
02	P.E 137	1	E	0.24		4.70	3.00	10.26	0.60
03	S.E 234	2	E	1.50		1.20	1.60	3.84	0.39
04	P.I 309	1	ZC	0.96		1.80	2.70	2.97	
05	S.I 400	1	ZC	1.48		0.90	2.10	1.89	
06	PAV 518	1	U2	0.23		6.50	4.20	27.30	
07	SOF 642	1	U1	0.19		6.50	4.20	27.30	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
08	0.70	40	11.1	
	Qop =	10.209	l/s pers.	

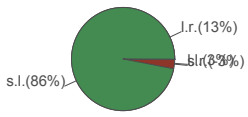
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
09	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
10	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	73 41	
11	Illuminazione a incandescenza	1 (4)	80 0	80	80 0	
12	Apparecchi audiovisivi	(1) 4	200 0	50	218 0	

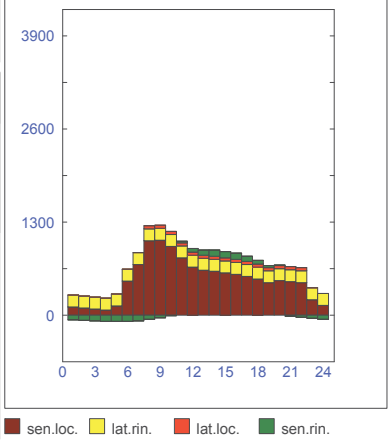
TOTALI: [W]

Carico Massimo teorico 1223 **Ora 9**

Latente		Sensibile	
rinnovo	164	rinnovo	-37
locale	41	locale	1055
Totale	**205**	**Totale**	**1018**



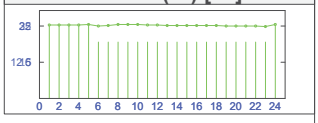
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	970	W
Differenziale termostato	=	1.0	°C
ERmax	=	971	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.5	25.0	25.2	25.5	25.5	25.5	25.4	25.3	25.3	25.3	25.2	25.2	25.2	25.1	25.1

Progetto:

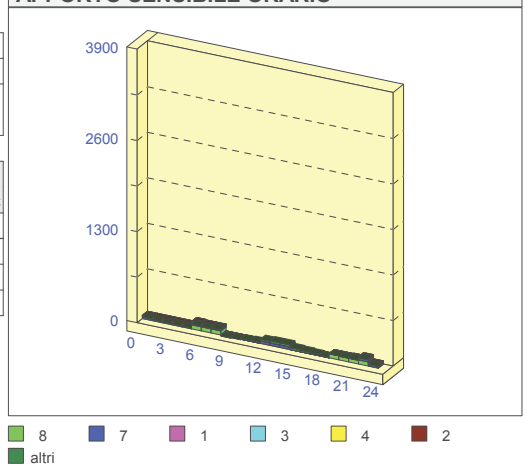
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010502	Camera			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	4.95	2.70	3.00	40.1

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	N	0.24		2.70	3.00	8.10	0.60
02	P.I 309	1	ZC	0.96		4.60	2.70	12.42	
03	PAV 518	1	U2	0.23		2.70	4.95	13.37	
04	SOF 642	1	U1	0.19		2.70	4.95	13.37	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-N

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
05	0.50	14	3.9	
	Qop =	7.292	l/s pers.	

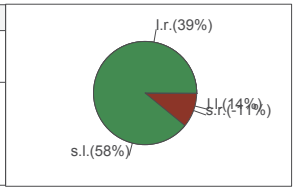
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
06	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
07	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	36 20	
08	Illuminazione a incandescenza 5W/m²	(12) 90	5 0	80	60 0	

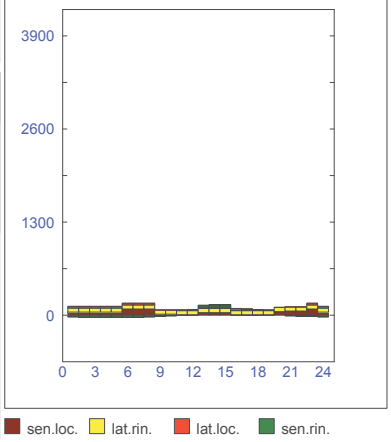
TOTALI: [W]

Carico Massimo teorico 147 **Ora 23**

Latente		Sensibile	
rinnovo	57	rinnovo	-16
locale	20	locale	86
Totale	**77**	**Totale**	**70**



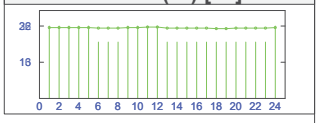
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	84	W
Differenziale termostato	=	1.0	°C
ERmax	=	113	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.5	25.3	25.3	25.3	25.5	25.5	25.6	25.7	25.3	25.3	25.3	25.2	25.2	25.1	25.1

Progetto:

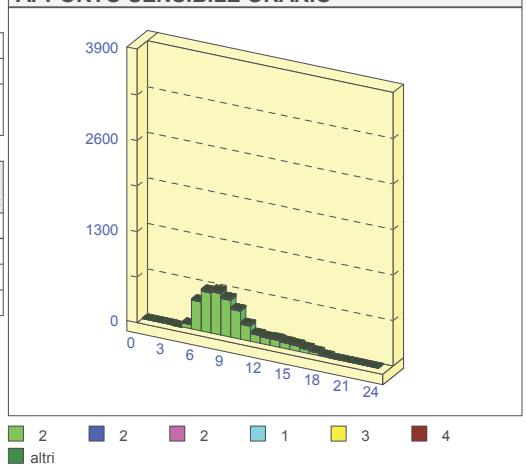
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010503	**Bagno**			
Uri = 50	q	largh	lungh	altez	volume
Ta = 25	1	2.15	2.15	3.00	13.9

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	E	0.24		2.15	3.00	4.53	0.60
02	S.E 234	1	E	1.50		1.20	1.60	1.92	0.39
03	PAV 518	1	U2	0.23		2.15	2.15	4.62	
04	SOF 642	1	U1	0.19		2.15	2.15	4.62	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = NESSUN_APPORTO

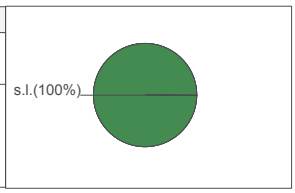
nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	
	Qop =	0.000	l/s pers.	

nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
06	0.00	0	0.0	

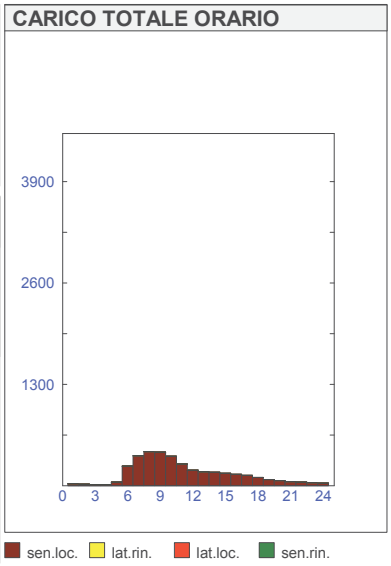
TOTALI: [W]

Carico Massimo teorico 436 **Ora 8**

Latente		Sensibile	
rinnovo	0	rinnovo	0
locale	0	locale	436
Totale	**0**	**Totale**	**436**



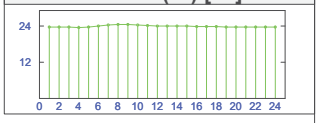
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	407	W
Differenziale termostato	=	1.0	°C
ERmax	=	408	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Tr	23.6	24.1	24.4	24.5	24.5	24.4	24.2	24.0	24.0	23.9	23.9	23.9	23.8	23.8	23.7

Progetto:

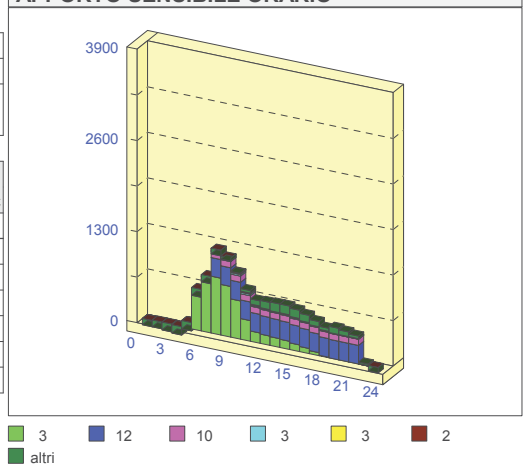
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010601	Soggiorno-cottura			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	7.90	4.20	3.00	99.5

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	N	0.26		6.70	3.00	20.10	0.60
02	P.E 139	1	E	0.26		4.20	3.00	9.96	0.60
03	S.E 234	1	E	1.50		1.20	2.20	2.64	0.39
04	P.I 301	1	ZC	2.21		1.40	2.70	1.89	
05	S.I 400	1	ZC	1.48		0.90	2.10	1.89	
06	PAV 518	1	U2	0.23		4.20	7.90	33.18	
07	SOF 642	1	U1	0.19		4.20	7.90	33.18	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
08	0.70	49	13.5	
	Qop =	10.209	l/s pers.	

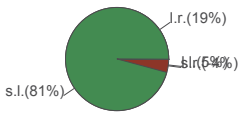
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
09	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
10	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	89 50	
11	Illuminazione a incandescenza	1 (3)	80 0	80	80 0	
12	Apparecchi audiovisivi	(1) 4	200 0	50	265 0	

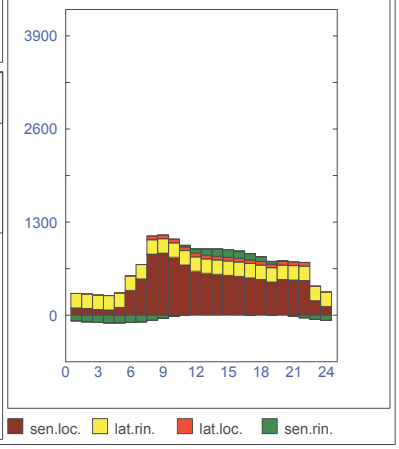
TOTALI: [W]

Carico Massimo teorico 1077 **Ora 9**

Latente		Sensibile	
rinnovo	200	rinnovo	-45
locale	50	locale	873
Totale	**250**	**Totale**	**828**



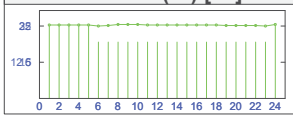
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	774	W
Differenziale termostato	=	1.0	°C
ERmax	=	774	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.4	25.0	25.1	25.5	25.5	25.5	25.4	25.4	25.4	25.4	25.4	25.4	25.3	25.3	25.2

Progetto:

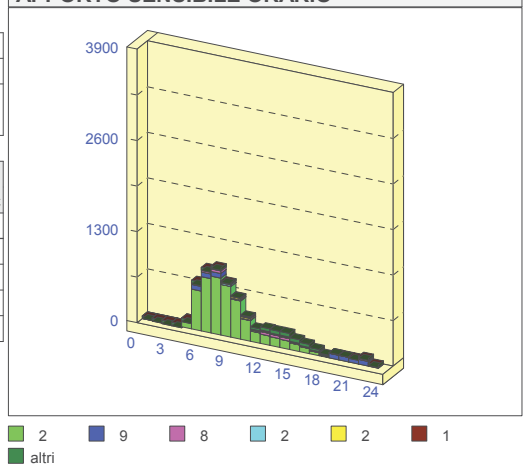
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010602	Camera			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	3.50	4.20	3.00	44.1

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	E	0.26		3.00	3.00	6.36	0.60
02	S.E 234	1	E	1.50		1.20	2.20	2.64	0.39
03	P.I 301	1	ZC	2.21		2.80	2.70	7.56	
04	PAV 518	1	U2	0.23		4.20	3.50	14.70	
05	SOF 642	1	U1	0.19		4.20	3.50	14.70	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-N

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
06	0.50	15	4.3	
	Qop =	7.292	l/s pers.	

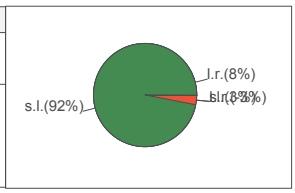
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
07	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
08	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	39 22	
09	Illuminazione a incandescenza 5W/m²	(13) 90	5 0	80	66 0	

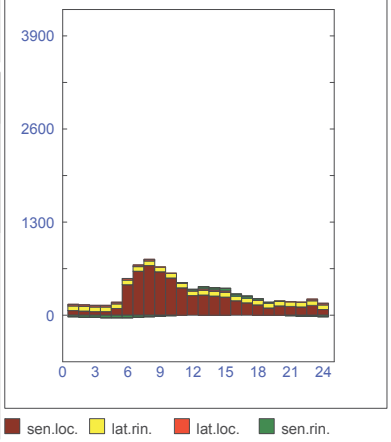
TOTALI: [W]

Carico Massimo teorico 756 | **Ora 8**

Latente		Sensibile	
rinnovo	63	rinnovo	-23
locale	22	locale	694
Totale	**85**	**Totale**	**671**



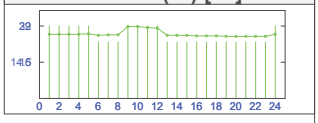
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	678	W
Differenziale termostato	=	1.0	°C
ERmax	=	680	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.9	25.2	25.4	25.5	28.8	28.8	28.5	28.2	25.3	25.3	25.2	25.1	25.1	25.0	24.9

Progetto:

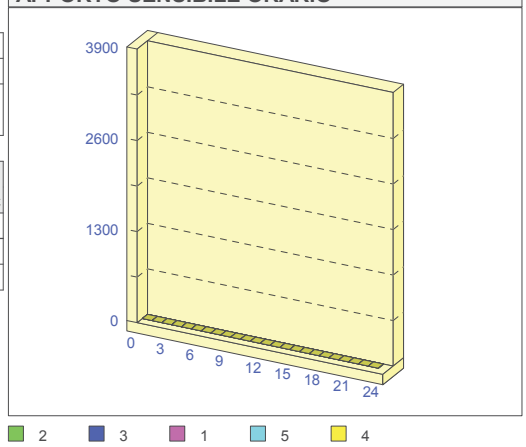
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010603	Bagno			
Uri = 50	q	largh	lungh	altez	volume
Ta = 25	1	1.90	2.10	3.00	12.0

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 301	1	ZC	2.21		2.00	2.70	5.40	
02	PAV 518	1	U2	0.23		2.10	1.90	3.99	
03	SOF 642	1	U1	0.19		2.10	1.90	3.99	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = NESSUN_APPORTO

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.00	0	0.0	
	Qop =	0.000	l/s pers.	

nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

TOTALI: [W]

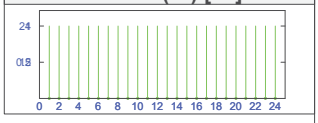
Carico Massimo teorico 0 | **Ora 1**

Latente		Sensibile	
rinnovo	0	rinnovo	0
locale	0	locale	0
Totale	**0**	**Totale**	**0**

SIMULAZIONE DI FUNZIONAMENTO

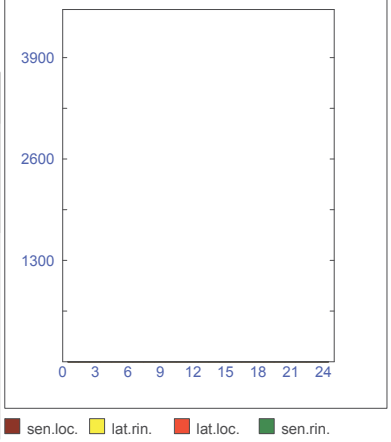
Potenza sensibile rimossa	=	0 W
Differenziale termostato	=	1.0 °C
ERmax	=	0 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CARICO TOTALE ORARIO



Progetto:

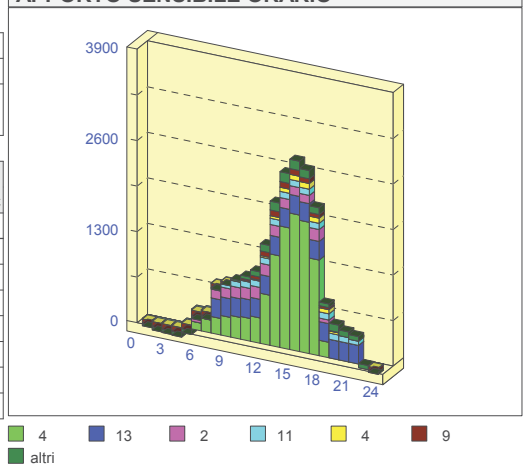
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010701	Soggiorno-cottura			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	3.85	6.70	3.00	77.4

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	N	0.26		3.40	3.00	7.02	0.60
02	S.E 234	1	N	1.50		1.20	2.65	3.18	0.39
03	P.E 139	1	W	0.26		7.10	3.00	14.94	0.60
04	S.E 234	2	W	1.50		1.20	2.65	6.36	0.39
05	P.I 301	1	ZC	2.21		11.50	2.70	29.16	
06	S.I 400	1	ZC	1.48		0.90	2.10	1.89	
07	PAV 518	1	U2	0.23		4.20	7.90	33.18	
08	SOF 642	1	U1	0.19		4.20	7.90	33.18	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
09	0.70	38	10.5	
	Qop =	7.937	l/s pers.	

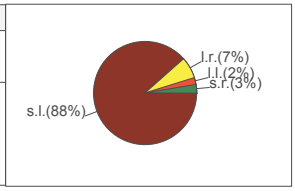
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
10	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
11	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	89 50	
12	Illuminazione a incandescenza	1 (3)	80 0	80	80 0	
13	Apparecchi audiovisivi	(1) 4	200 0	50	265 0	

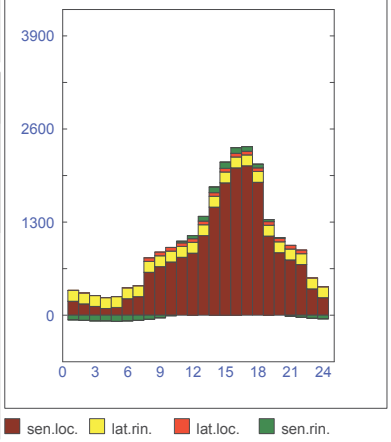
TOTALI: [W]

Carico Massimo teorico 2369 **Ora 17**

Latente		Sensibile	
rinnovo	155	rinnovo	67
locale	50	locale	2096
Totale	**205**	**Totale**	**2163**



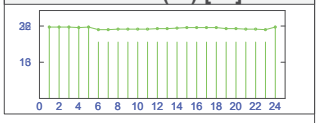
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa = 2085 W
Differenziale termostato = 1.0 °C
ERmax = 2086 W
ERmin = 0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.6	24.7	24.7	24.9	24.9	24.9	25.0	25.0	25.1	25.3	25.4	25.5	25.5	25.4	25.1

Progetto:

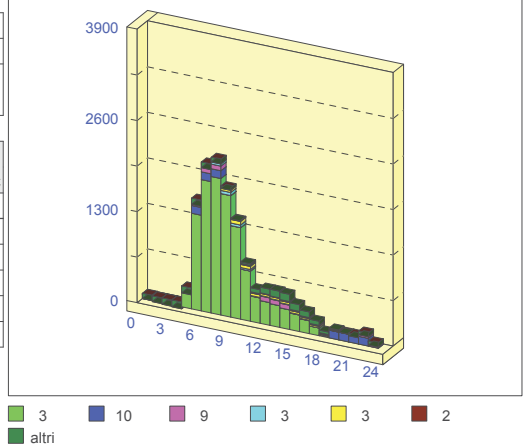
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010702	Camera			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	6.20	4.00	3.00	74.4

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	N	0.26		4.00	3.00	12.00	0.60
02	P.E 139	1	E	0.26		7.20	3.00	15.24	0.60
03	S.E 234	2	E	1.50		1.20	2.65	6.36	0.39
04	P.I 301	1	ZC	2.21		2.80	2.70	7.56	
05	PAV 518	1	U2	0.23		4.00	6.20	24.80	
06	SOF 642	1	U1	0.19		4.00	6.20	24.80	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-N

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
07	0.50	26	7.2	
	Qop =	7.292	l/s pers.	

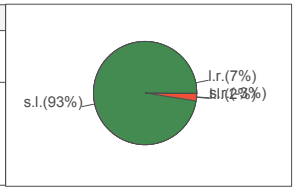
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
08	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
09	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	66 38	
10	Illuminazione a incandescenza 5W/m²	(22) 90	5 0	80	112 0	

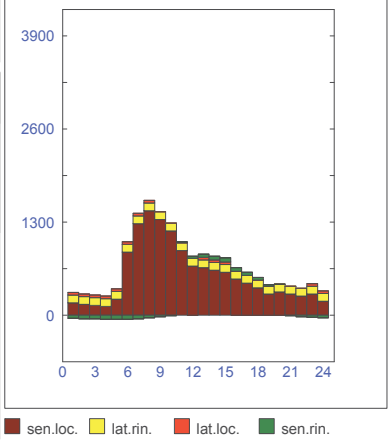
TOTALI: [W]

Carico Massimo teorico 1573 **Ora 8**

Latente		Sensibile	
rinnovo	107	rinnovo	-39
locale	38	locale	1468
Totale	**145**	**Totale**	**1429**



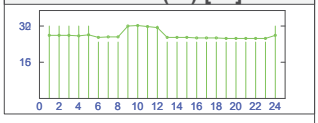
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa = 1500 W
Differenziale termostato = 1.0 °C
ERmax = 1507 W
ERmin = 0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	26.4	25.2	25.4	25.5	30.0	30.2	29.8	29.4	25.4	25.3	25.2	25.2	25.1	25.0	24.9

Progetto:

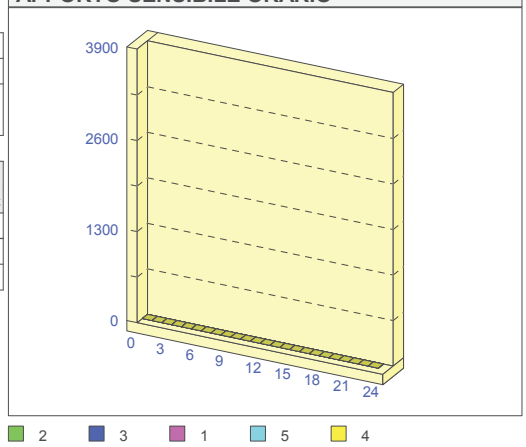
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010703	Bagno			
Uri = 50	q	largh	lungh	altez	volume
Ta = 25	1	1.90	2.10	3.00	12.0

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 301	1	ZC	2.21		2.00	2.70	5.40	
02	PAV 518	1	U2	0.23		2.10	1.90	3.99	
03	SOF 642	1	U1	0.19		2.10	1.90	3.99	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = NESSUN_APPORTO

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.00	0	0.0	
	Qop =	0.000	l/s pers.	

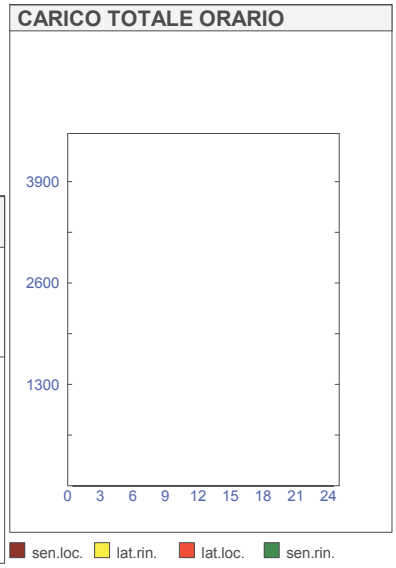
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

TOTALI: [W]

Carico Massimo teorico 0 | **Ora 1**

Latente		Sensibile	
rinnovo	0	rinnovo	0
locale	0	locale	0
Totale	**0**	**Totale**	**0**

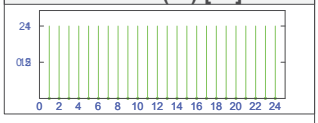
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	0 W
Differenziale termostato	=	1.0 °C
ERmax	=	0 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Progetto:

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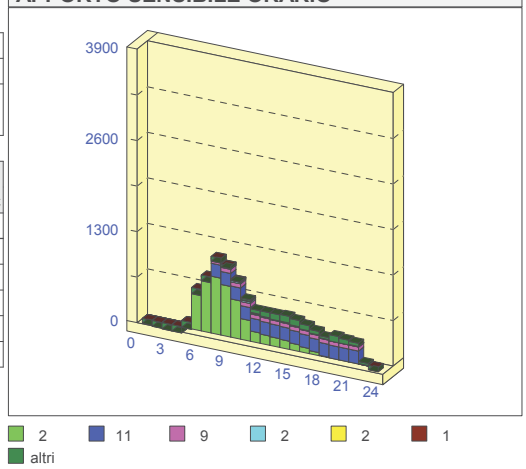
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010801	Soggiorno-cottura			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	3.30	7.00	3.00	69.3

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	E	0.26		2.10	3.00	3.66	0.60
02	S.E 234	1	E	1.50		1.20	2.20	2.64	0.39
03	P.I 301	1	ZC	2.21		13.50	2.70	34.56	
04	S.I 400	1	ZC	1.48		0.90	2.10	1.89	
05	PAV 518	1	U2	0.23		7.00	3.30	23.10	
06	SOF 642	1	U1	0.19		7.00	3.30	23.10	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
07	0.70	34	9.4	
	Qop =	10.209	l/s pers.	

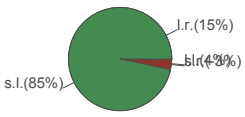
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
08	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
09	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	62 35	
10	Illuminazione a incandescenza	1 (4)	80 0	80	80 0	
11	Apparecchi audiovisivi	(1) 4	200 0	50	185 0	

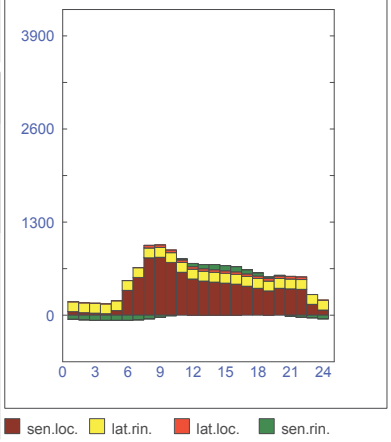
TOTALI: [W]

Carico Massimo teorico 953 **Ora 9**

Latente		Sensibile	
rinnovo	139	rinnovo	-32
locale	35	locale	811
Totale	**174**	**Totale**	**779**



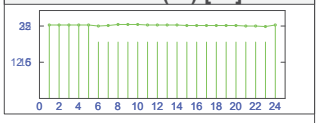
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	704	W
Differenziale termostato	=	1.0	°C
ERmax	=	708	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.4	25.1	25.2	25.5	25.5	25.5	25.4	25.3	25.3	25.3	25.3	25.2	25.2	25.2	25.1

Progetto:

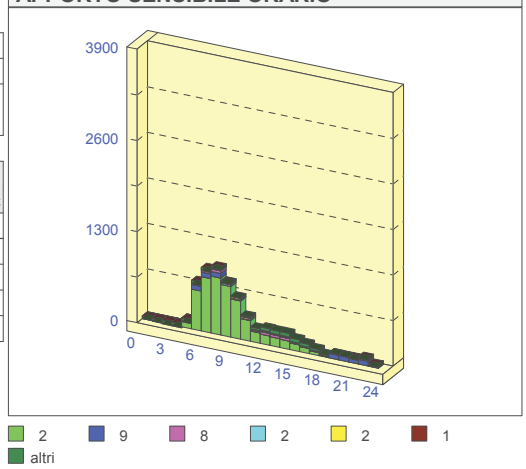
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010802	Camera			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	3.50	4.20	3.00	44.1

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	E	0.26		3.40	3.00	7.56	0.60
02	S.E 234	1	E	1.50		1.20	2.20	2.64	0.39
03	P.I 301	1	ZC	2.21		2.80	2.70	7.56	
04	PAV 518	1	U2	0.23		4.20	3.50	14.70	
05	SOF 642	1	U1	0.19		4.20	3.50	14.70	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-N

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
06	0.50	15	4.3	
	Qop =	7.292	l/s pers.	

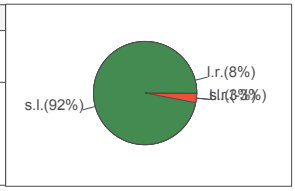
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
07	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
08	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	39 22	
09	Illuminazione a incandescenza 5W/m²	(13) 90	5 0	80	66 0	

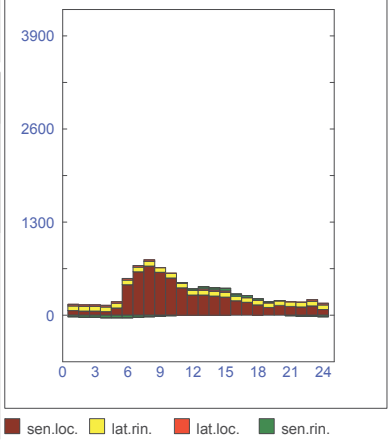
TOTALI: [W]

Carico Massimo teorico 752 | **Ora 8**

Latente		Sensibile	
rinnovo	63	rinnovo	-23
locale	22	locale	690
Totale	**85**	**Totale**	**667**



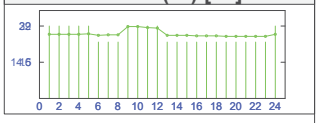
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	678	W
Differenziale termostato	=	1.0	°C
ERmax	=	682	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	26.0	25.2	25.4	25.5	28.8	28.8	28.5	28.2	25.3	25.3	25.2	25.1	25.1	25.0	24.9

Progetto:

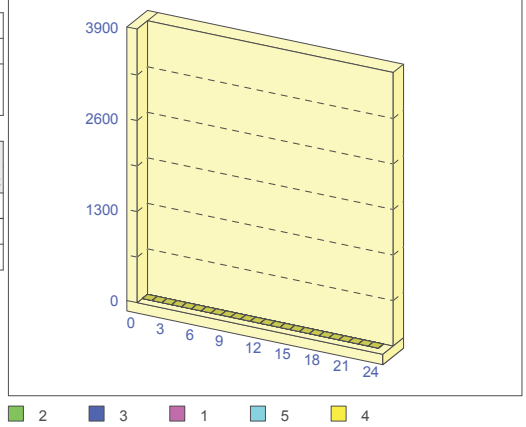
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010803	Bagno			
Uri = 50	q	largh	lungh	altez	volume
Ta = 25	1	1.90	2.10	3.00	12.0

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 301	1	ZC	2.21		2.00	2.70	5.40	
02	PAV 518	1	U2	0.23		2.10	1.90	3.99	
03	SOF 642	1	U1	0.19		2.10	1.90	3.99	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = NESSUN_APPORTO

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.00	0	0.0	
	Qop =	0.000	l/s pers.	

nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

TOTALI: [W]

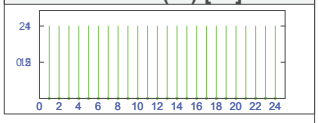
Carico Massimo teorico 0 | **Ora 1**

Latente		Sensibile	
rinnovo	0	rinnovo	0
locale	0	locale	0
Totale	**0**	**Totale**	**0**

SIMULAZIONE DI FUNZIONAMENTO

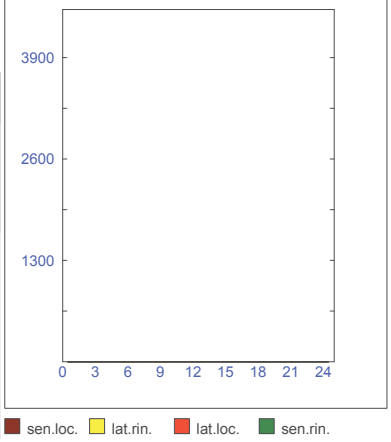
Potenza sensibile rimossa	=	0 W
Differenziale termostato	=	1.0 °C
ERmax	=	0 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CARICO TOTALE ORARIO



Progetto:

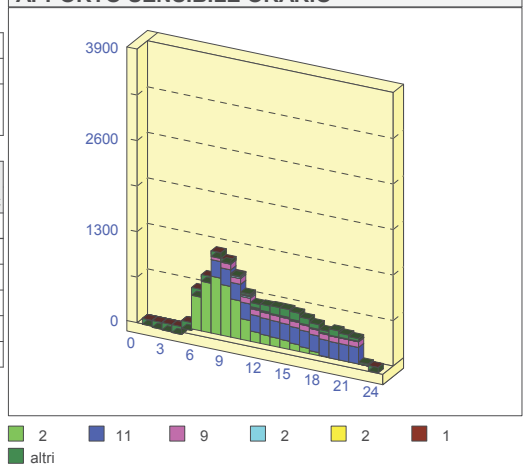
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010901	Soggiorno-cottura			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	4.20	7.00	3.00	88.2

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	E	0.26		3.60	3.00	8.16	0.60
02	S.E 234	1	E	1.50		1.20	2.20	2.64	0.39
03	P.I 301	1	ZC	2.21		13.00	2.70	33.21	
04	S.I 400	1	ZC	1.48		0.90	2.10	1.89	
05	PAV 518	1	U2	0.23		7.00	4.20	29.40	
06	SOF 642	1	U1	0.19		7.00	4.20	29.40	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
07	0.70	43	12.0	
	Qop =	10.209	l/s pers.	

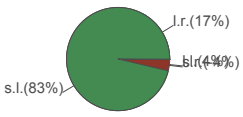
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
08	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
09	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	79 45	
10	Illuminazione a incandescenza	1 (3)	80 0	80	80 0	
11	Apparecchi audiovisivi	(1) 4	200 0	50	235 0	

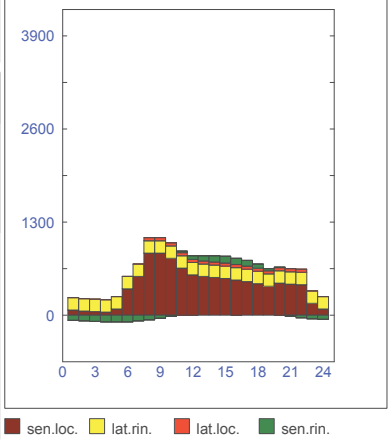
TOTALI: [W]

Carico Massimo teorico 1051 **Ora 9**

Latente		Sensibile	
rinnovo	177	rinnovo	-40
locale	45	locale	869
Totale	**222**	**Totale**	**829**



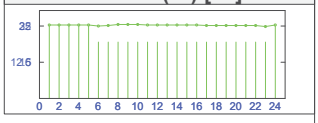
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	770	W
Differenziale termostato	=	1.0	°C
ERmax	=	776	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.4	25.1	25.2	25.5	25.5	25.5	25.4	25.3	25.3	25.3	25.3	25.3	25.3	25.2	25.2

Progetto:

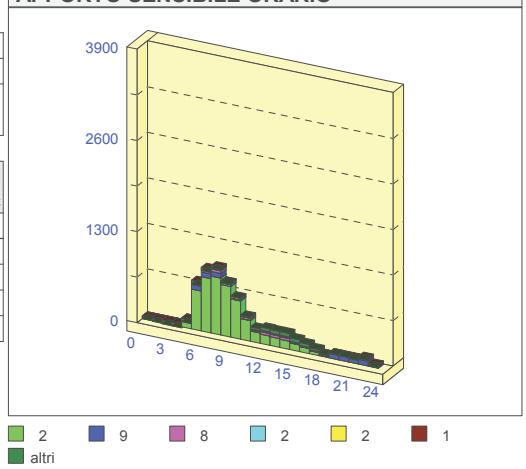
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010902	Camera			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	3.50	4.20	3.00	44.1

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	E	0.26		3.40	3.00	7.56	0.60
02	S.E 234	1	E	1.50		1.20	2.20	2.64	0.39
03	P.I 301	1	ZC	2.21		2.80	2.70	7.56	
04	PAV 518	1	U2	0.23		4.20	3.50	14.70	
05	SOF 642	1	U1	0.19		4.20	3.50	14.70	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-N

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
06	0.50	15	4.3	
	Qop =	7.292	l/s pers.	

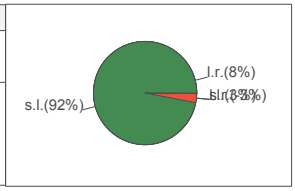
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
07	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
08	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	39 22	
09	Illuminazione a incandescenza 5W/m²	(13) 90	5 0	80	66 0	

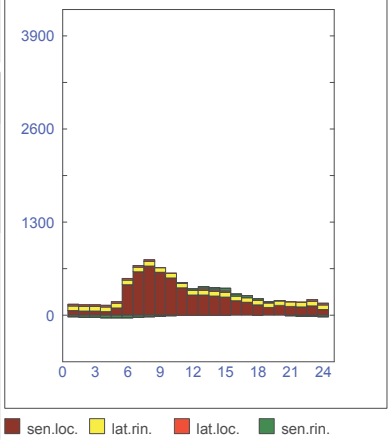
TOTALI: [W]

Carico Massimo teorico 752 | **Ora 8**

Latente		Sensibile	
rinnovo	63	rinnovo	-23
locale	22	locale	690
Totale	**85**	**Totale**	**667**



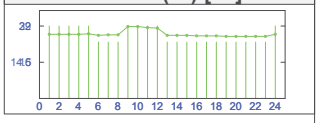
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	678	W
Differenziale termostato	=	1.0	°C
ERmax	=	682	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	26.0	25.2	25.4	25.5	28.8	28.8	28.5	28.2	25.3	25.3	25.2	25.1	25.1	25.0	24.9

Progetto:

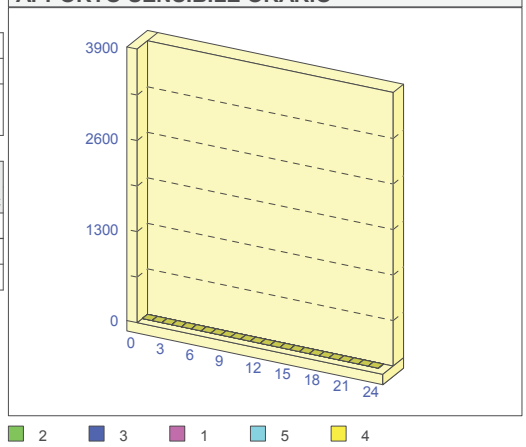
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	010903	Bagno			
Uri = 50	q	largh	lungh	altez	volume
Ta = 25	1	1.90	2.10	3.00	12.0

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.I 301	1	ZC	2.21		2.00	2.70	5.40	
02	PAV 518	1	U2	0.23		2.10	1.90	3.99	
03	SOF 642	1	U1	0.19		2.10	1.90	3.99	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = NESSUN_APPORTO

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
04	0.00	0	0.0	
	Qop =	0.000	l/s pers.	

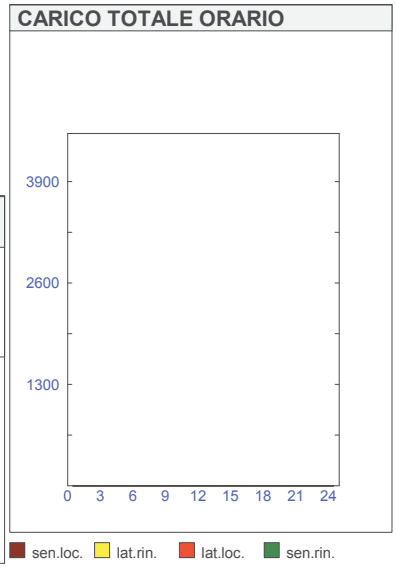
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
05	0.00	0	0.0	

TOTALI: [W]

Carico Massimo teorico 0 | **Ora 1**

Latente		Sensibile	
rinnovo	0	rinnovo	0
locale	0	locale	0
Totale	**0**	**Totale**	**0**

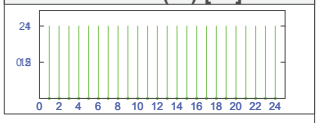
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	0 W
Differenziale termostato	=	1.0 °C
ERmax	=	0 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
Tr	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Progetto:

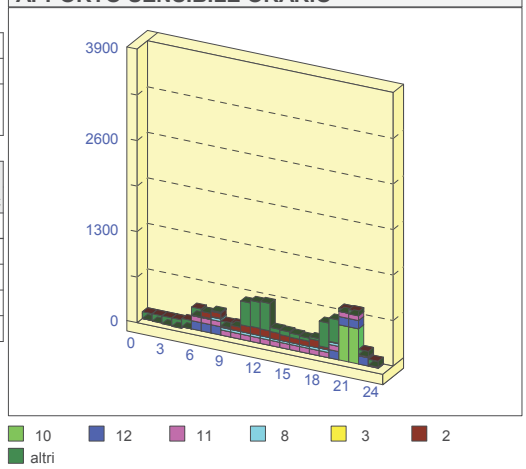
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	011001	Lavanderia			
Uri = 50	q	largh	lungh	altez	volume
Ta = 28	1	4.70	2.80	3.00	39.5

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	N	0.24		2.80	3.00	6.48	0.60
02	S.E 234	1	N	1.50		1.20	1.60	1.92	0.39
03	P.E 137	1	W	0.24		4.70	3.00	14.10	0.60
04	PAV 518	1	U2	0.23		2.80	4.70	13.16	
05	SOF 642	1	U1	0.19		2.80	4.70	13.16	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-C

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
06	1.20	33	9.2	
	Qop =	17.501	l/s pers.	

nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
07	0.00	0	0.0	

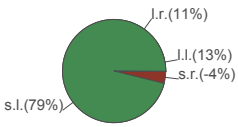
nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
08	Persona seduta a riposo amb. 25°C	(1) 4	67 38	70	35 20	
09	Apparecchi di cottura	1 (8)	500 250	50	500 250	
10	Lavastoviglie	1 (8)	500 100	30	500 100	

..... continua

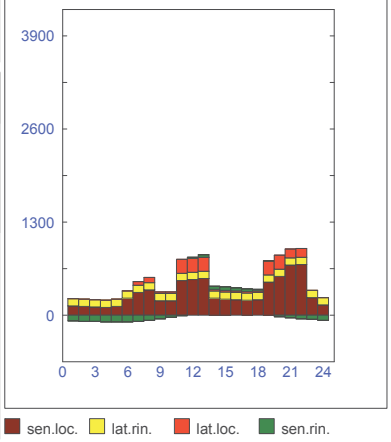
TOTALI: [W]

Carico Massimo teorico 892 **Ora 21**

Latente		Sensibile	
rinnovo	99	rinnovo	-34
locale	120	locale	708
Totale	**219**	**Totale**	**674**



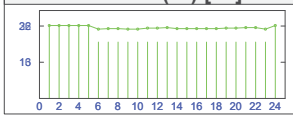
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	692	W
Differenziale termostato	=	1.0	°C
ERmax	=	696	W
ERmin	=	0	W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	26.2	25.0	25.0	25.1	24.9	24.9	25.3	25.3	25.4	25.1	25.0	25.0	25.0	25.0	25.2

Progetto:

STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
11	Frigorifero	1 (8)	75 0	30	75 0	
12	Illuminazione a incandescenza 10W/m²	(12) 90	10 0	80	118 0	

Progetto:

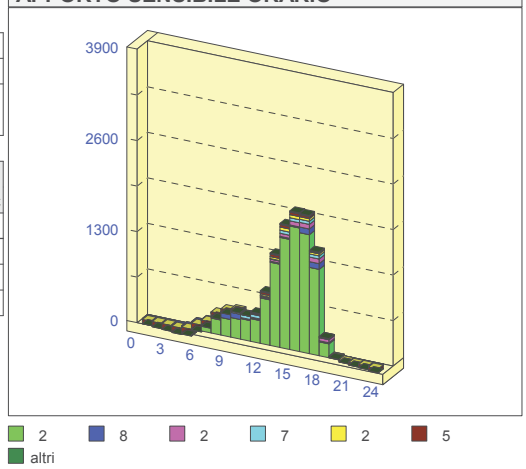
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	011002	Corridoio 1			
Uri = 50	q	largh	lungh	altez	volume
Ta = 28	1	11.50	6.00	3.00	207.0

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	W	0.24		10.80	3.00	26.64	0.60
02	S.E 234	3	W	1.50		1.20	1.60	5.76	0.39
03	PAV 518	1	U2	0.23		2.80	4.70	13.16	
04	SOF 642	1	U1	0.19		6.00	11.50	69.00	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = CO1

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
05	0.18	26	7.2	
	Qop =	11.000	l/s pers.	

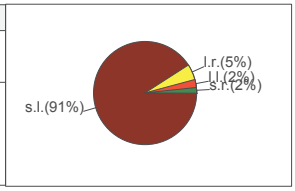
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
06	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
07	Impiegato di ufficio attività moderata amb. 25°C	(1) 5	70 58	70	46 38	
08	Illuminazione a incandescenza 10W/m²	(8) 60	10 0	80	79 0	

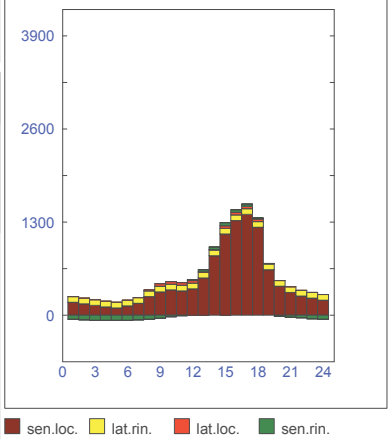
TOTALI: [W]

Carico Massimo teorico 1561 **Ora 17**

Latente		Sensibile	
rinnovo	78	rinnovo	28
locale	38	locale	1416
Totale	**116**	**Totale**	**1444**



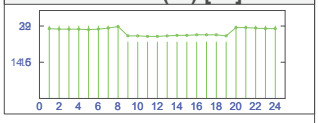
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	1604 W
Differenziale termostato	=	1.0 °C
ERmax	=	1617 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	27.6	27.9	28.1	28.8	25.0	25.0	24.9	25.0	25.0	25.2	25.4	25.5	25.5	25.4	25.0

Progetto:

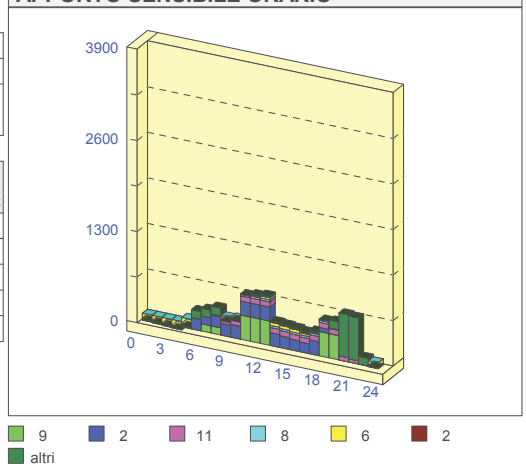
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	011003	Stireria			
Uri = 50	q	largh	lungh	altez	volume
Ta = 28	1	3.60	3.20	3.00	34.6

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	N	0.24		3.20	3.00	5.76	0.60
02	S.E 234	2	N	1.50		1.20	1.60	3.84	0.39
03	P.E 137	1	W	0.24		3.60	3.00	10.80	0.60
04	PAV 518	1	U2	0.23		3.20	3.60	11.52	
05	SOF 642	1	U1	0.19		3.20	3.60	11.52	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-C

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
06	1.20	29	8.1	
	Qop =	17.501	l/s pers.	

nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
07	0.00	0	0.0	

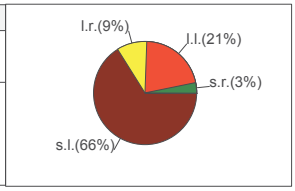
nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
08	Persona seduta a riposo amb. 25°C	(0) 4	67 38	70	31 18	
09	Apparecchi di cottura	1 (9)	500 250	50	500 250	
10	Lavastoviglie	1 (9)	500 100	30	500 100	

..... continua

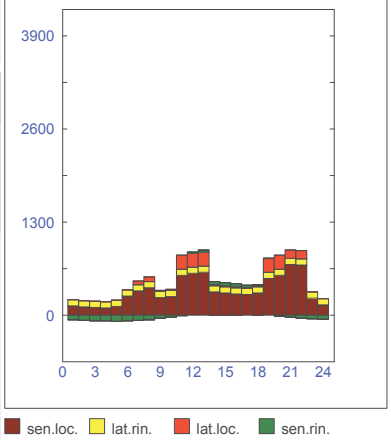
TOTALI: [W]

Carico Massimo teorico 912 **Ora 13**

Latente		Sensibile	
rinnovo	87	rinnovo	30
locale	193	locale	602
Totale	**280**	**Totale**	**632**



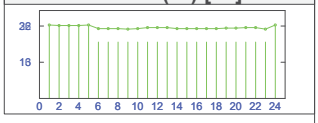
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	687 W
Differenziale termostato	=	1.0 °C
ERmax	=	720 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	26.4	25.0	25.1	25.1	25.0	25.0	25.4	25.4	25.5	25.2	25.1	25.1	25.1	25.1	25.3

Progetto:

STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
11	Frigorifero	1 (9)	75 0	30	75 0	
12	Illuminazione a incandescenza 10W/m²	(10) 90	10 0	80	104 0	

Progetto:

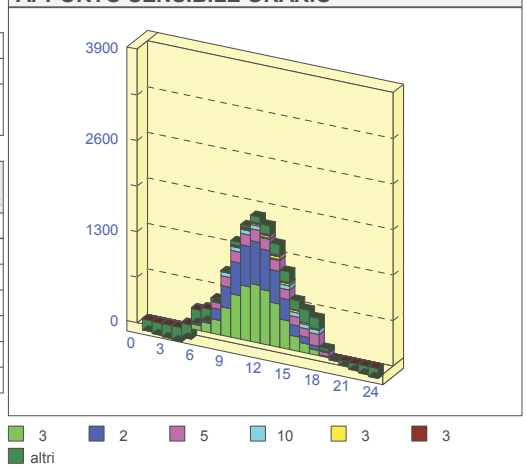
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	011004	Ingresso sud			
Uri = 50	q	largh	lungh	altez	volume
Ta = 28	1	3.40	4.70	3.00	47.9

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 137	1	S	0.24		4.70	3.00	6.58	0.60
02	S.E 234	2	S	1.50		1.00	1.60	3.20	0.39
03	S.E 234	1	S	1.50		1.80	2.40	4.32	0.39
04	P.E 137	1	N	0.24		4.70	3.00	10.90	0.60
05	S.E 234	2	N	1.50		1.00	1.60	3.20	0.39
06	PAV 518	1	U2	0.23		4.70	3.40	15.98	
07	SOF 642	1	U1	0.19		4.70	3.40	15.98	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = CO1

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
08	0.94	32	8.8	
	Qop =	11.000	l/s pers.	

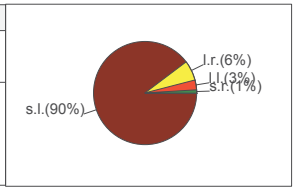
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
09	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
10	Impiegato di ufficio attività moderata amb. 25°C	(1) 5	70 58	70	56 46	
11	Illuminazione a incandescenza 10W/m²	(10) 60	10 0	80	96 0	

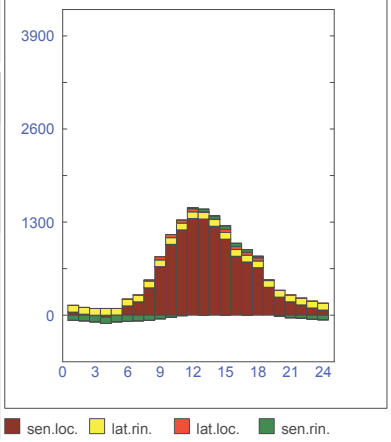
TOTALI: [W]

Carico Massimo teorico 1512 **Ora 12**

Latente		Sensibile	
rinnovo	94	rinnovo	16
locale	46	locale	1355
Totale	**140**	**Totale**	**1371**



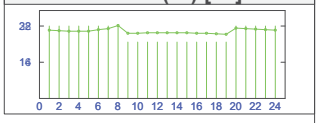
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa = 1557 W
Differenziale termostato = 1.0 °C
ERmax = 1565 W
ERmin = 0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	26.0	26.7	27.1	28.2	25.1	25.3	25.4	25.5	25.5	25.4	25.3	25.2	25.1	25.1	24.9

Progetto:

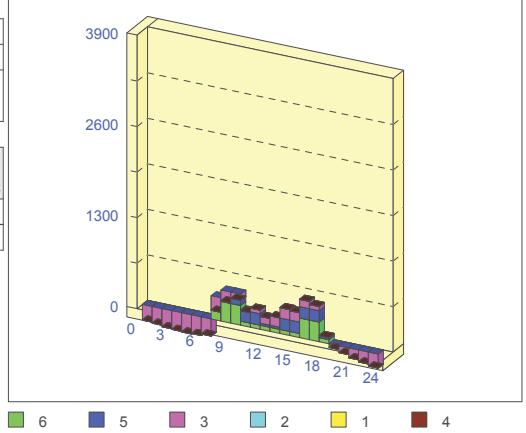
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	011005	Corridoio 2			
Uri = 50	q	largh	lungh	altez	volume
Ta = 28	1	22.00	2.15	3.00	141.9

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	PAV 518	1	U2	0.23		2.15	22.00	47.30	
02	SOF 642	1	U1	0.19		2.15	22.00	47.30	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = CO1

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
03	0.94	94	26.0	
	Qop =	11.000	l/s pers.	

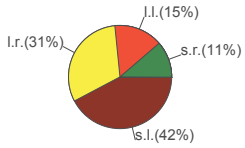
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
04	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
05	Impiegato di ufficio attività moderata amb. 25°C	(2) 5	70 58	70	166 137	
06	Illuminazione a incandescenza 10W/m²	(28) 60	10 0	80	284 0	

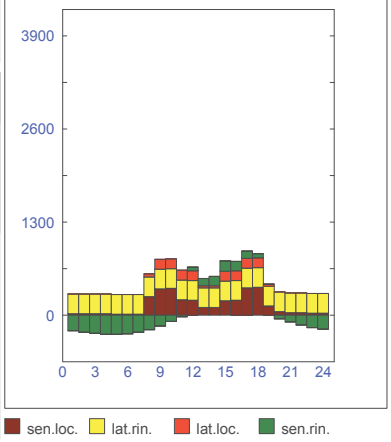
TOTALI: [W]

Carico Massimo teorico 900 **Ora 17**

Latente		Sensibile	
rinnovo	279	rinnovo	102
locale	137	locale	381
Totale	**416**	**Totale**	**483**



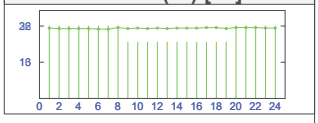
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	523 W
Differenziale termostato	=	1.0 °C
ERmax	=	569 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.0	25.0	25.0	25.5	25.2	25.2	25.1	25.2	25.1	25.2	25.3	25.3	25.4	25.4	25.1

Progetto:

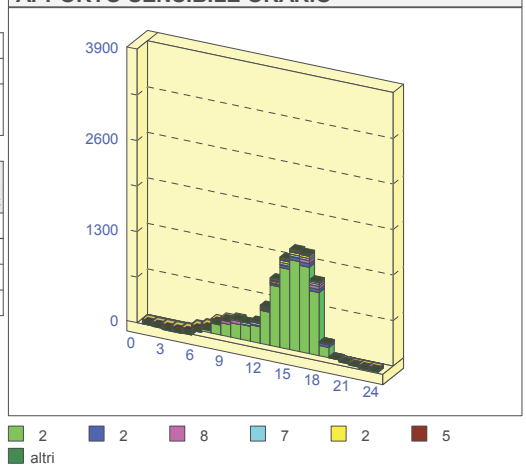
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	011006	Ingresso ovest			
Uri = 50	q	largh	lungh	altez	volume
Ta = 28	1	2.20	3.60	3.00	23.8

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	W	0.26		2.20	3.00	2.40	0.60
02	S.E 234	1	W	1.50		1.40	3.00	4.20	0.39
03	PAV 518	1	U2	0.23		3.60	2.20	7.92	
04	SOF 642	1	U1	0.19		3.60	2.20	7.92	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = CO1

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
05	0.94	16	4.4	
	Qop =	11.000	l/s pers.	

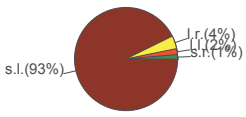
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
06	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
07	Impiegato di ufficio attività moderata amb. 25°C	(0) 5	70 58	70	28 23	
08	Illuminazione a incandescenza 10W/m²	(5) 60	10 0	80	48 0	

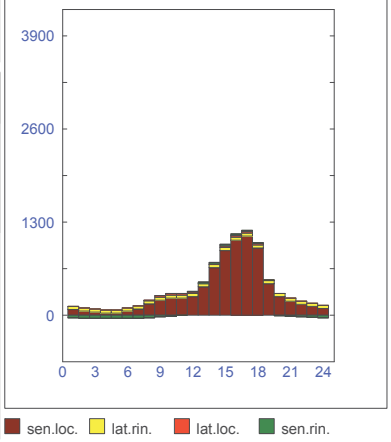
TOTALI: [W]

Carico Massimo teorico 1195 **Ora 17**

Latente		Sensibile	
rinnovo	47	rinnovo	17
locale	23	locale	1108
Totale	**70**	**Totale**	**1125**



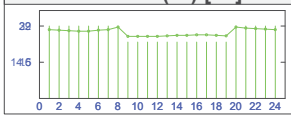
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	1184 W
Differenziale termostato	=	1.0 °C
ERmax	=	1187 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	26.9	27.3	27.7	28.5	24.9	24.9	24.9	24.9	25.0	25.2	25.4	25.5	25.5	25.4	25.0

Progetto:

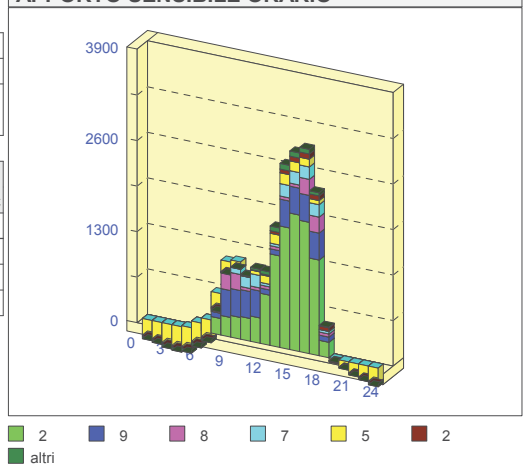
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	011007	**Ufficio-magazzino**			
Uri = 50	q	largh	lungh	altez	volume
Ta = 28	1	3.90	6.60	3.00	77.2

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	W	0.26		6.60	3.00	13.44	0.60
02	S.E 234	2	W	1.50		1.20	2.65	6.36	0.39
03	PAV 518	1	U2	0.23		6.60	3.90	25.74	
04	SOF 642	1	U1	0.19		6.60	3.90	25.74	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = UF1

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
05	1.89	102	28.3	
	Qop =	11.000	l/s pers.	

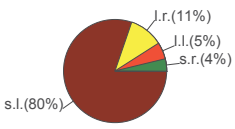
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
06	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
07	Impiegato di ufficio attività moderata amb. 25°C	(3) 10	70 58	70	180 149	
08	Illuminazione a incandescenza 10W/m²	(23) 90	10 0	80	232 0	
09	Personal Computer	(3) 10	150 0	50	386 0	

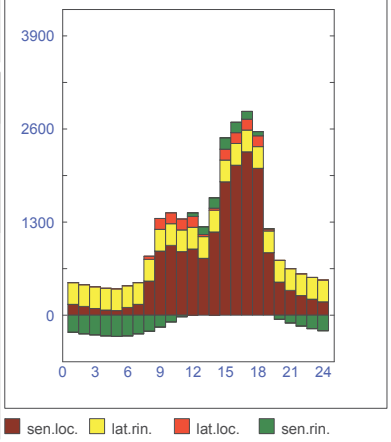
TOTALI: [W]

Carico Massimo teorico 2857 **Ora 17**

Latente		Sensibile	
rinnovo	304	rinnovo	111
locale	149	locale	2292
Totale	**453**	**Totale**	**2403**



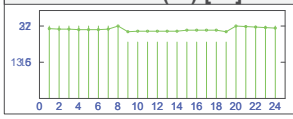
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa = 2514 W
Differenziale termostato = 1.0 °C
ERmax = 2534 W
ERmin = 0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	32.0	32.0	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.6	25.7	25.9	27.0	25.0	25.0	25.0	25.0	25.0	25.1	25.4	25.4	25.5	25.4	25.0

Progetto:

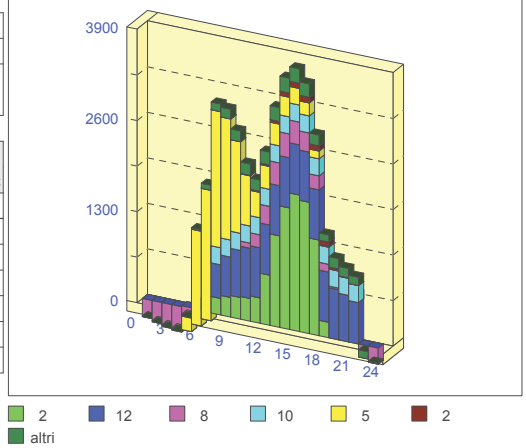
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

DESCRIZIONE DI OGNI AMBIENTE

AMBIENTE :	011008	Spazio socializzazio			
Uri = 50	q	largh	lungh	altez	volume
Ta = 26	1	7.60	11.80	3.50	313.9

nr	Co-str	q	es	U W/mK	dt K	lungh m	al/la m	A m²	alfa/ Ft·g·Fc
01	P.E 139	1	W	0.26		7.60	3.50	20.24	0.60
02	S.E 234	2	W	1.50		1.20	2.65	6.36	0.39
03	P.E 139	1	S	0.26		11.80	3.50	41.30	0.60
04	P.E 139	1	E	0.26		7.60	3.50	20.24	0.60
05	S.E 234	2	E	1.50		1.20	2.65	6.36	0.39
06	PAV 518	1	U2	0.23		11.80	7.60	89.68	
07	SOF 642	1	U1	0.19		11.80	7.60	89.68	

APPORTO SENSIBILE ORARIO



RICAMBI APPORTI: chiave = ABT-G

nr	ricambi rinnovo	portata m³/h	aria l/s	prog. oraria
08	0.70	154	42.7	
	Qop =	11.911	l/s pers.	

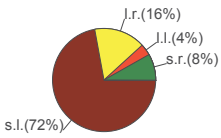
nr	ricambi infiltraz.	portata m³/h	aria l/s	prog. oraria
09	0.00	0	0.0	

nr	Descrizione apporti	N ns	sensibile latente	% rad	Tot sen[W] Tot lat[W]	Prog. oraria
10	Persona seduta a riposo amb. 25°C	(4) 4	67 38	70	240 136	
11	Illuminazione a incandescenza	1 (1)	80 0	80	80 0	
12	Apparecchi audiovisivi	(4) 4	200 0	50	717 0	

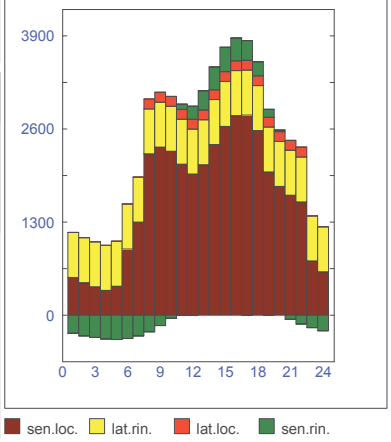
TOTALI: [W]

Carico Massimo teorico 3890 **Ora 16**

Latente		Sensibile	
rinnovo	630	rinnovo	321
locale	136	locale	2802
Totale	**766**	**Totale**	**3123**



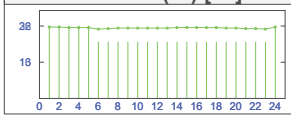
CARICO TOTALE ORARIO



SIMULAZIONE DI FUNZIONAMENTO

Potenza sensibile rimossa	=	3006 W
Differenziale termostato	=	1.0 °C
ERmax	=	3012 W
ERmin	=	0 W

TERMOSTATO (T) [°C]
TEMP. REALE (Tr) [°C]



Ora	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
T	32.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Tr	25.5	24.9	25.0	25.2	25.3	25.3	25.3	25.3	25.3	25.4	25.5	25.5	25.5	25.4	25.3

Progetto:

STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

PROFILO ORARIO DEL CARICO TERMICO GLOBALE DEL GIORNO 21 Luglio (ora solare)

Ora	7	8	9	10	11	12	13	14
W	14777	21381	22109	22098	21444	20713	21414	22105
Ora	15	16	17	18	19	20	21	22
W	23947	23576	23224	21115	16160	14695	13626	12619

RIEPILOGO CARICO TERMICO ESTIVO MESE: Luglio

denominazione zona	dati risultati dall'analisi in regime continuo					potenze di picco unità terminali		
		portata di ventilaz in l/s ; carichi in W				pot necess	a.prim.+FC	tutta aria
	tbs °C	volume	**ora critica**	**sens. loc**	laten. loc	sensibile	tbs di imm	tbs di imm
	UR %	***port. rinn***	***carico tot***	*sens. rinn*	*laten. rinn*	*totale*	*potenza FC*	*portata l/s*
GLOBALE EDIFICIO		1499	15	17151	1160			
		274.1	*23947*	*1965*	*3672*			
01 UNICO		1499	15	17151	1160			
		274.1	*23947*	*1965*	*3672*			
0101 ALLOGGIO 1		**86**	**13**	**1023**	**57**			
		13.4	***1362***	***84***	***198***			
01 Soggiorno-cottura	26	47	13	522	34	579		
	50	*9.2*	*748*	*57*	*135*	*748*		
02 Camera	26	31	8	556	23	533		
	50	*4.3*	*619*	*-23*	*63*	*619*		
03 Bagno	25	8	1	0	0	0		
	50	*0.0*	*0*	*0*	*0*	*0*		
0102 ALLOGGIO 2		**96**	**8**	**1538**	**63**			
		15.3	***1743***	***-83***	***226***			
01 Soggiorno-cottura	26	57	9	1448	41	1411		
	50	*11.0*	*1614*	*-37*	*162*	*1614*		
02 Camera	26	31	23	103	22	85		
	50	*4.3*	*171*	*-18*	*63*	*171*		
03 Bagno	25	9	1	0	0	0		
	50	*0.0*	*0*	*0*	*0*	*0*		
0103 ALLOGGIO 3		**95**	**8**	**1629**	**62**			
		15.0	***1830***	***-81***	***221***			
01 Soggiorno-cottura	26	55	9	1530	40	1494		
	50	*10.7*	*1691*	*-36*	*157*	*1691*		
02 Camera	26	31	15	40	22	74		
	50	*4.3*	*160*	*34*	*63*	*160*		
03 Bagno	25	9	1	0	0	0		
	50	*0.0*	*0*	*0*	*0*	*0*		
0104 ALLOGGIO 4		**95**	**8**	**1629**	**62**			
		15.0	***1830***	***-81***	***221***			
01 Soggiorno-cottura	26	55	9	1530	40	1494		
	50	*10.7*	*1691*	*-36*	*157*	*1691*		
02 Camera	26	31	15	40	22	74		
	50	*4.3*	*160*	*34*	*63*	*160*		
03 Bagno	25	9	1	0	0	0		
	50	*0.0*	*0*	*0*	*0*	*0*		
0105 ALLOGGIO 5		**95**	**8**	**1567**	**62**			
		15.0	***1769***	***-82***	***222***			
01 Soggiorno-cottura	26	57	9	1055	41	1017		
	50	*11.1*	*1223*	*-37*	*164*	*1223*		
02 Camera	26	28	23	86	20	70		
	50	*3.9*	*147*	*-16*	*57*	*147*		
03 Bagno	25	10	8	436	0	436		
	50	*0.0*	*436*	*0*	*0*	*436*		

Progetto:

STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

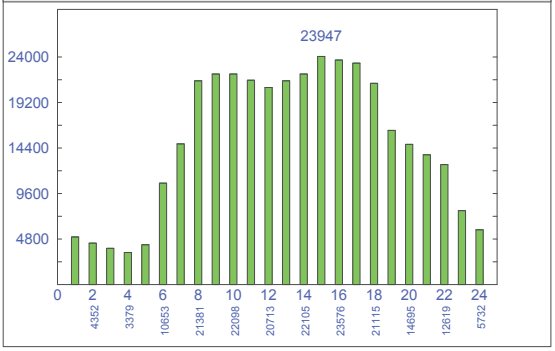
denominazione zona	dati risultati dall'analisi in regime continuo					potenze di picco unità terminali		
		portata di ventilaz in l/s ; carichi in W				pot necess	a.prim.+FC	tutta aria
	tbs °C	volume	**ora critica**	**sens. loc**	laten. loc	sensibile	tbs di imm	tbs di imm
	UR %	***port. rinn***	***carico tot***	*sens. rinn*	*laten. rinn*	*totale*	*potenza FC*	*portata l/s*
0106 ALLOGGIO 6		**109**	**8**	**1551**	**73**			
		17.8	***1790***	***-97***	***263***			
01 Soggiorno-cottura	26	70	9	873	50	827		
	50	*13.5*	*1077*	*-45*	*200*	*1077*		
02 Camera	26	31	8	694	22	671		
	50	*4.3*	*756*	*-23*	*63*	*756*		
03 Bagno	25	8	1	0	0	0		
	50	*0.0*	*0*	*0*	*0*	*0*		
0107 ALLOGGIO 7		**115**	**16**	**2578**	**50**			
		17.8	***3024***	***134***	***262***			
01 Soggiorno-cottura	26	54	17	2096	50	2163		
	50	*10.5*	*2369*	*67*	*155*	*2369*		
02 Camera	26	52	8	1468	38	1429		
	50	*7.2*	*1573*	*-39*	*107*	*1573*		
03 Bagno	25	8	1	0	0	0		
	50	*0.0*	*0*	*0*	*0*	*0*		
0108 ALLOGGIO 8		**88**	**8**	**1496**	**57**			
		13.7	***1681***	***-75***	***202***			
01 Soggiorno-cottura	26	49	9	811	35	779		
	50	*9.4*	*953*	*-32*	*139*	*953*		
02 Camera	26	31	8	690	22	666		
	50	*4.3*	*752*	*-23*	*63*	*752*		
03 Bagno	25	8	1	0	0	0		
	50	*0.0*	*0*	*0*	*0*	*0*		
0109 ALLOGGIO 9		**101**	**8**	**1557**	**67**			
		16.3	***1776***	***-89***	***240***			
01 Soggiorno-cottura	26	62	9	869	45	829		
	50	*12.0*	*1051*	*-40*	*177*	*1051*		
02 Camera	26	31	8	690	22	666		
	50	*4.3*	*752*	*-23*	*63*	*752*		
03 Bagno	25	8	1	0	0	0		
	50	*0.0*	*0*	*0*	*0*	*0*		
0110 SPAZI COMUNI		**620**	**17**	**9258**	**568**			
		134.7	***12079***	***635***	***1617***			
01 Lavanderia	28	28	21	708	120	673		
	50	*9.2*	*892*	*-34*	*99*	*892*		
02 Corridoio 1	28	145	17	1416	38	1445		
	50	*7.2*	*1561*	*28*	*78*	*1561*		
03 Stireria	28	24	13	602	193	633		
	50	*8.1*	*912*	*30*	*87*	*912*		
04 Ingresso sud	28	34	12	1355	46	1372		
	50	*8.8*	*1512*	*16*	*94*	*1512*		
05 Corridoio 2	28	99	17	381	137	484		
	50	*26.0*	*900*	*102*	*279*	*900*		
06 Ingresso ovest	28	17	17	1108	23	1125		
	50	*4.4*	*1195*	*17*	*47*	*1195*		
07 Ufficio-magazzino	28	54	17	2292	149	2403		
	50	*28.3*	*2857*	*111*	*304*	*2857*		
08 Spazio socializzazione	26	220	16	2802	136	3123		
	50	*42.7*	*3890*	*321*	*630*	*3890*		

Progetto:

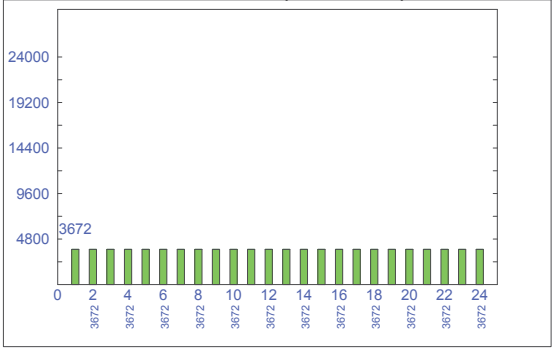
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI EDIFICIO [W]

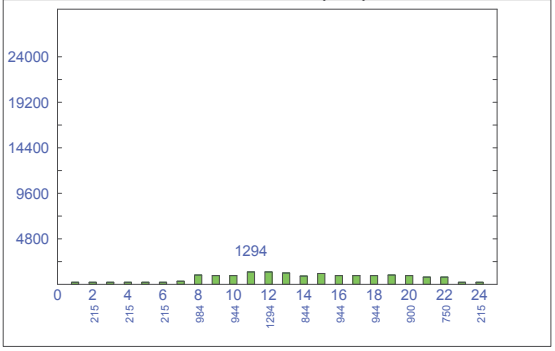
Carico totale



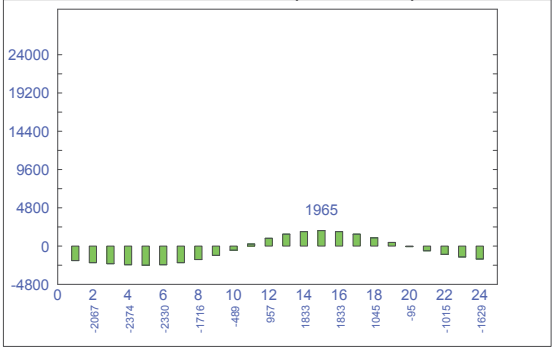
Carico latente (ventilazione)



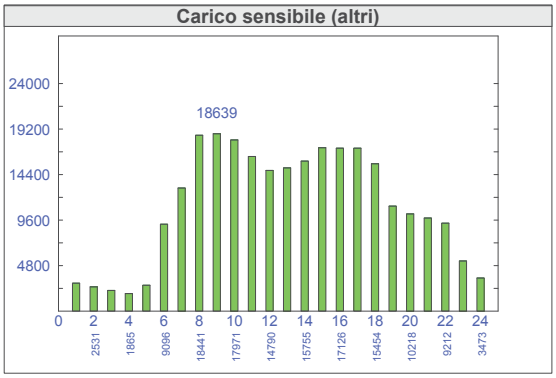
Carico latente (altri)



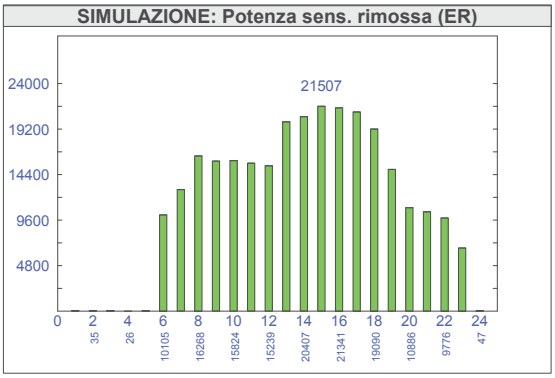
Carico sensibile (ventilazione)



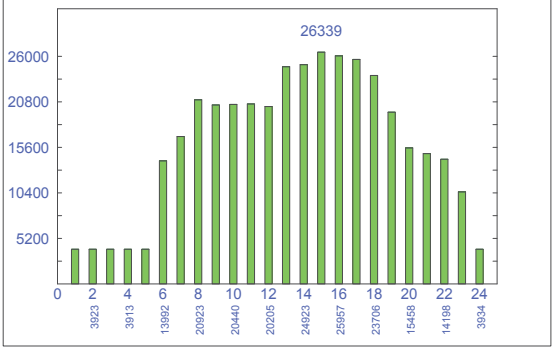
Carico sensibile (altri)



SIMULAZIONE: Potenza sens. rimossa (ER)



SIMULAZIONE: Pot. tot. rimossa (ER+LAT)

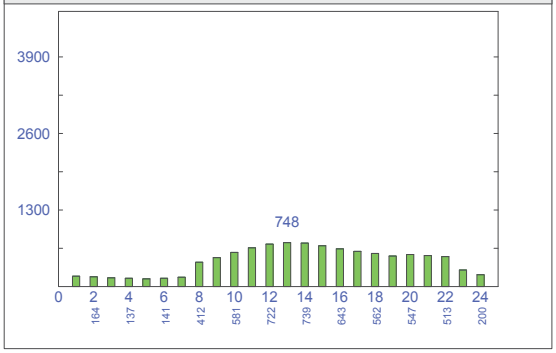


Progetto:

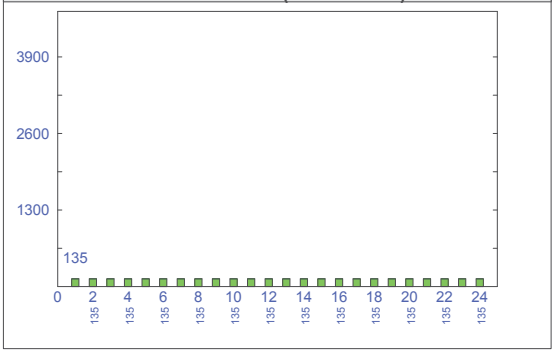
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010101 Soggiorno-cottura

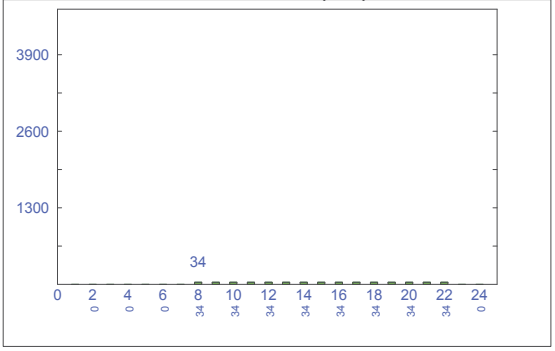
Carico totale



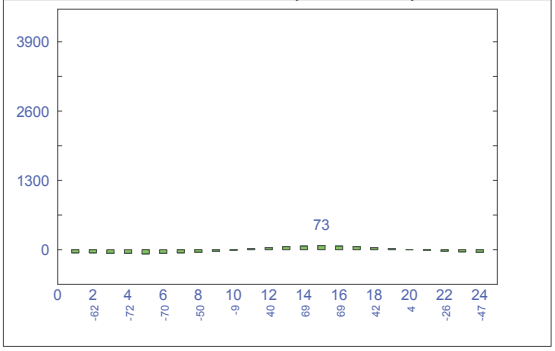
Carico latente (ventilazione)



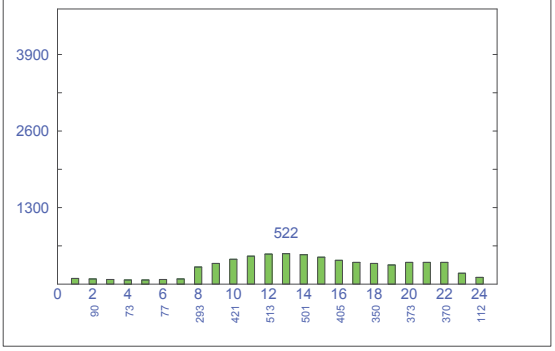
Carico latente (altri)



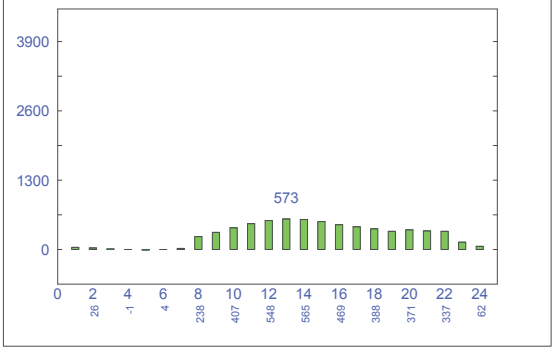
Carico sensibile (ventilazione)



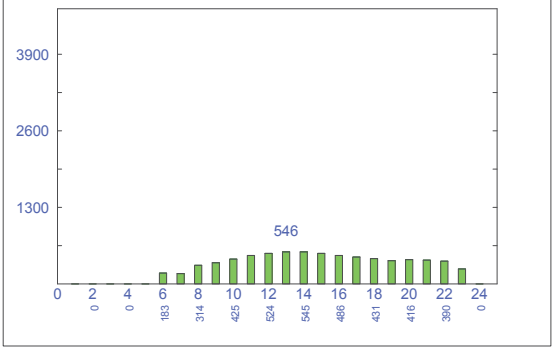
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

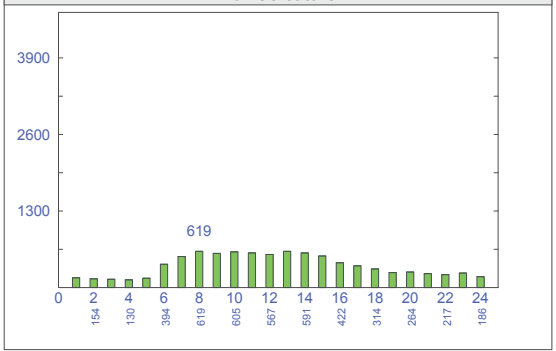


Progetto:

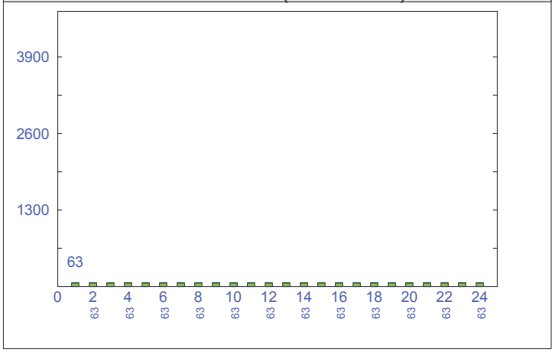
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010102 Camera

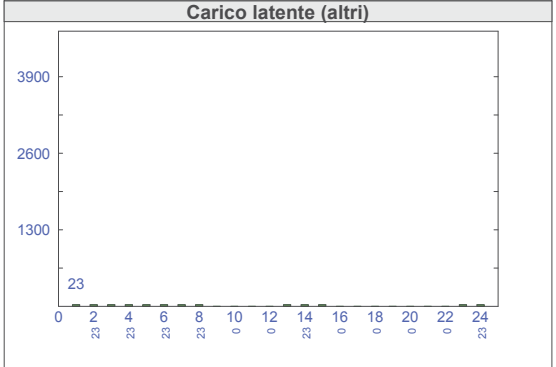
Carico totale



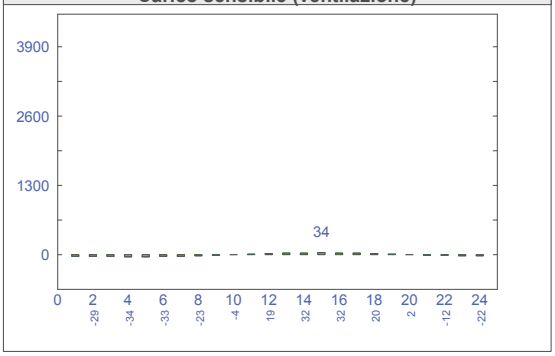
Carico latente (ventilazione)



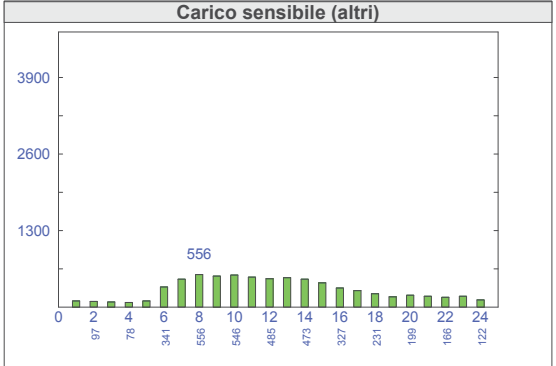
Carico latente (altri)



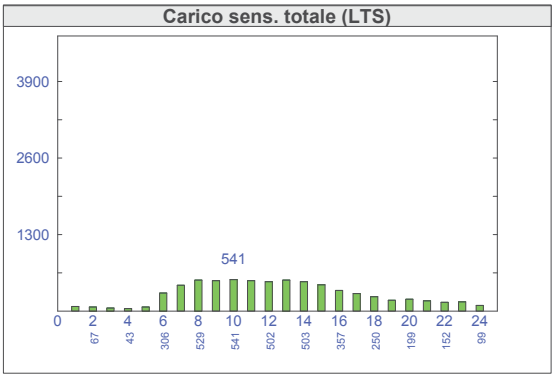
Carico sensibile (ventilazione)



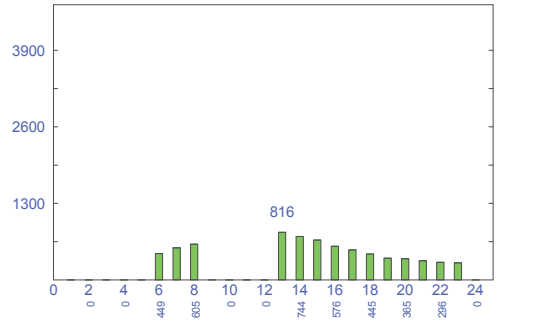
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



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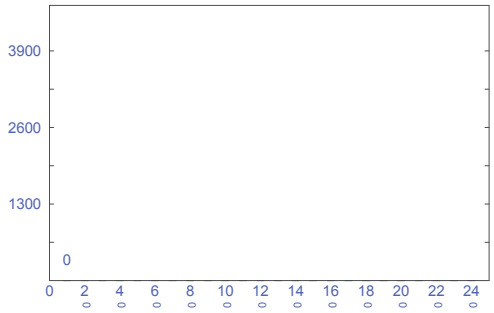
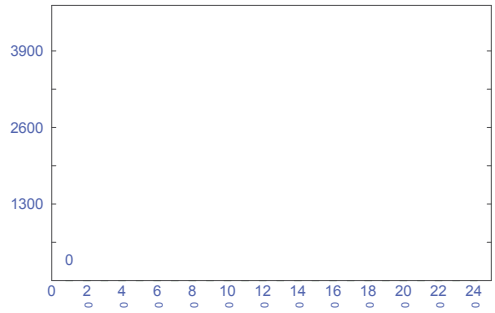
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010103 Bagno

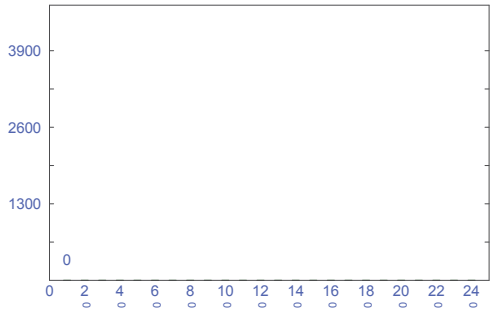
Carico totale



Carico latente (ventilazione)



Carico latente (altri)



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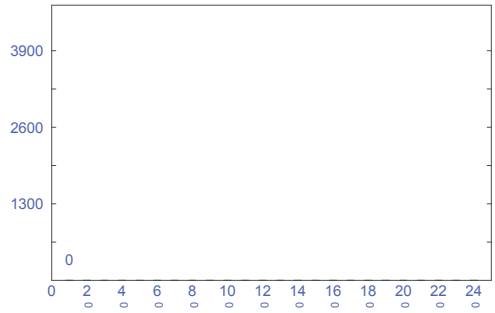
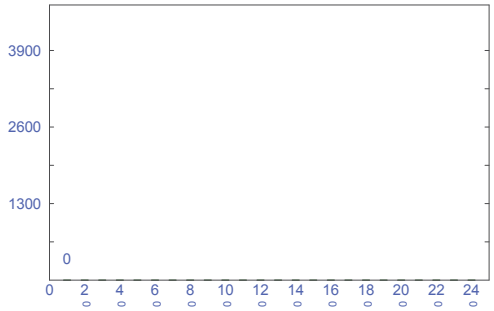
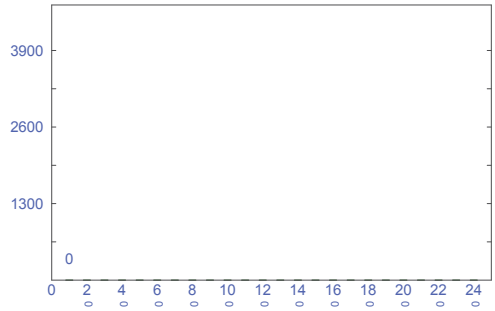


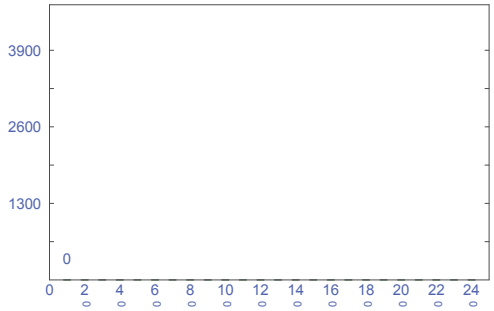
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



Progetto:

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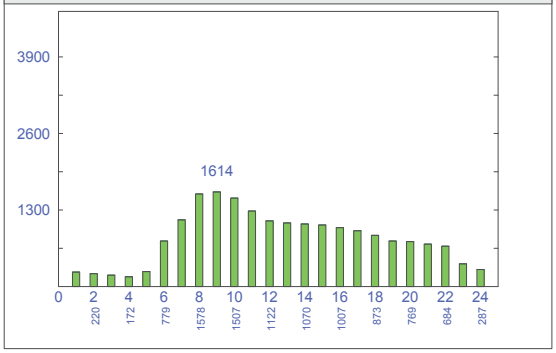
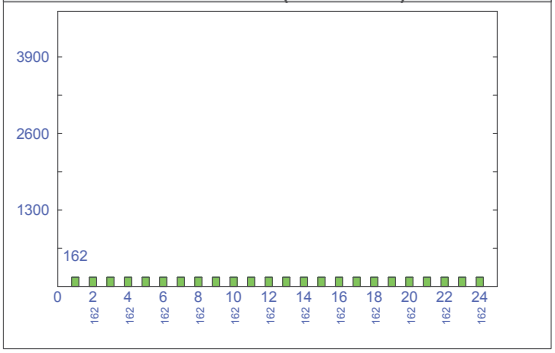
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010201 Soggiorno-cottura

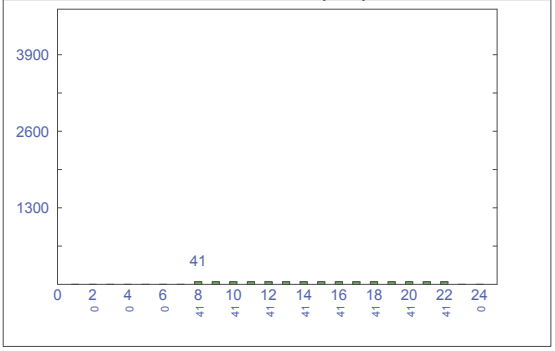
Carico totale



Carico latente (ventilazione)



Carico latente (altri)



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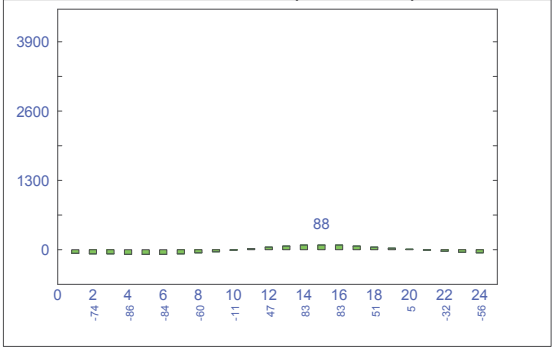
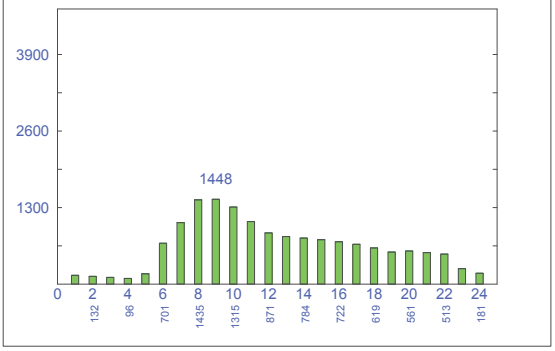
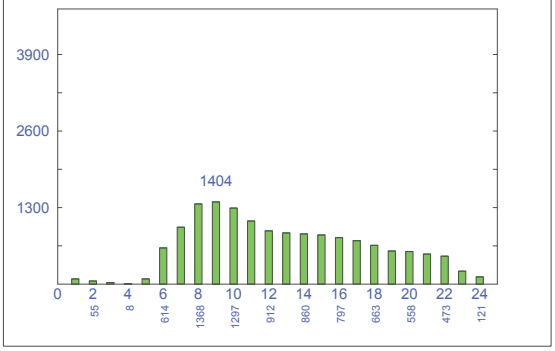


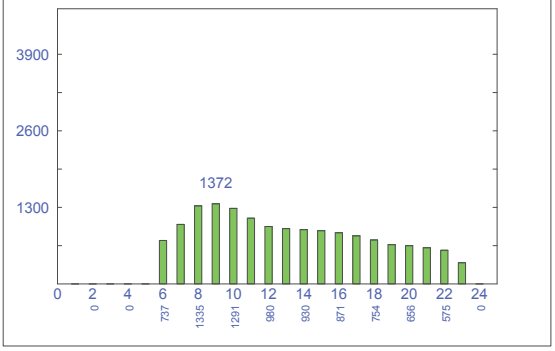
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

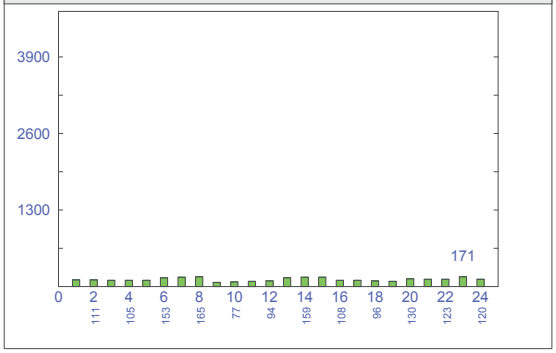


Progetto:

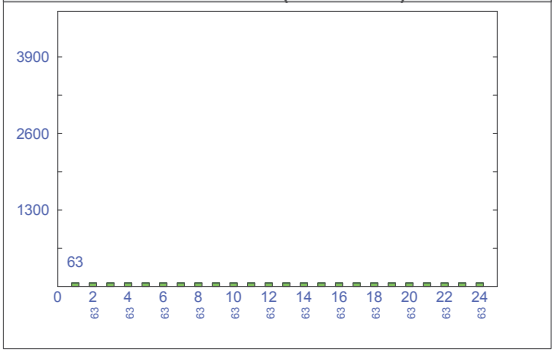
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010202 Camera

Carico totale



Carico latente (ventilazione)



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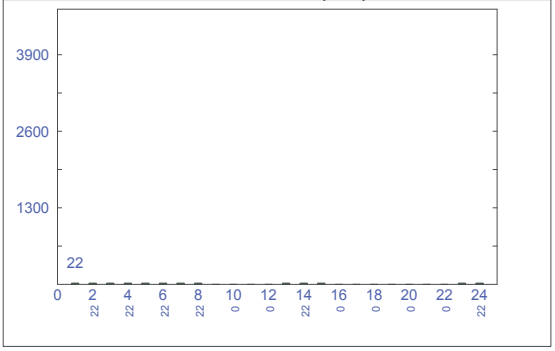

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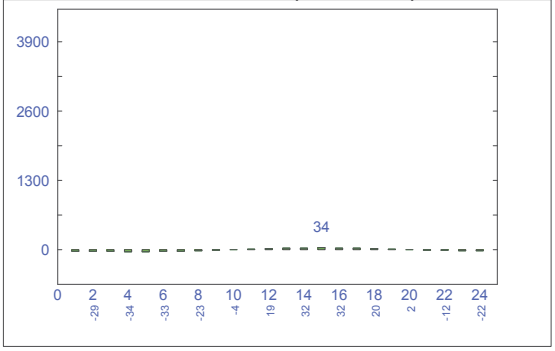
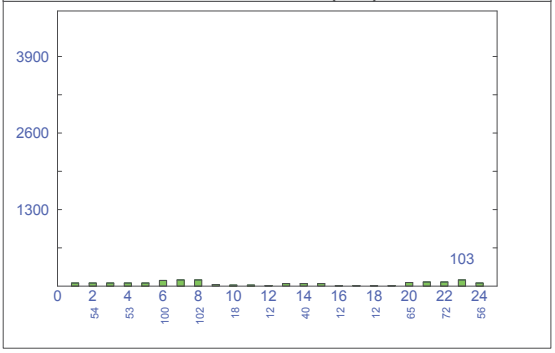
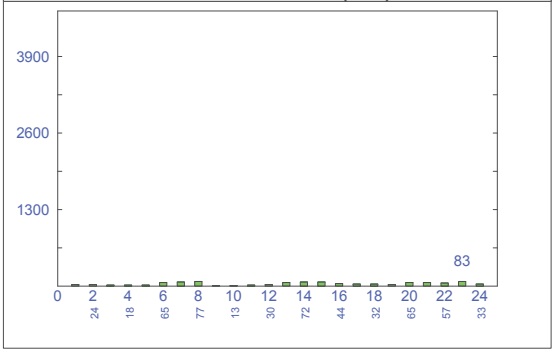


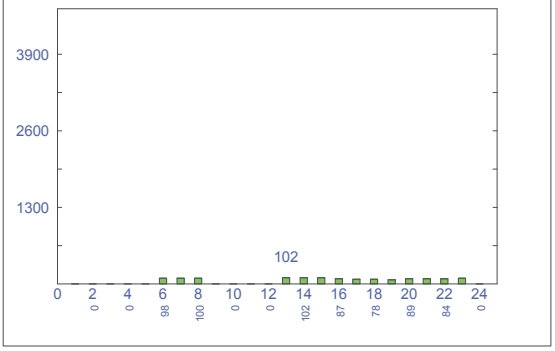
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



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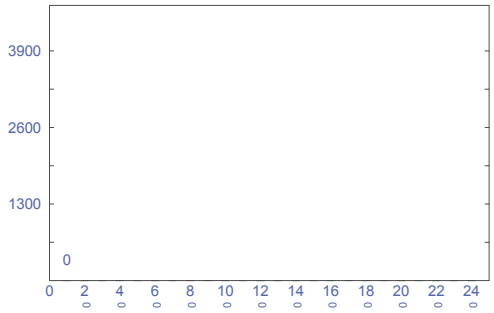
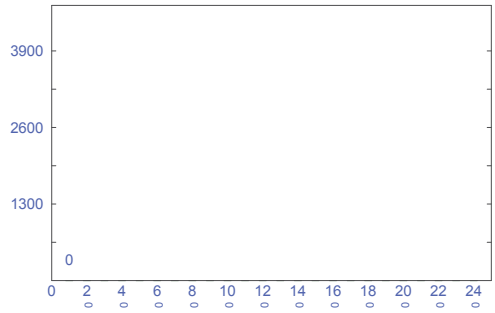
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010203 Bagno

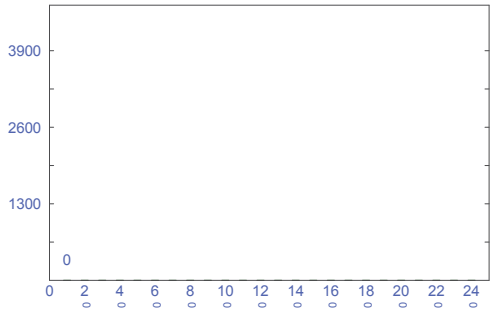
Carico totale



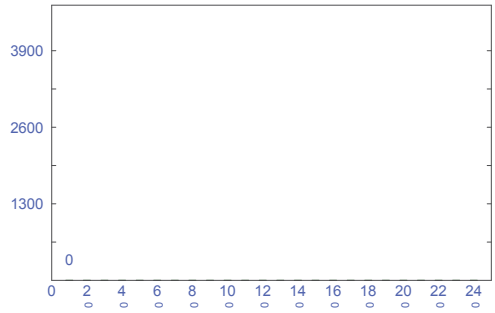
Carico latente (ventilazione)



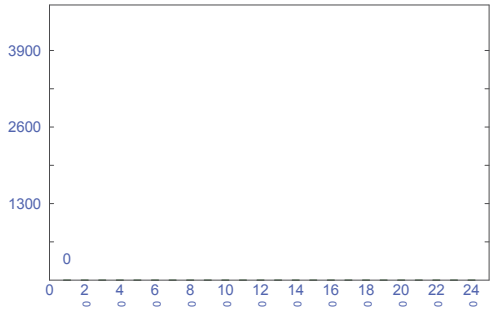
Carico latente (altri)



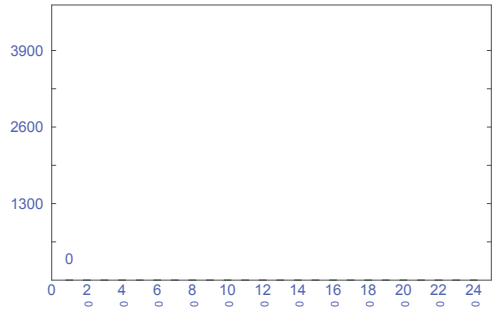
Carico sensibile (ventilazione)



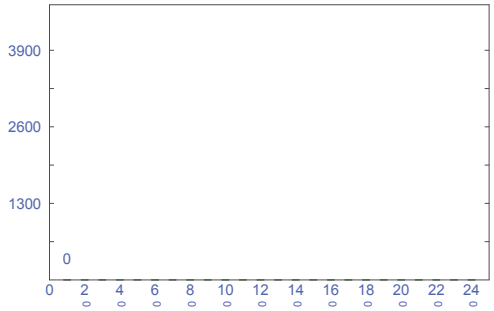
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

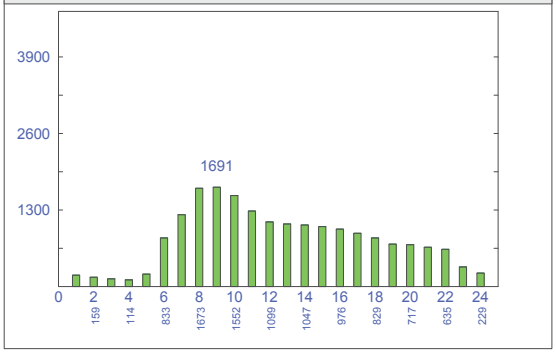


Progetto:

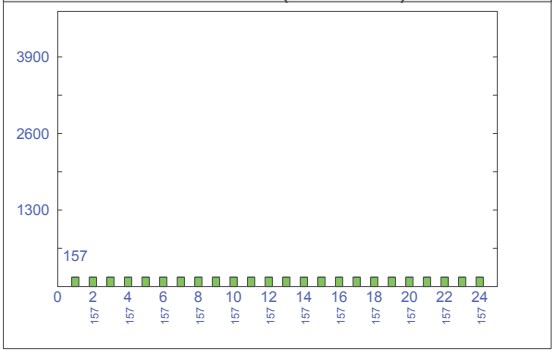
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010301 Soggiorno-cottura

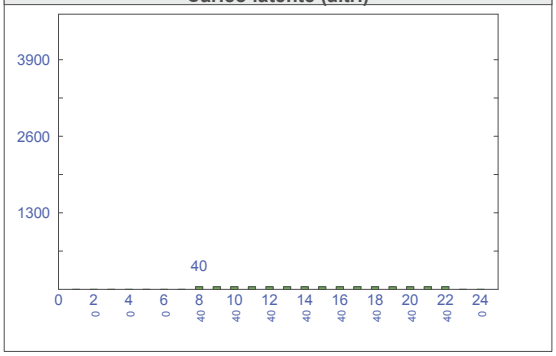
Carico totale



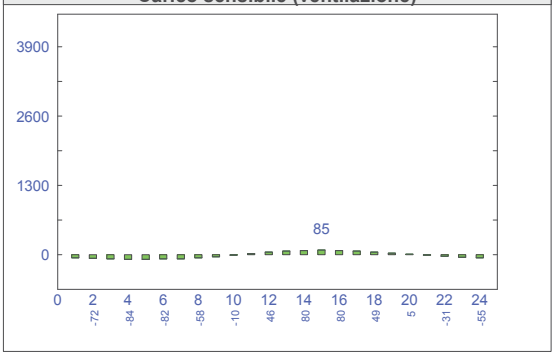
Carico latente (ventilazione)



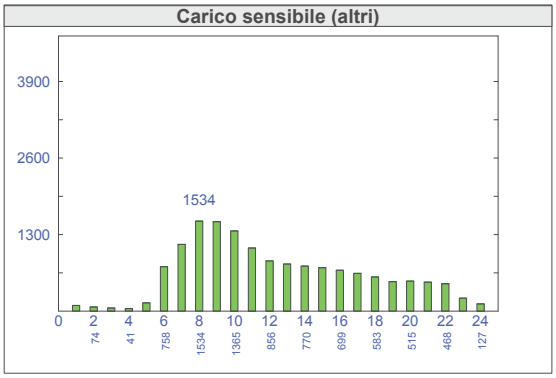
Carico latente (altri)



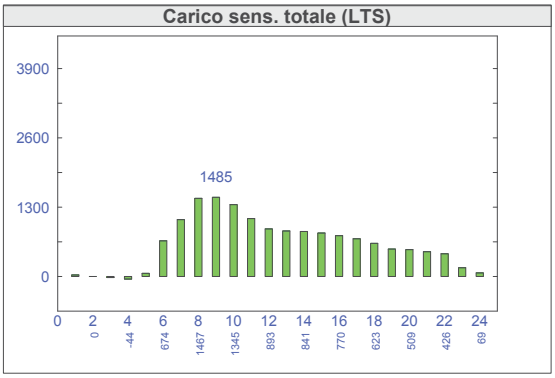
Carico sensibile (ventilazione)



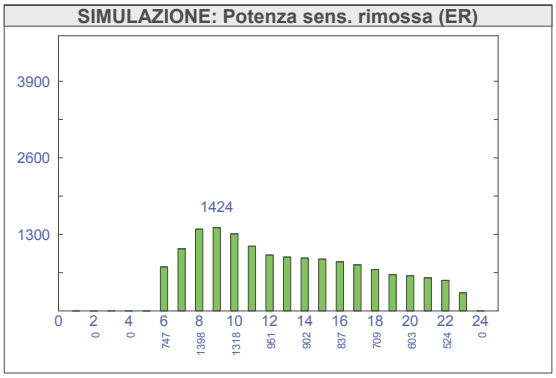
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

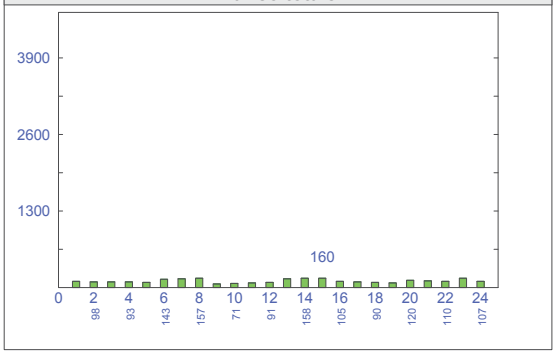


Progetto:

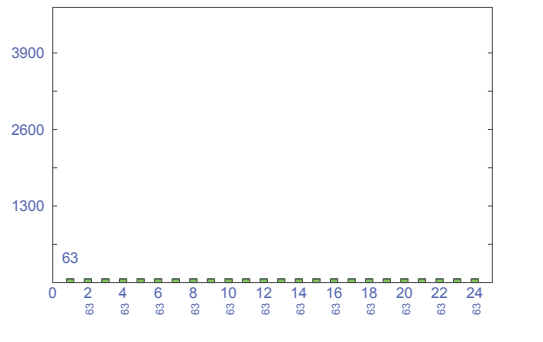
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010302 Camera

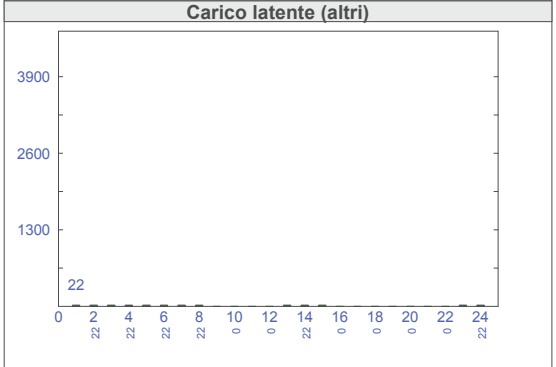
Carico totale



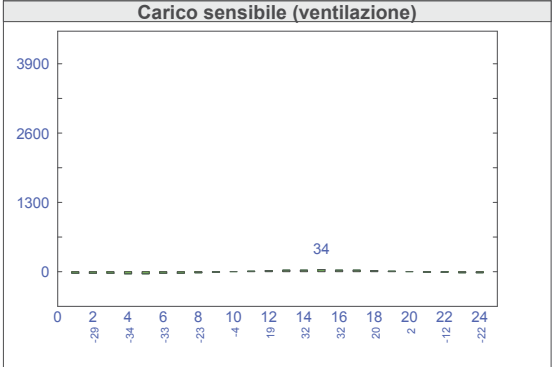
Carico latente (ventilazione)



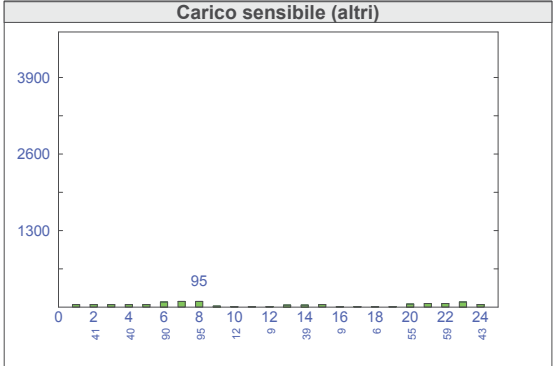
Carico latente (altri)



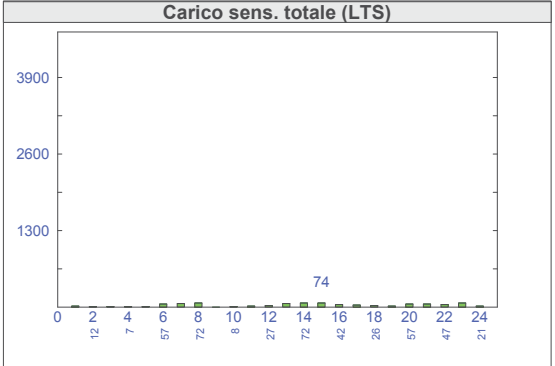
Carico sensibile (ventilazione)



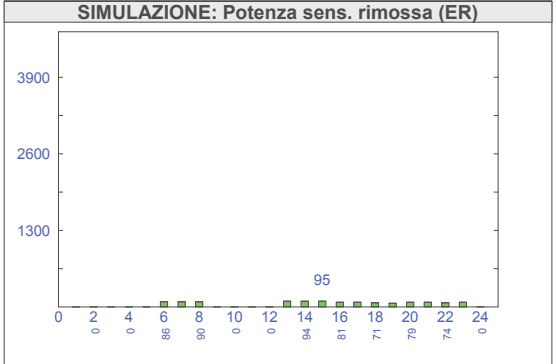
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

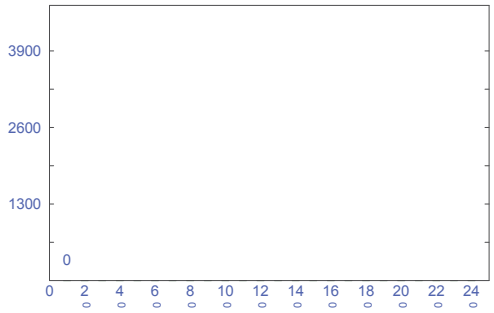


Progetto:

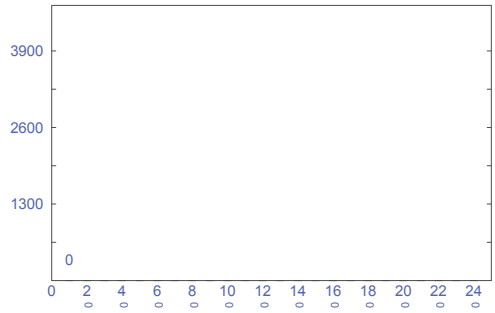
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010303 Bagno

Carico totale



Carico latente (ventilazione)



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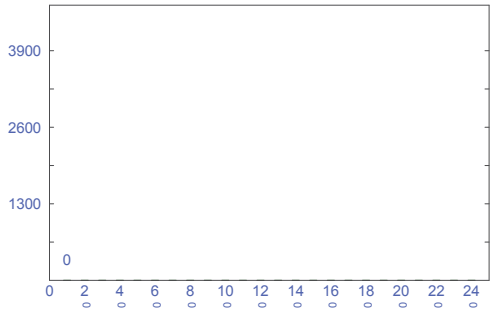
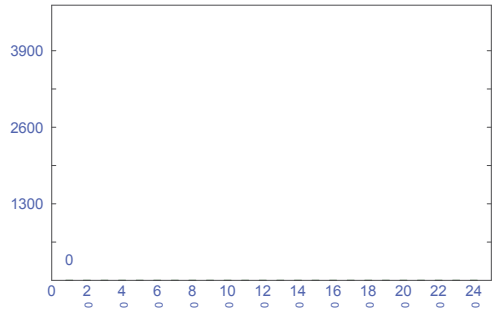
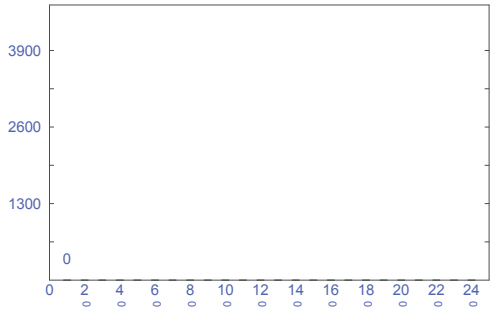


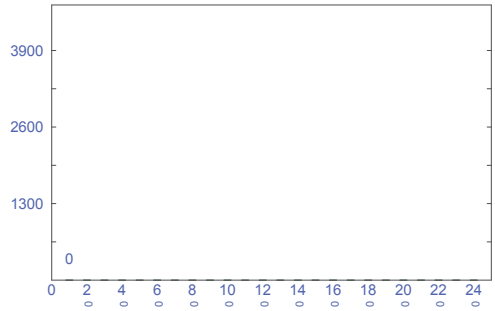
Carico sensibile (ventilazione)



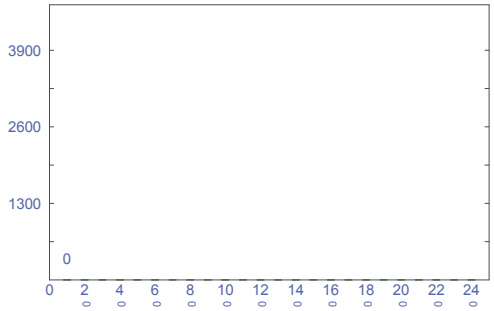
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

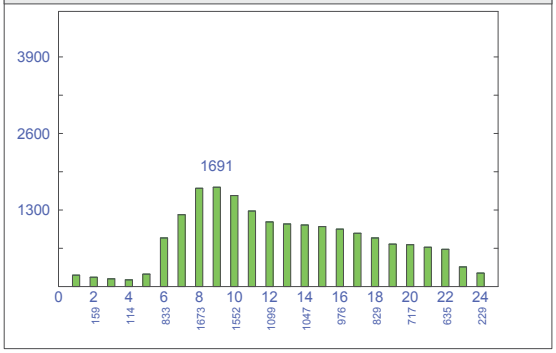


Progetto:

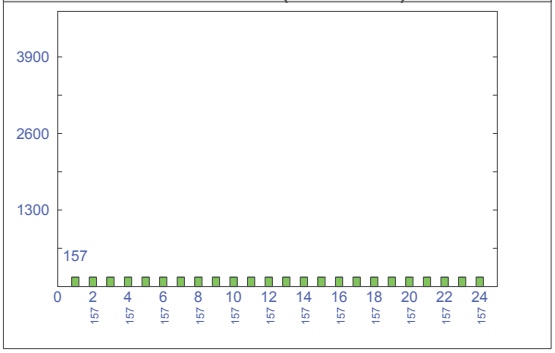
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010401 Soggiorno-cottura

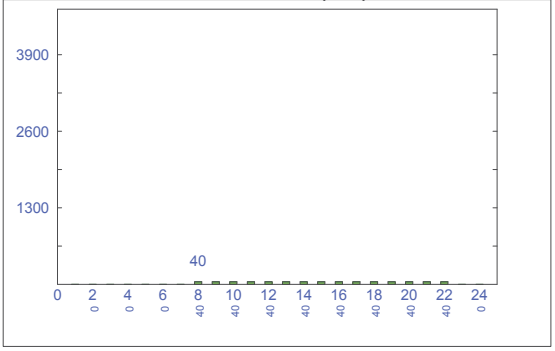
Carico totale



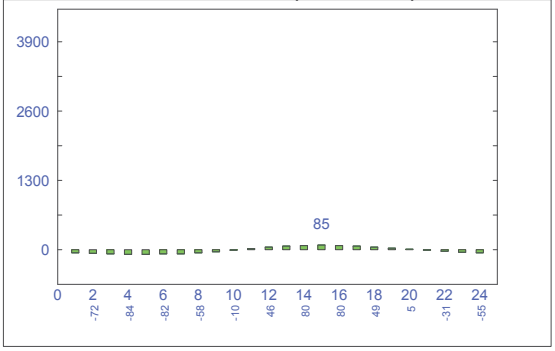
Carico latente (ventilazione)



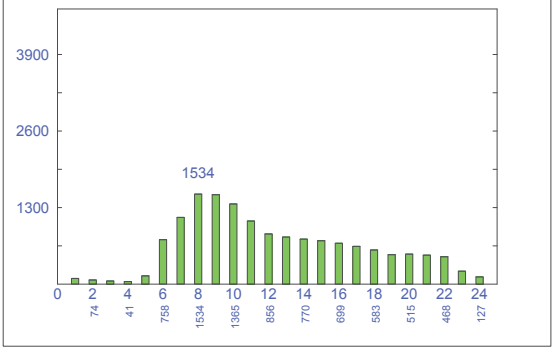
Carico latente (altri)



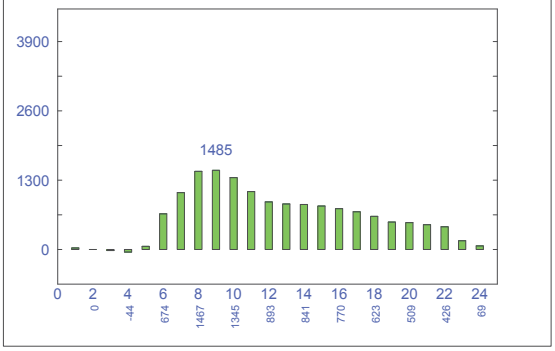
Carico sensibile (ventilazione)



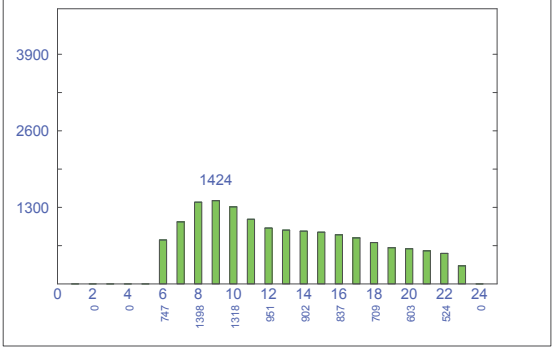
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

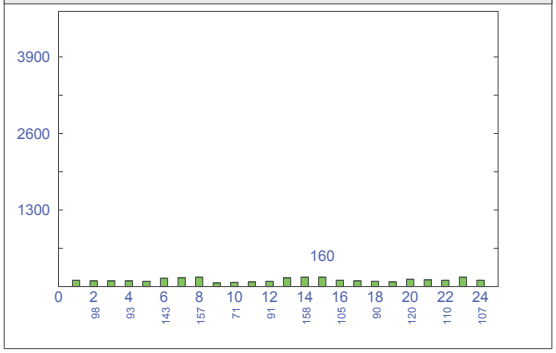


Progetto:

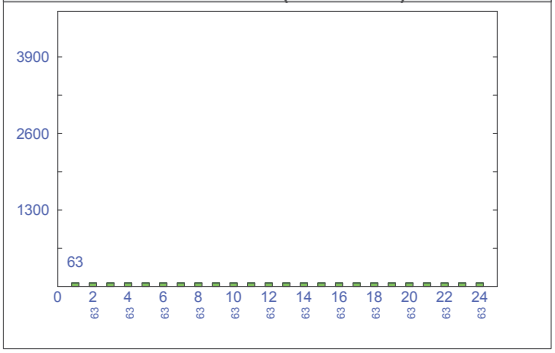
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010402 Camera

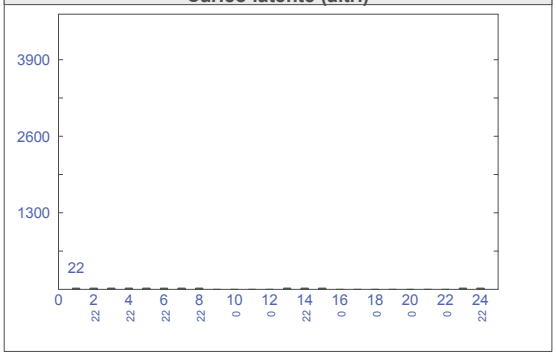
Carico totale



Carico latente (ventilazione)



Carico latente (altri)



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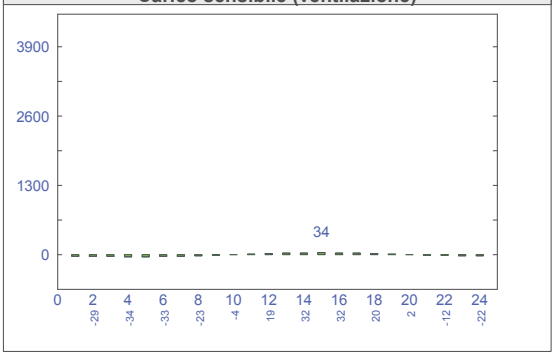

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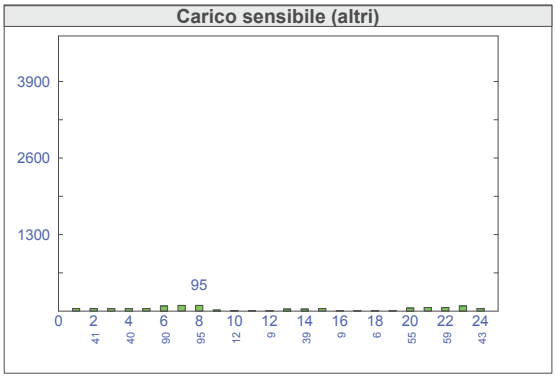
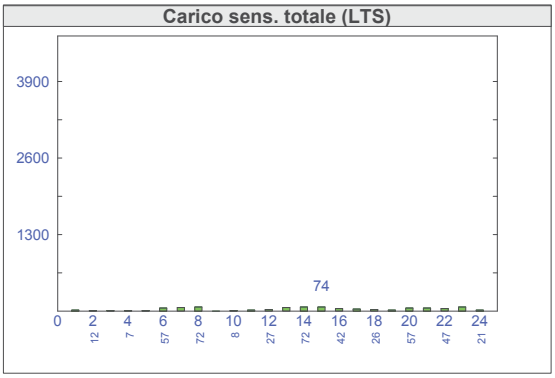
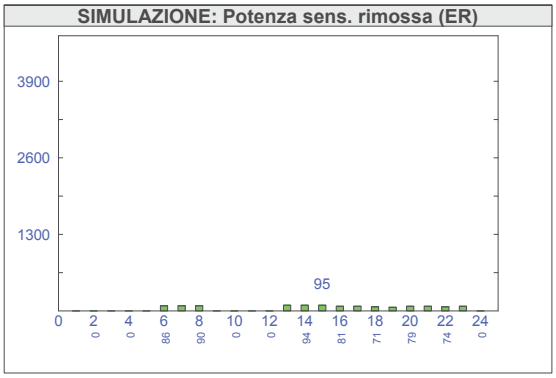


Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

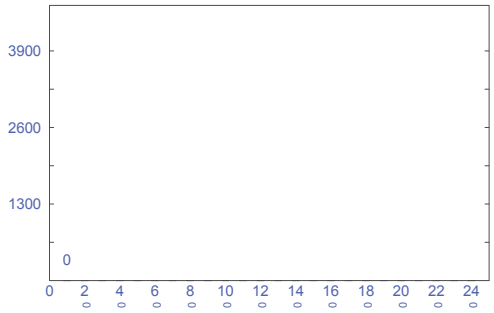


Progetto:

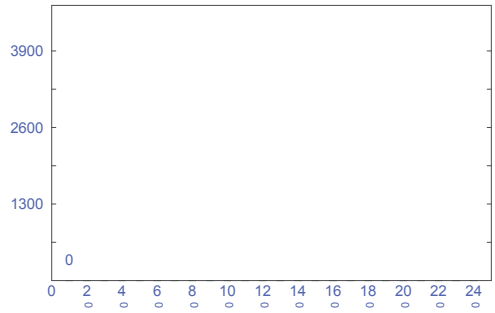
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010403 Bagno

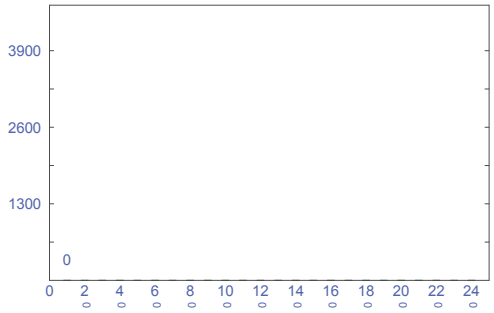
Carico totale



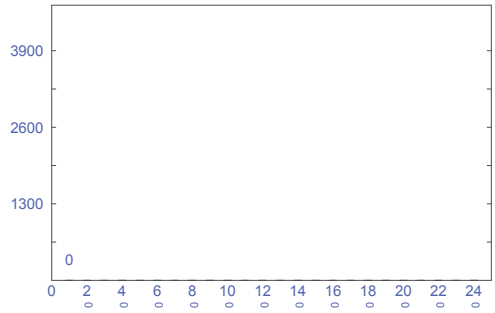
Carico latente (ventilazione)



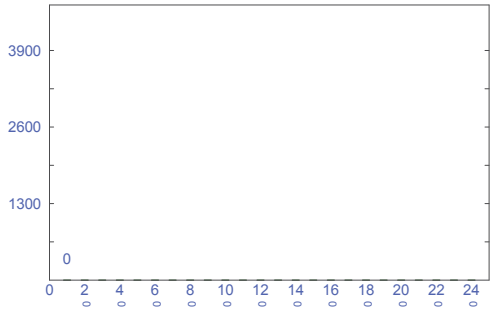
Carico latente (altri)



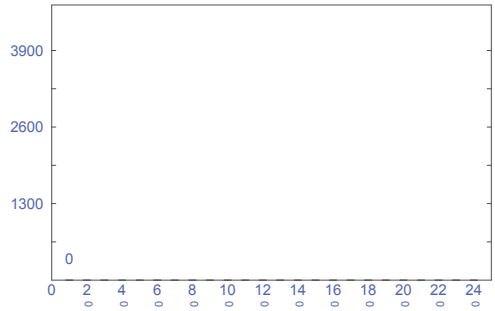
Carico sensibile (ventilazione)



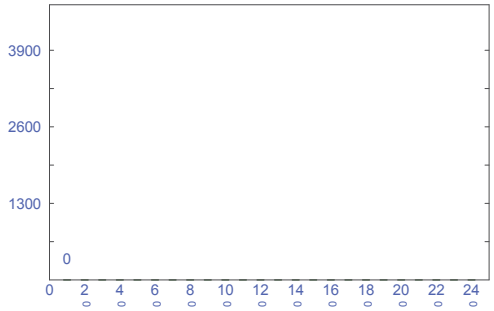
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



Progetto:

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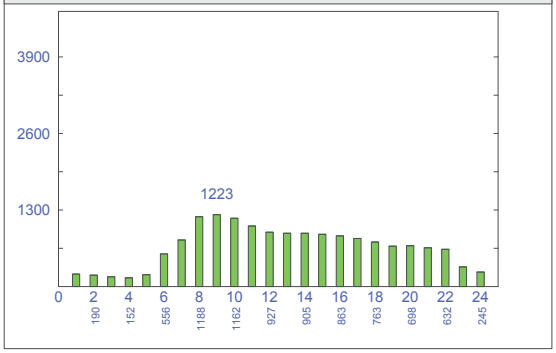
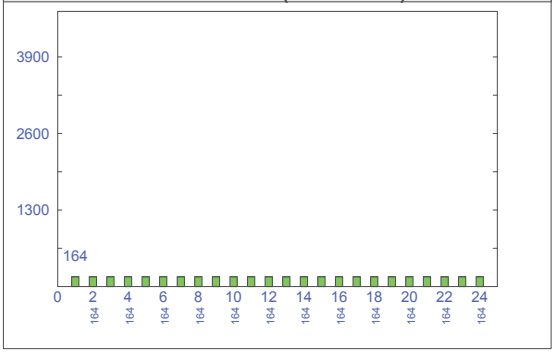
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010501 Soggiorno-cottura

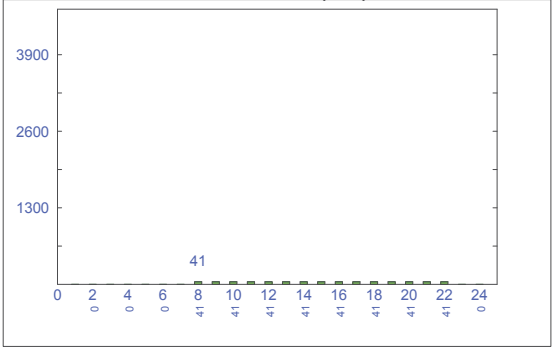
Carico totale



Carico latente (ventilazione)



Carico latente (altri)



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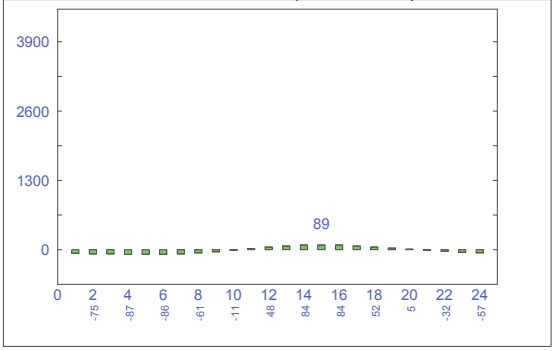

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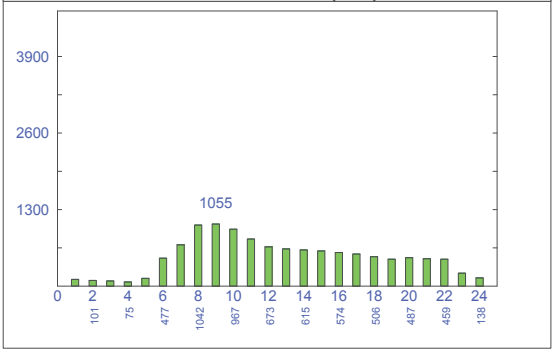
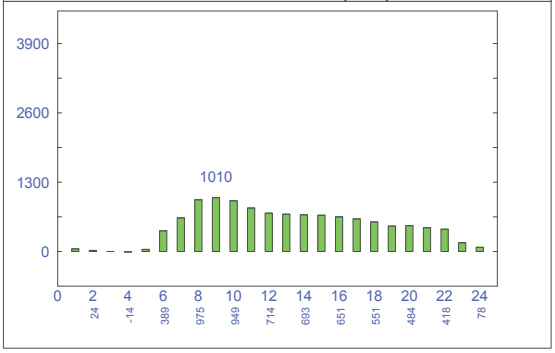
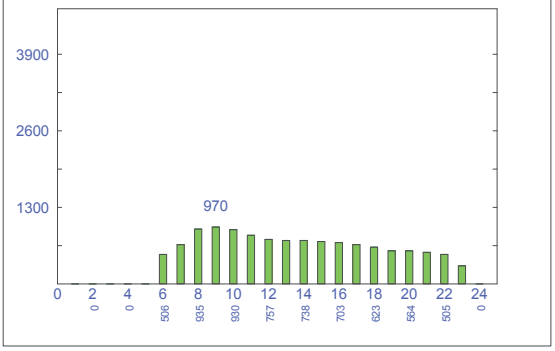


Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



Progetto:

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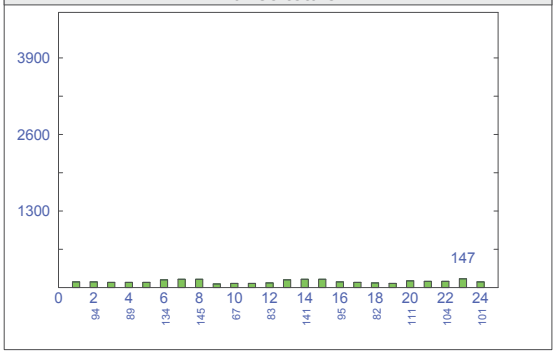
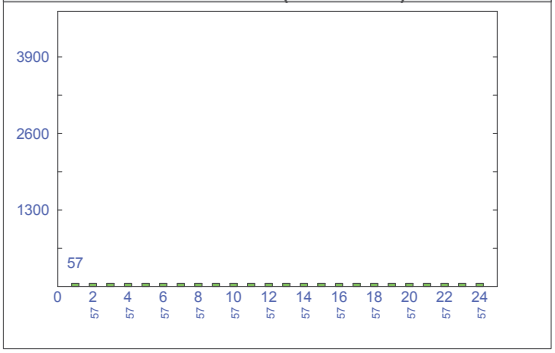
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010502 Camera

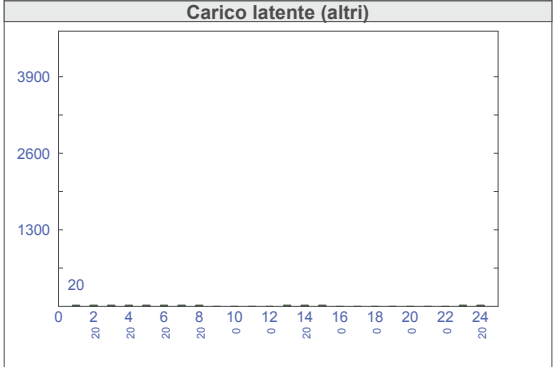
Carico totale



Carico latente (ventilazione)



Carico latente (altri)



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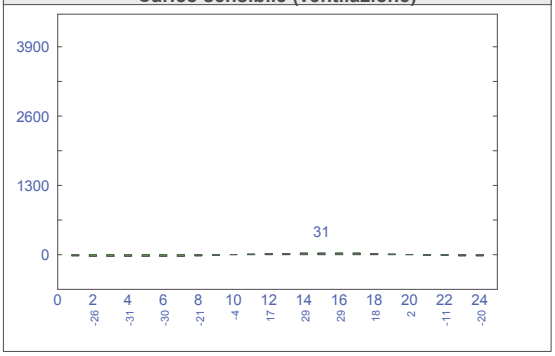
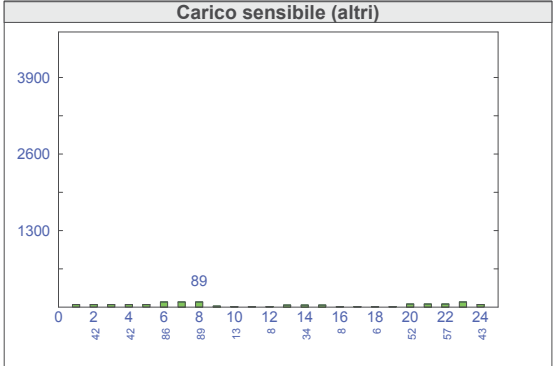
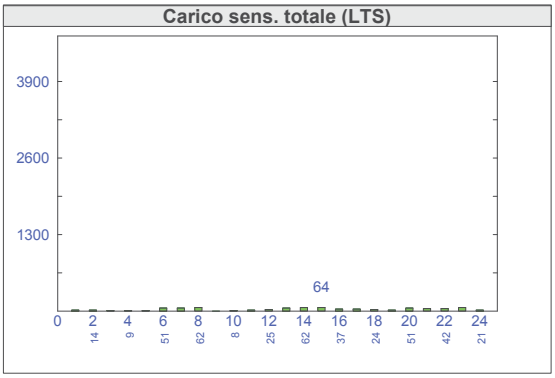


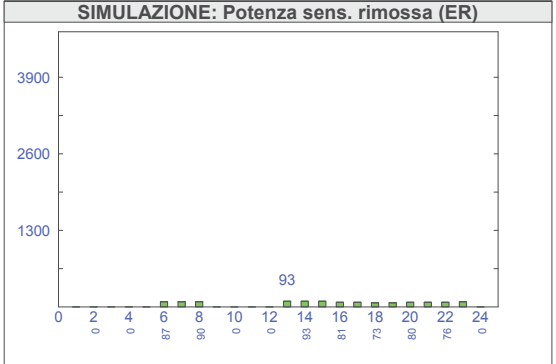
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



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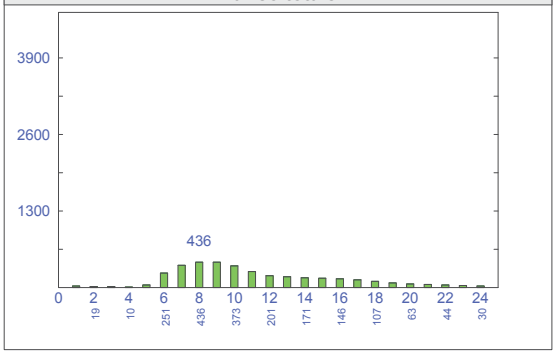
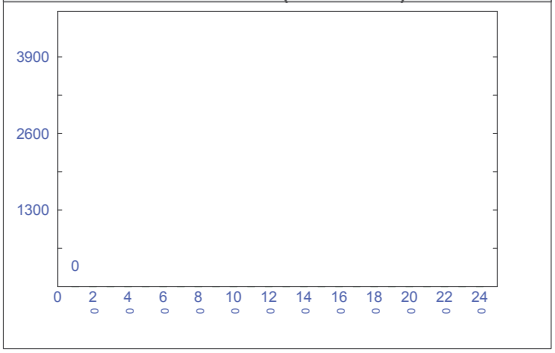
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010503 Bagno

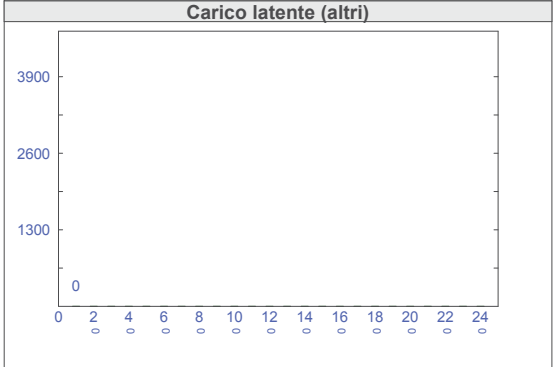
Carico totale



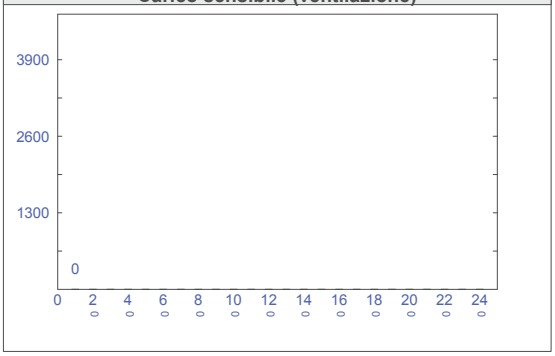
Carico latente (ventilazione)



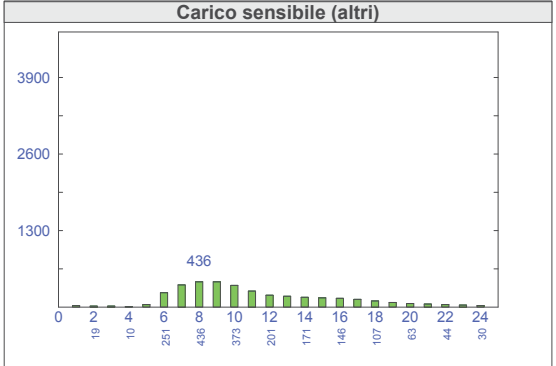
Carico latente (altri)



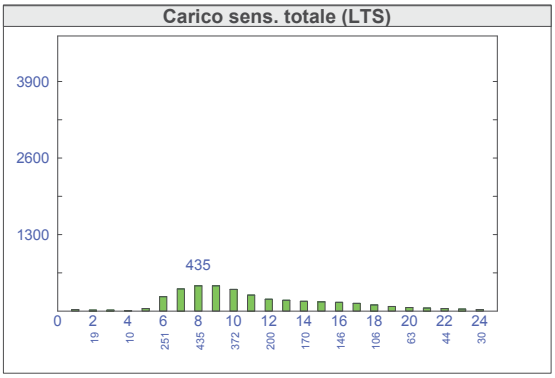
Carico sensibile (ventilazione)



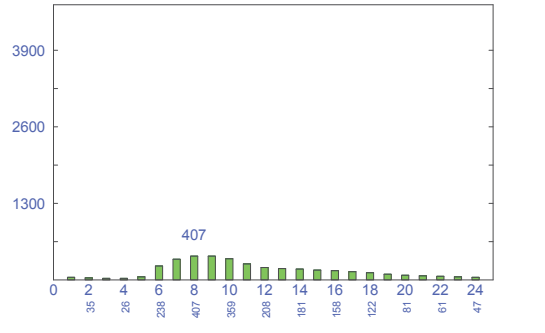
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

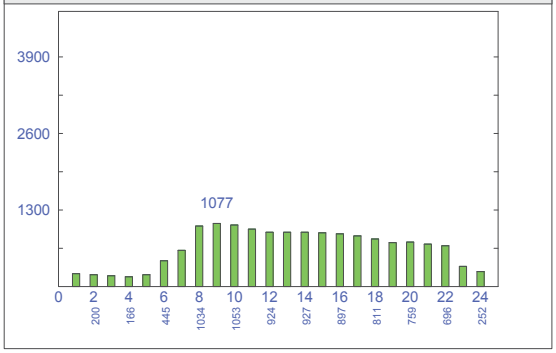


Progetto:

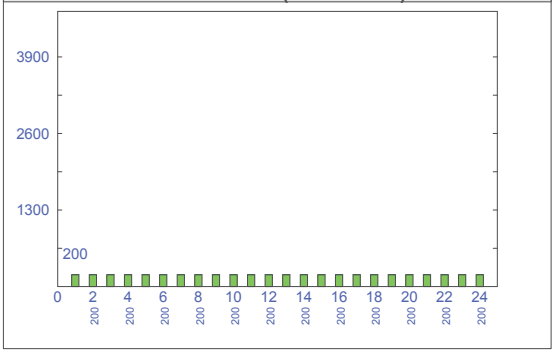
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010601 Soggiorno-cottura

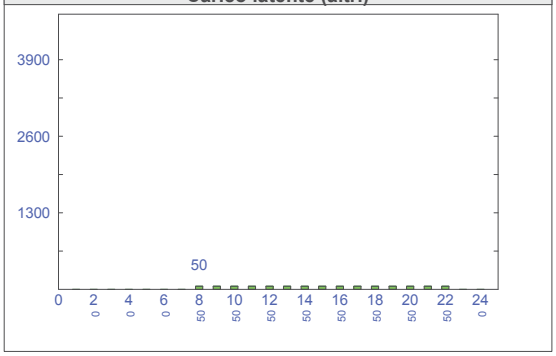
Carico totale



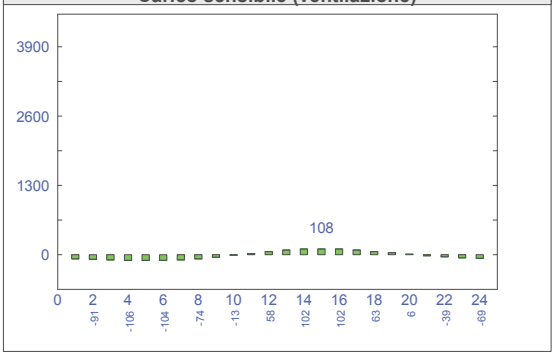
Carico latente (ventilazione)



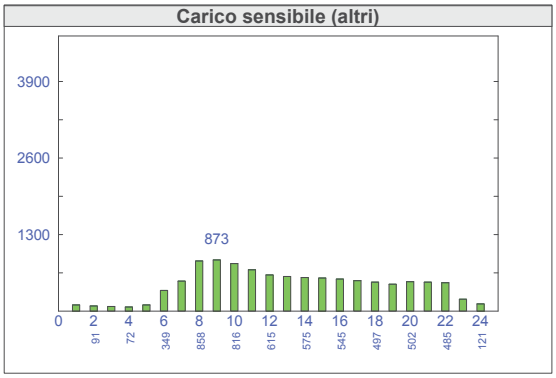
Carico latente (altri)



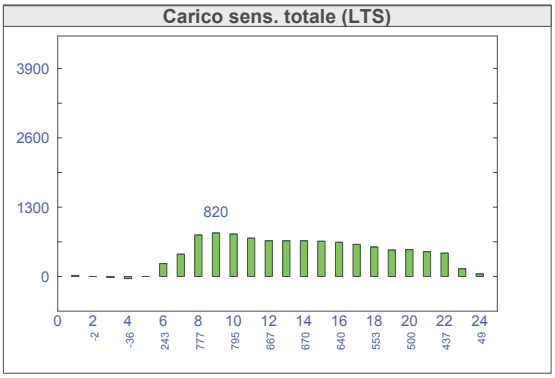
Carico sensibile (ventilazione)



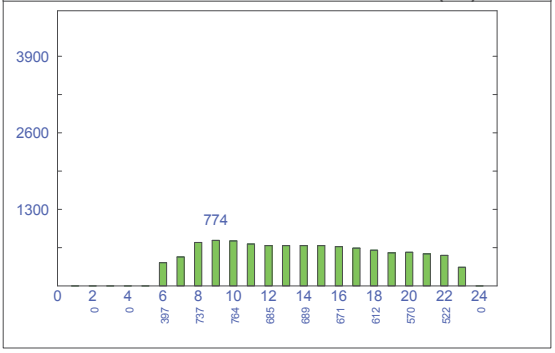
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

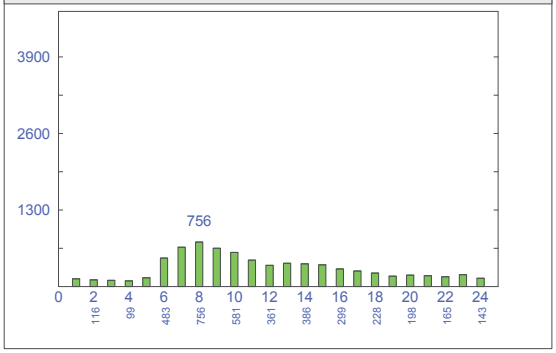


Progetto:

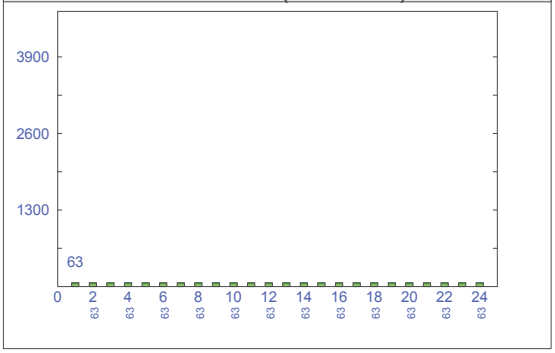
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010602 Camera

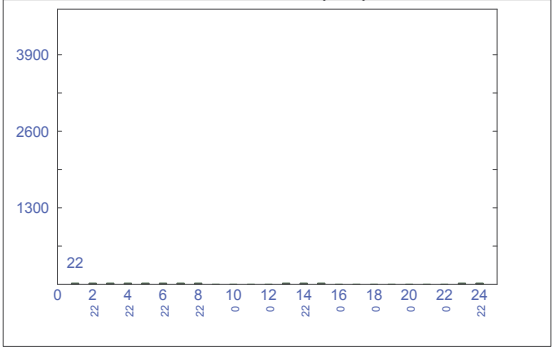
Carico totale



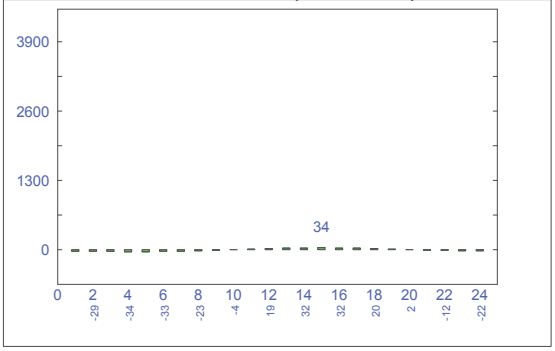
Carico latente (ventilazione)



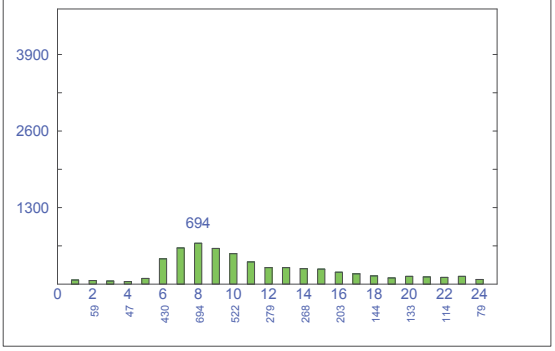
Carico latente (altri)



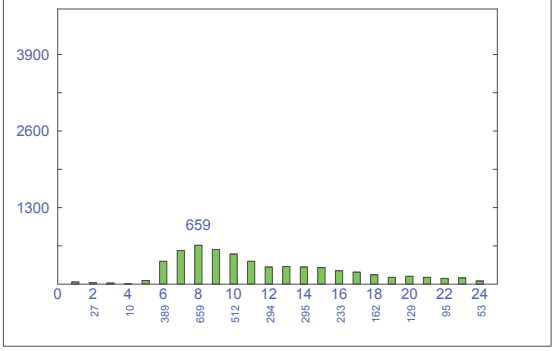
Carico sensibile (ventilazione)



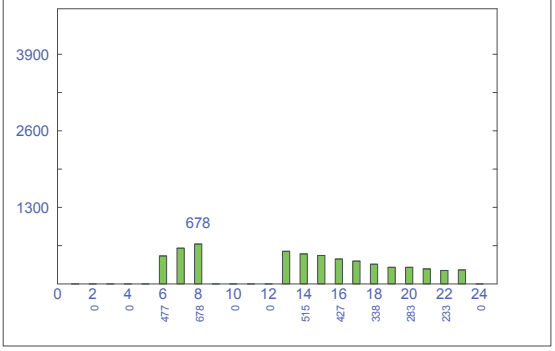
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



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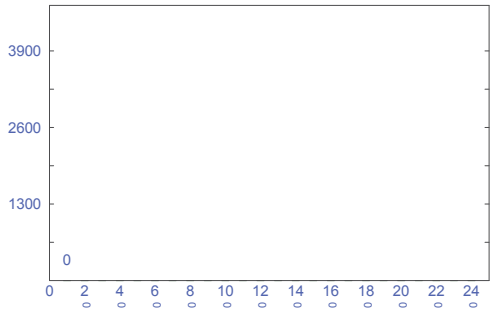
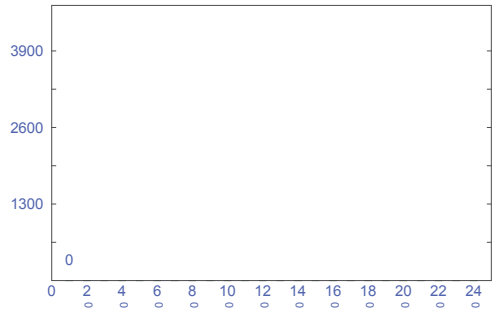
TOTALI AMBIENTE : 010603 Bagno

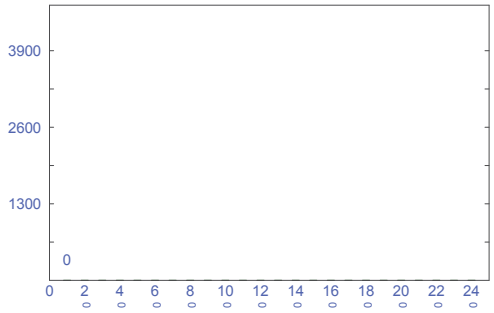
Carico totale



Carico latente (ventilazione)



Carico latente (altri)



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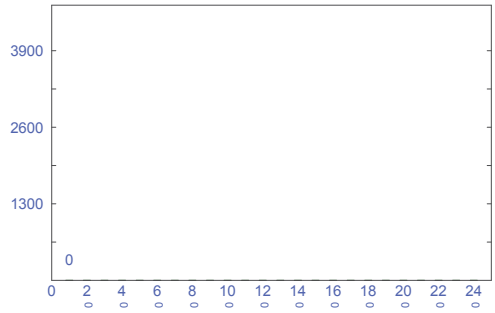
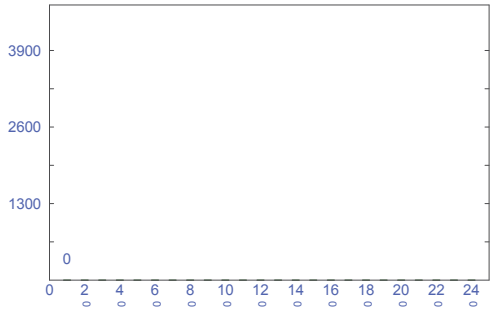
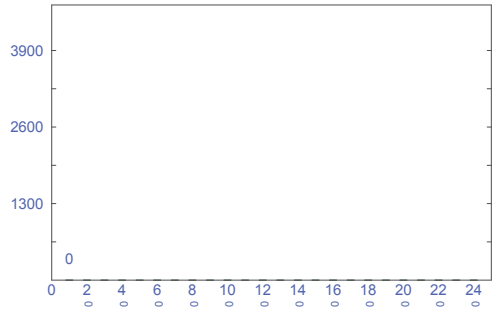


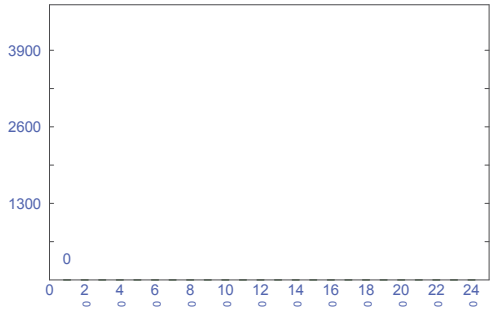
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

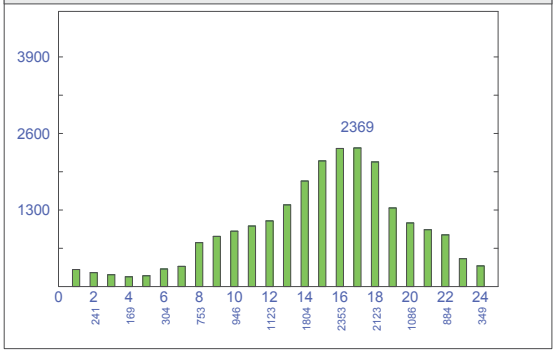


Progetto:

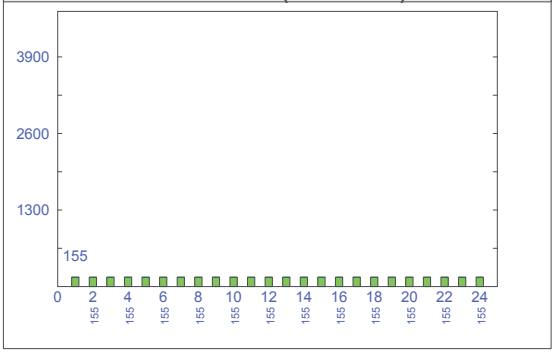
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010701 Soggiorno-cottura

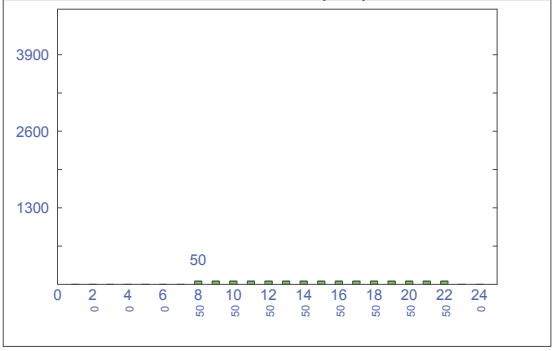
Carico totale



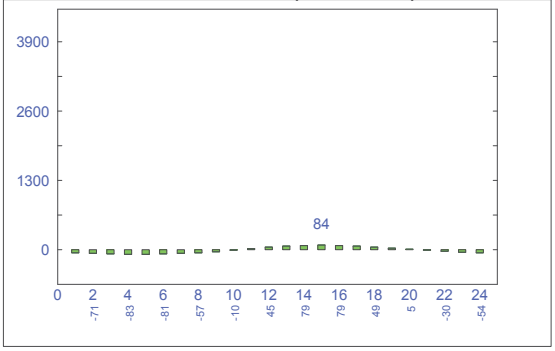
Carico latente (ventilazione)



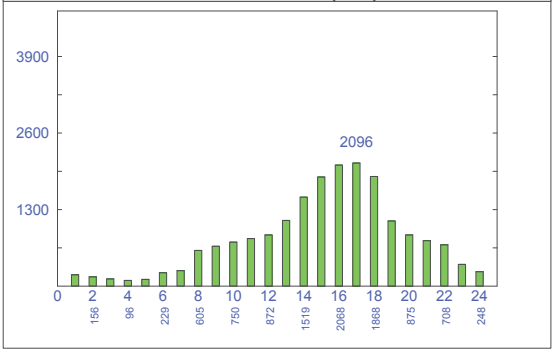
Carico latente (altri)



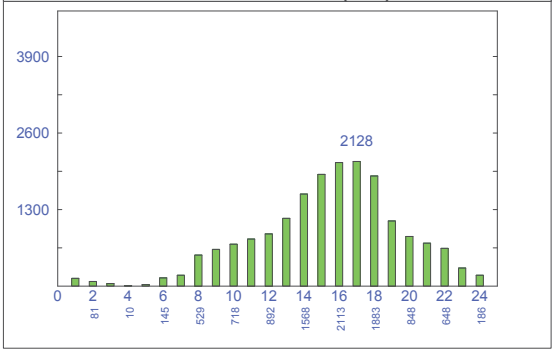
Carico sensibile (ventilazione)



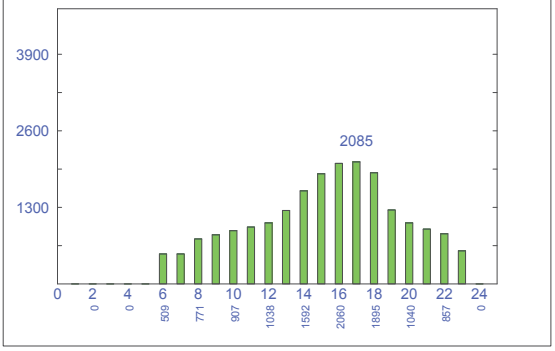
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

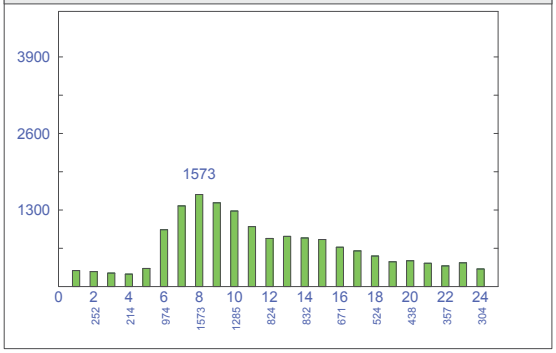


Progetto:

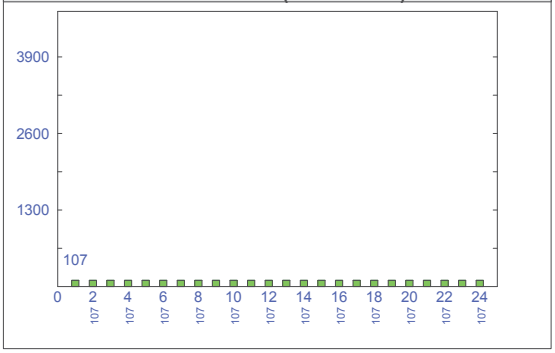
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010702 Camera

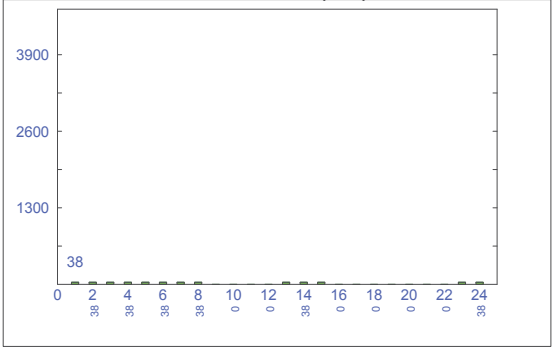
Carico totale



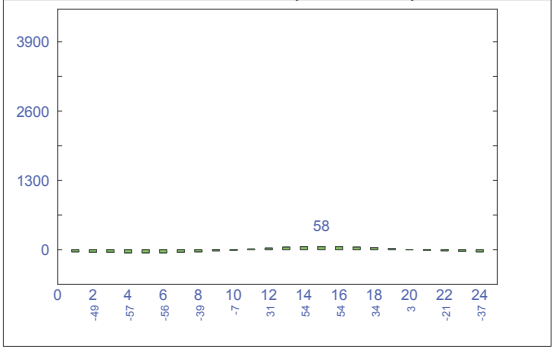
Carico latente (ventilazione)



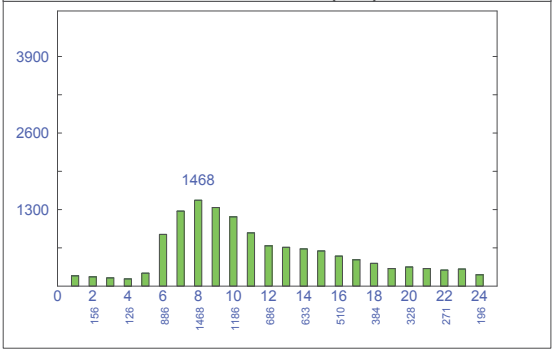
Carico latente (altri)



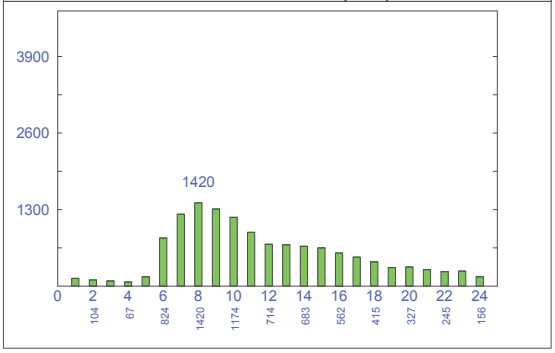
Carico sensibile (ventilazione)



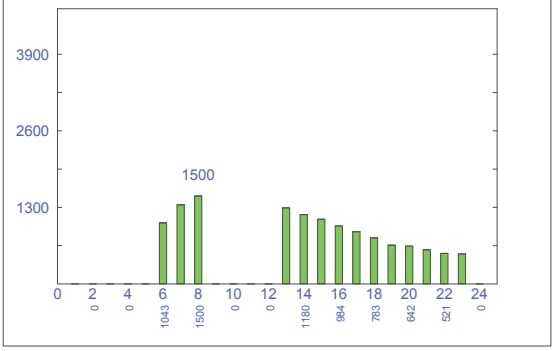
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



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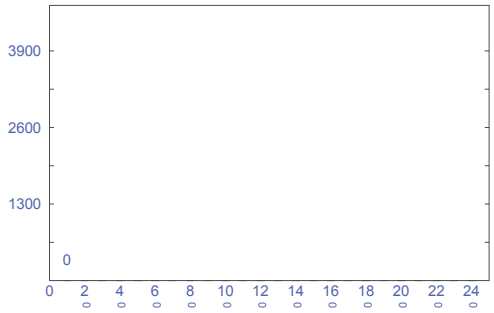
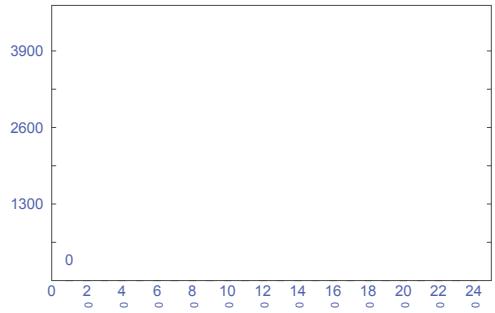
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010703 Bagno

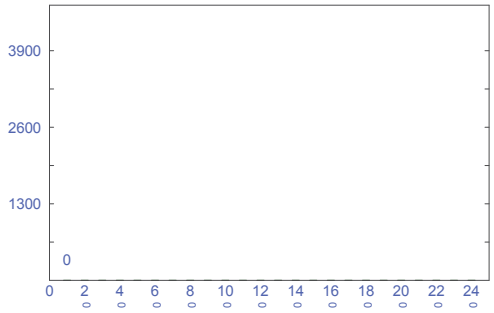
Carico totale



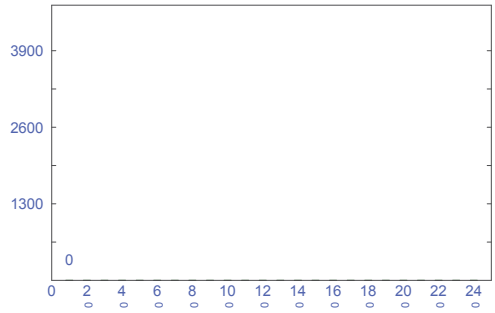
Carico latente (ventilazione)



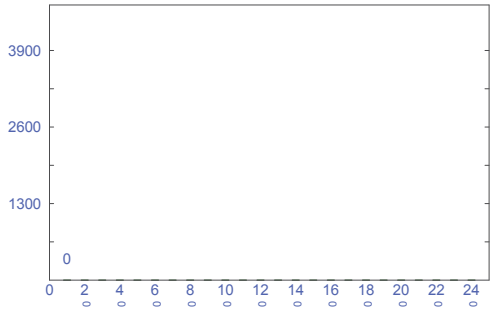
Carico latente (altri)



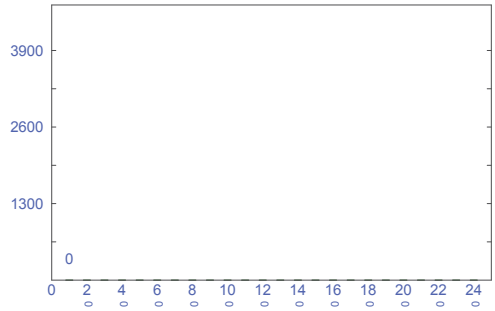
Carico sensibile (ventilazione)



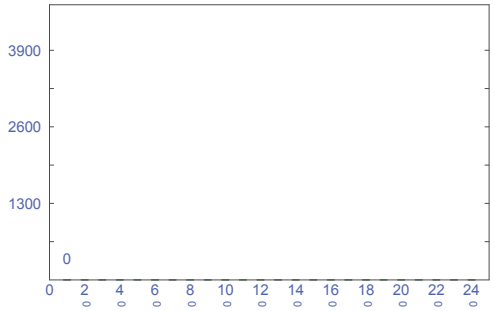
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



Progetto:

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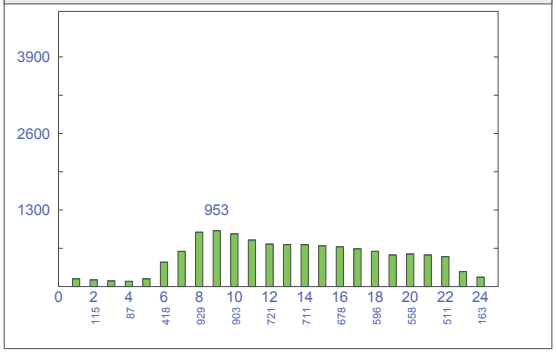
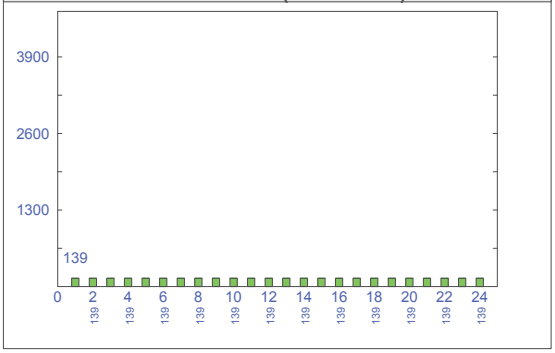
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010801 Soggiorno-cottura

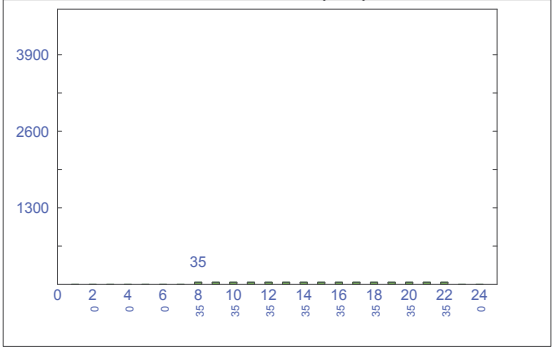
Carico totale



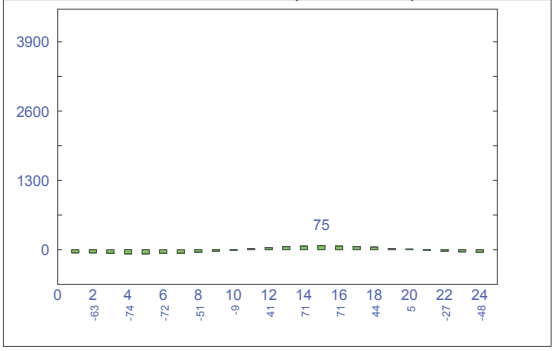
Carico latente (ventilazione)



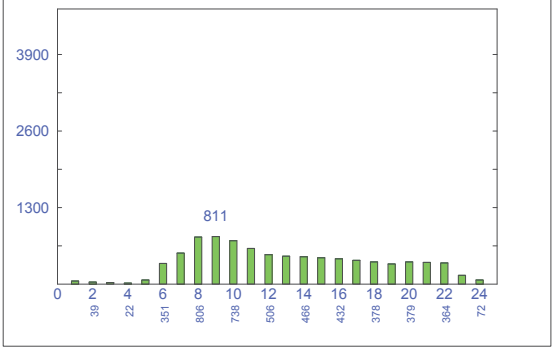
Carico latente (altri)



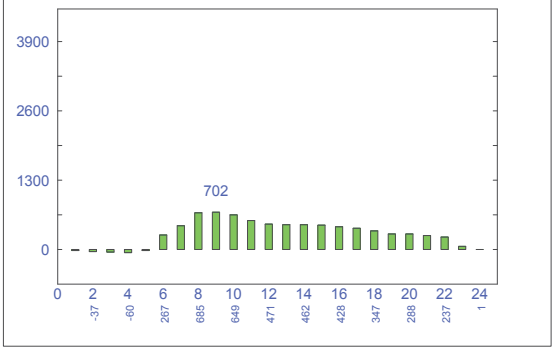
Carico sensibile (ventilazione)



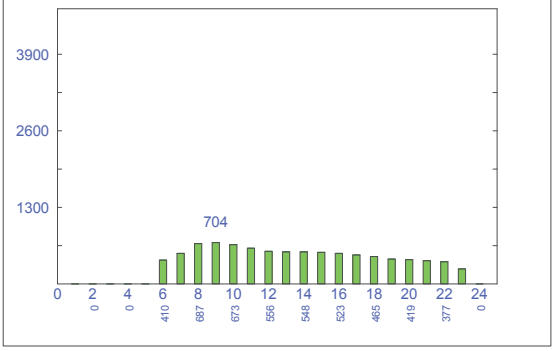
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

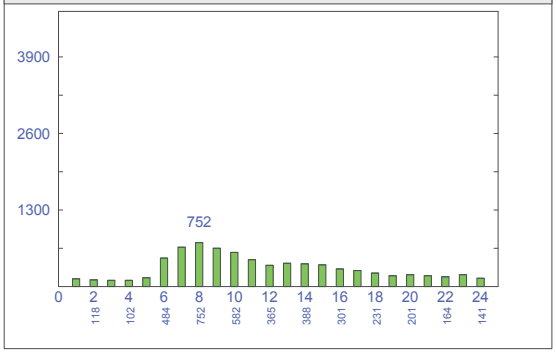


Progetto:

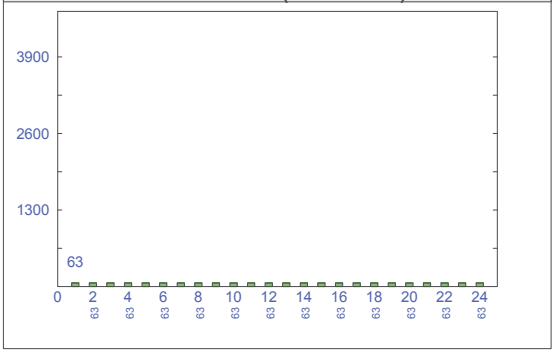
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010802 Camera

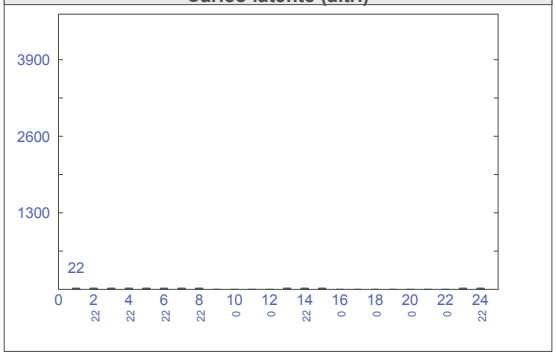
Carico totale



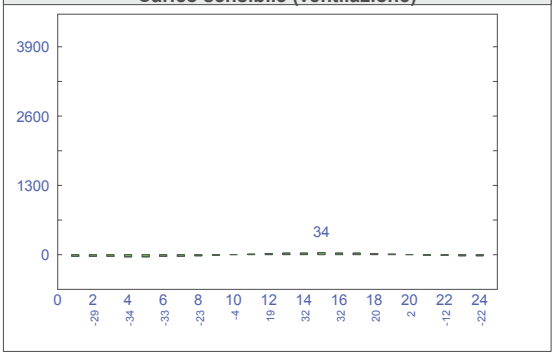
Carico latente (ventilazione)



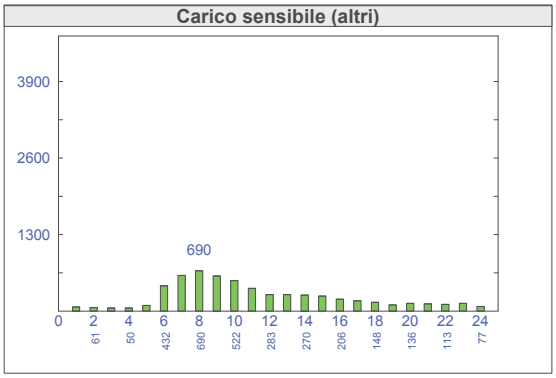
Carico latente (altri)



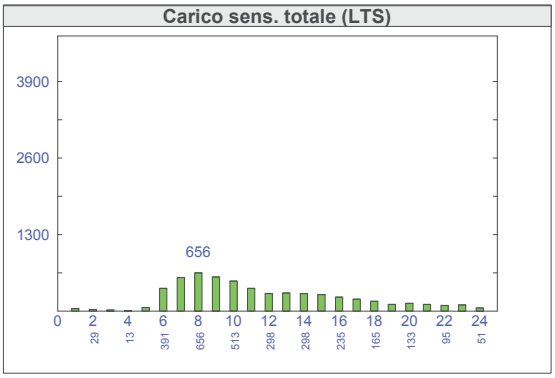
Carico sensibile (ventilazione)



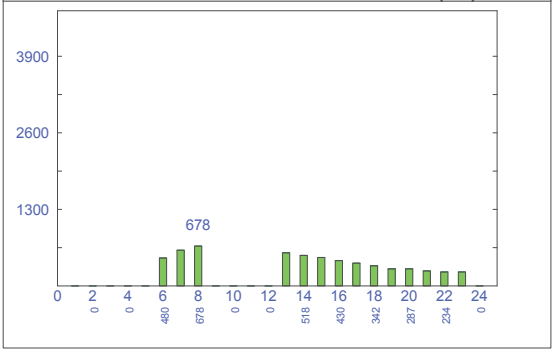
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

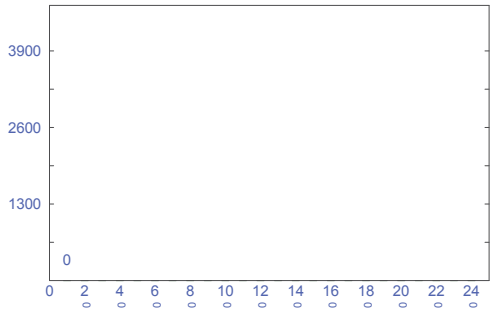


Progetto:

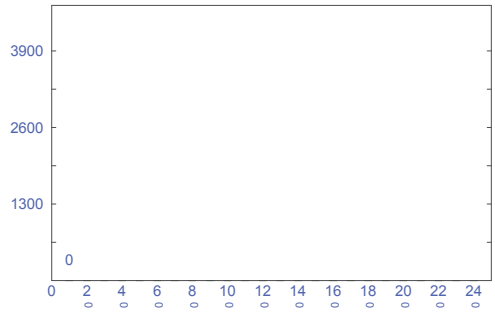
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010803 Bagno

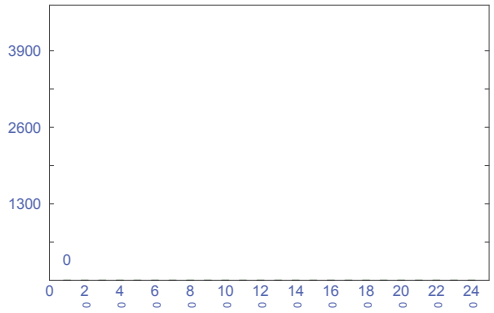
Carico totale



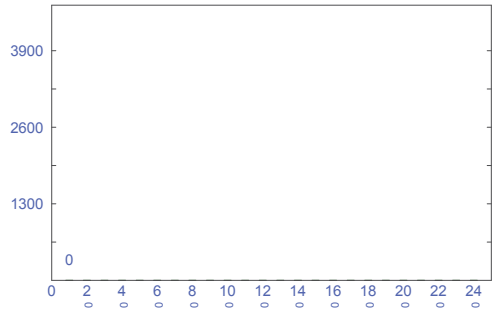
Carico latente (ventilazione)



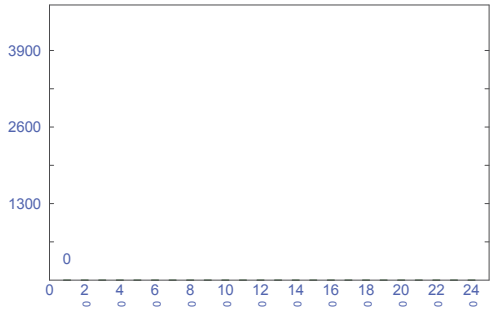
Carico latente (altri)



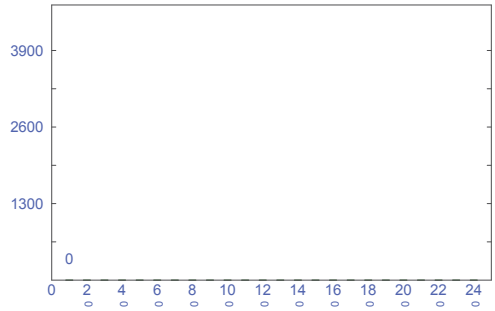
Carico sensibile (ventilazione)



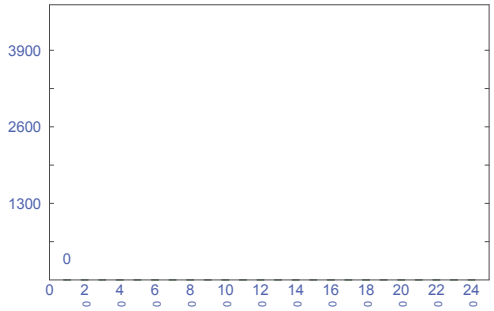
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



Progetto:

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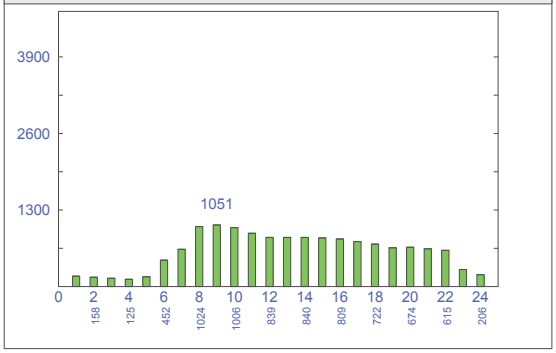
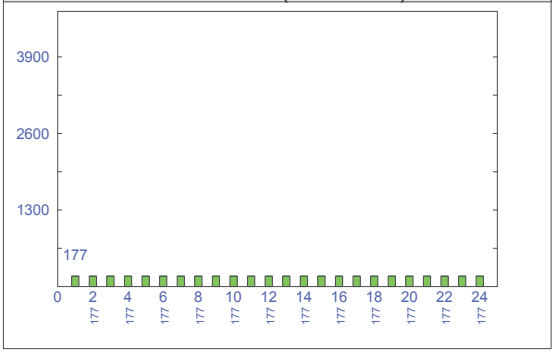
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010901 Soggiorno-cottura

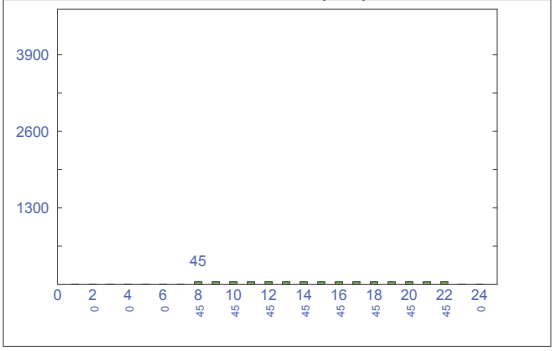
Carico totale



Carico latente (ventilazione)



Carico latente (altri)



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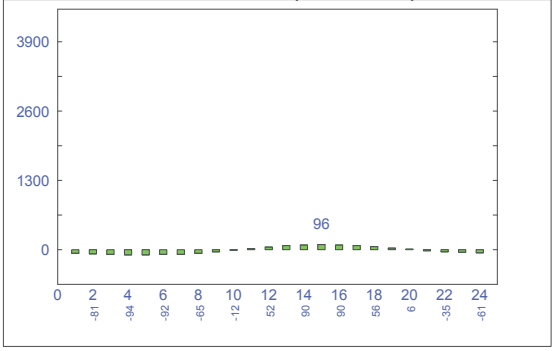
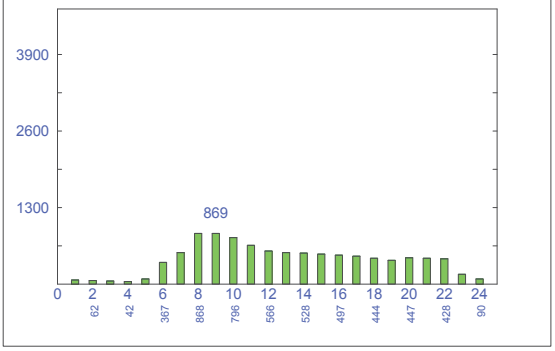
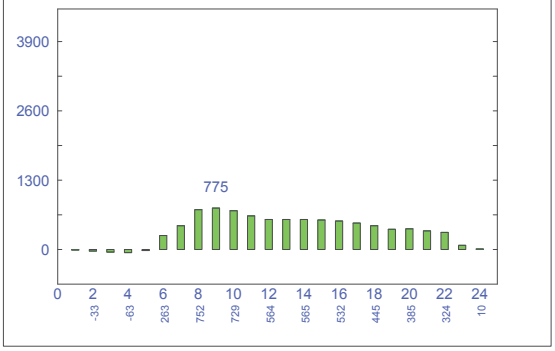


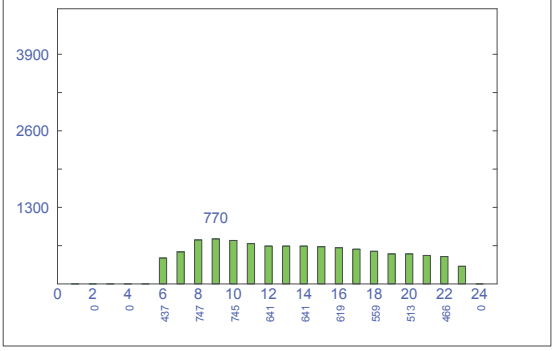
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

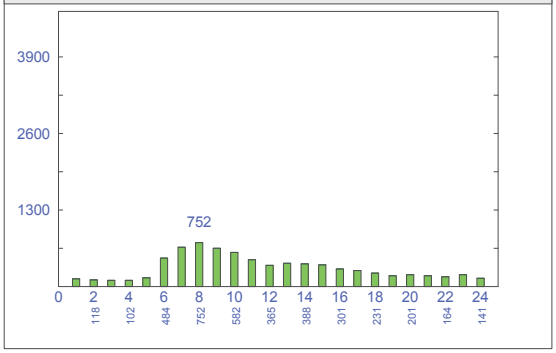


Progetto:

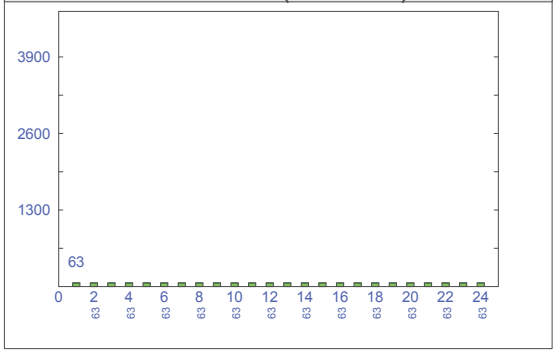
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010902 Camera

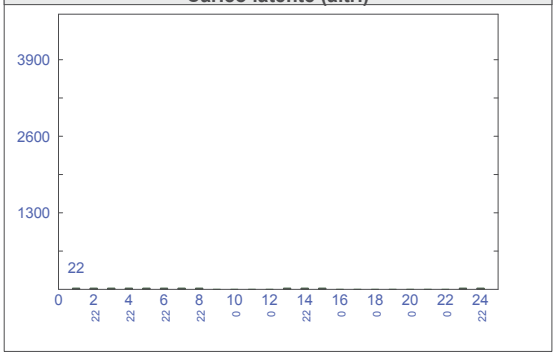
Carico totale



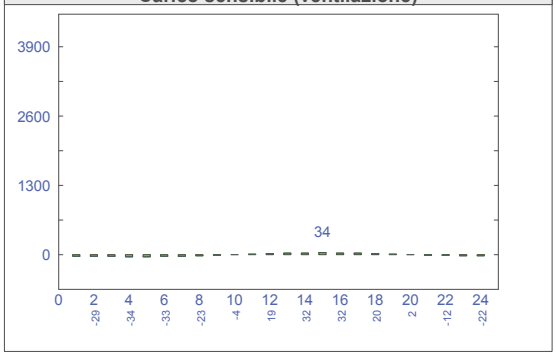
Carico latente (ventilazione)



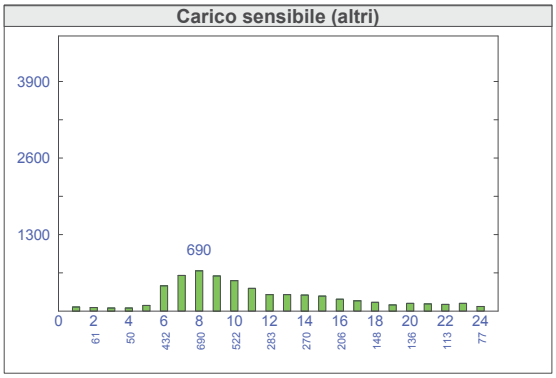
Carico latente (altri)



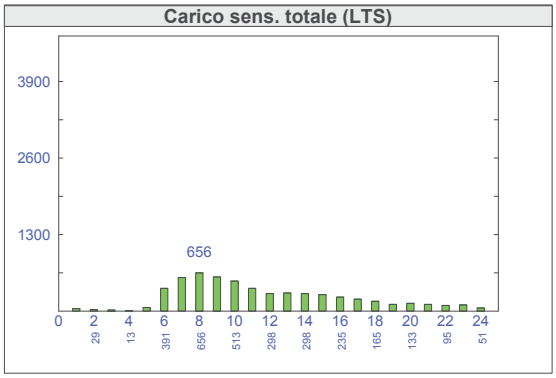
Carico sensibile (ventilazione)



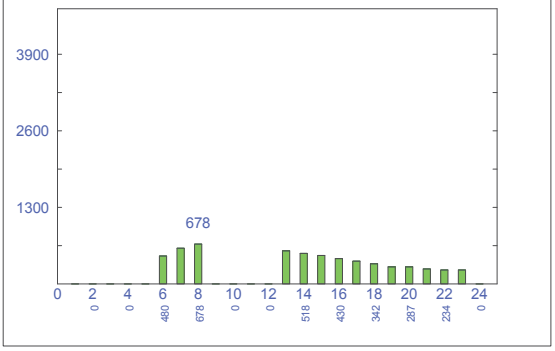
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



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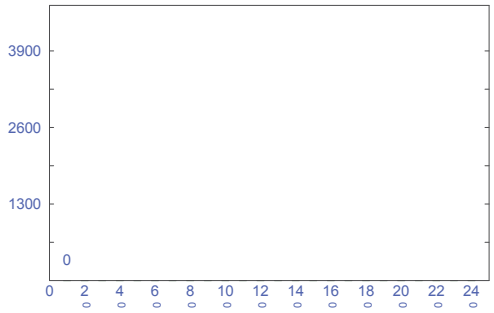
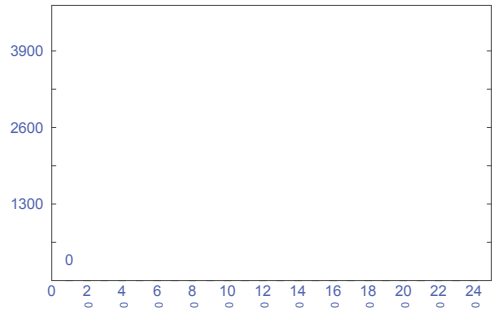
Email stefano@studiopescante.com

TOTALI AMBIENTE : 010903 Bagno

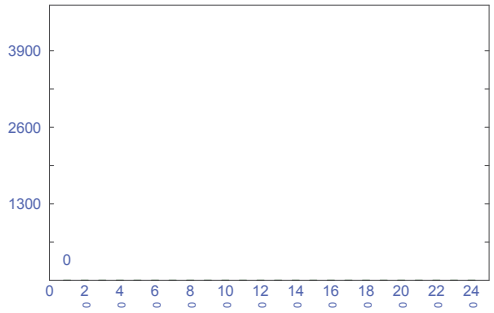
Carico totale



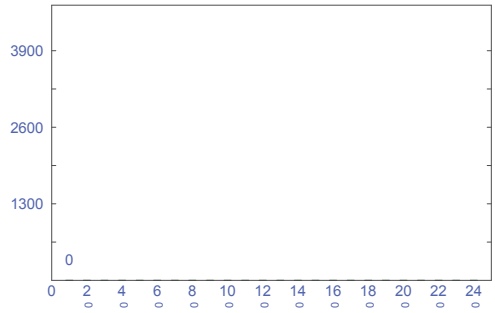
Carico latente (ventilazione)



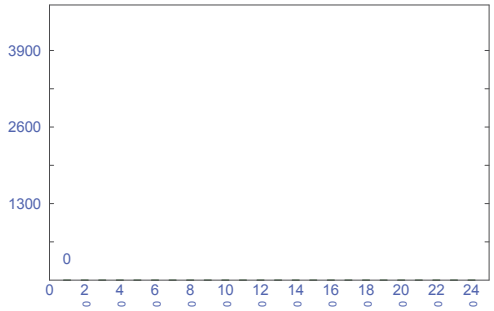
Carico latente (altri)



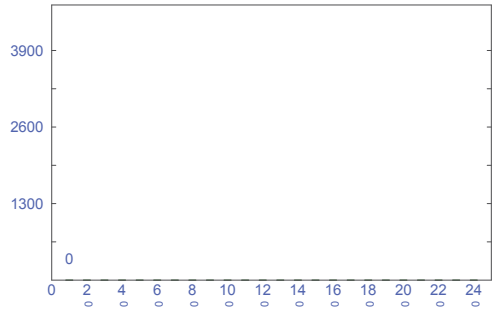
Carico sensibile (ventilazione)



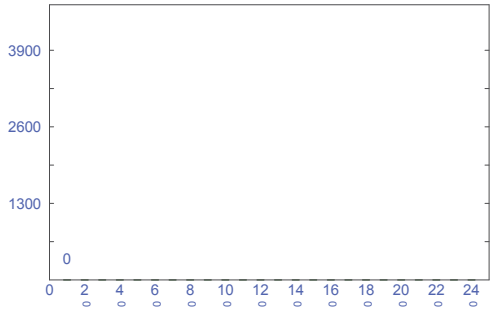
Carico sensibile (altri)



Carico sens. totale (LTS)



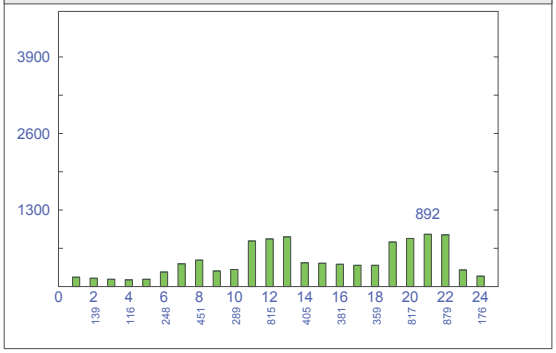
SIMULAZIONE: Potenza sens. rimossa (ER)



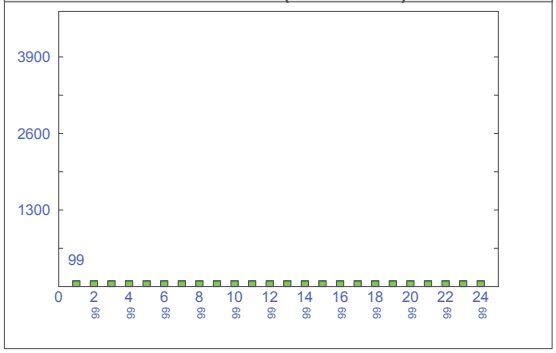
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 011001 Lavanderia

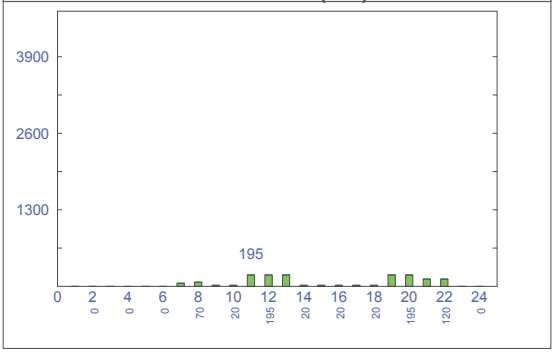
Carico totale



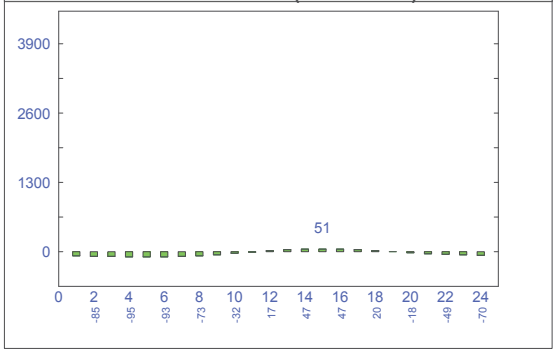
Carico latente (ventilazione)



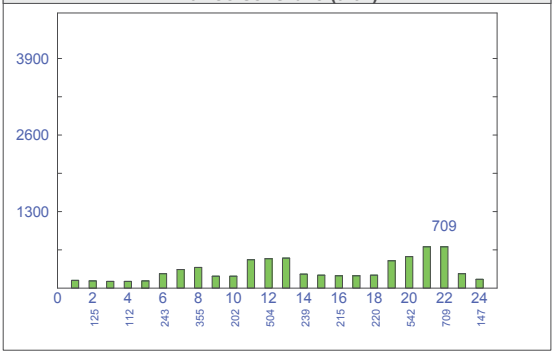
Carico latente (altri)



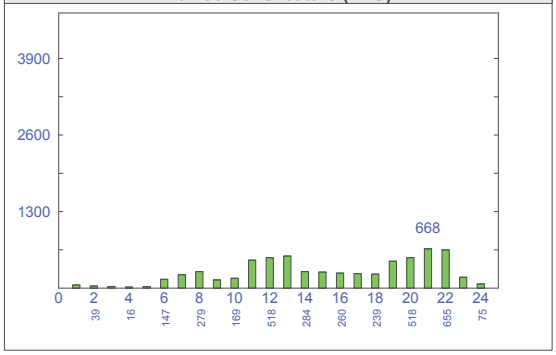
Carico sensibile (ventilazione)



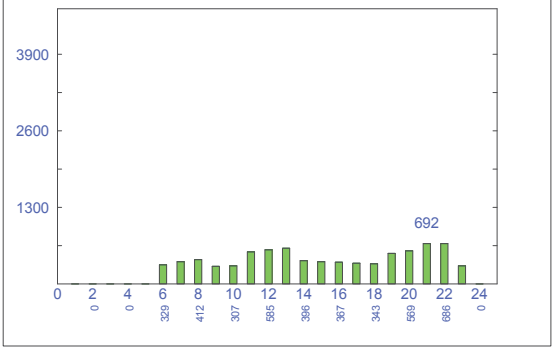
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

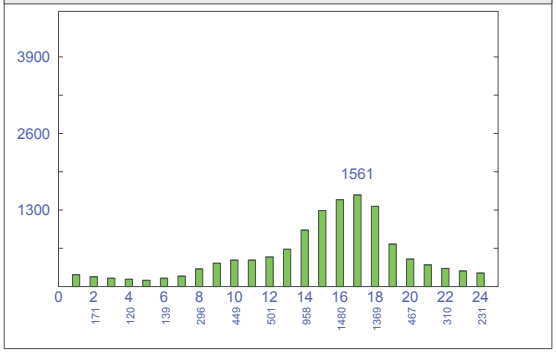


Progetto:

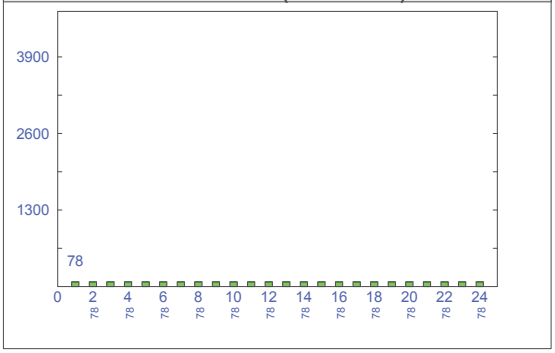
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 011002 Corridoio 1

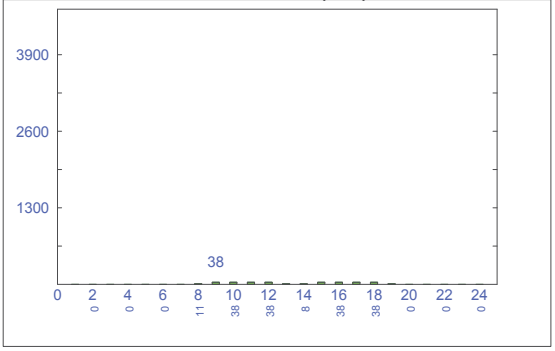
Carico totale



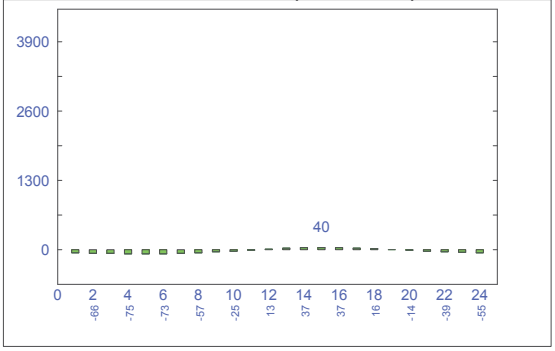
Carico latente (ventilazione)



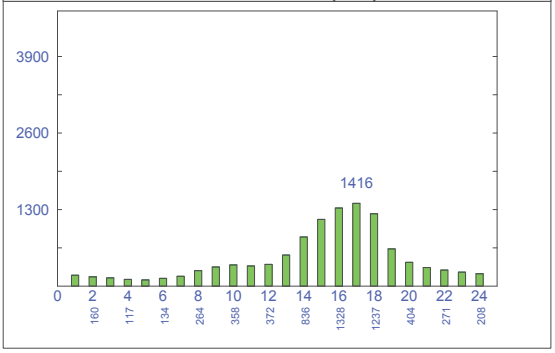
Carico latente (altri)



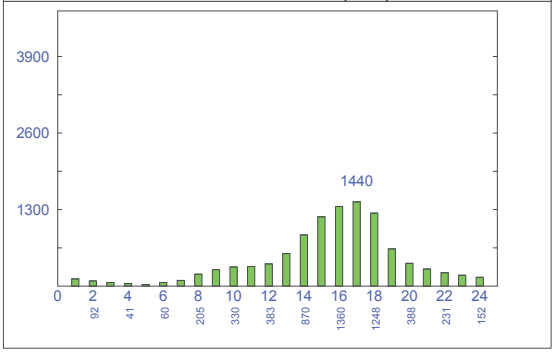
Carico sensibile (ventilazione)



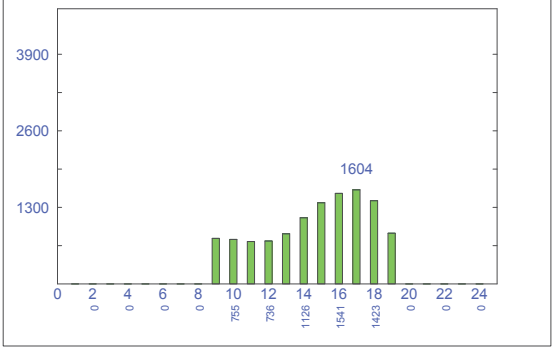
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

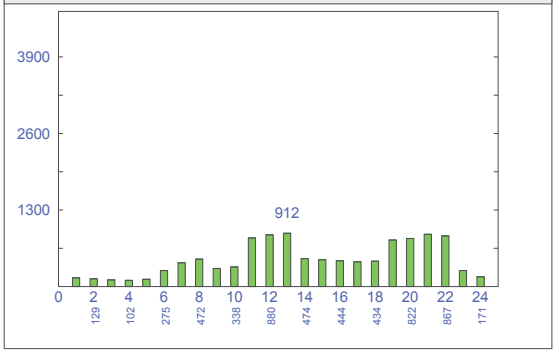


Progetto:

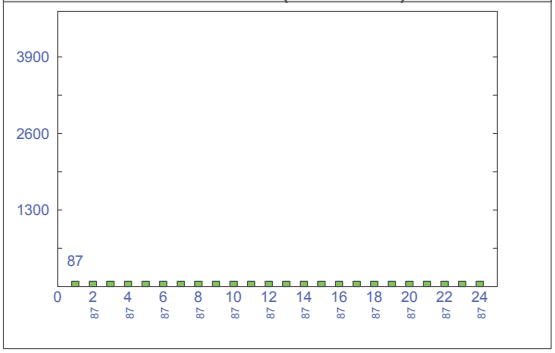
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 011003 Stireria

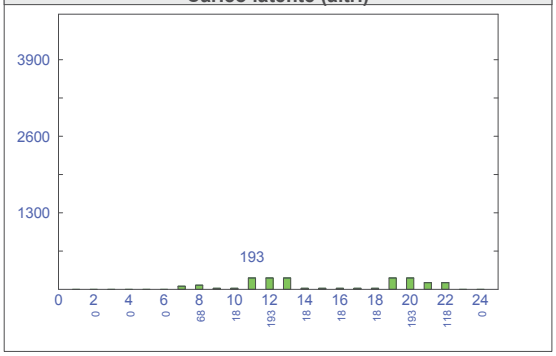
Carico totale



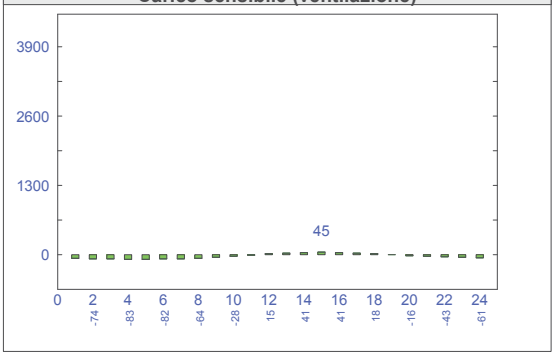
Carico latente (ventilazione)



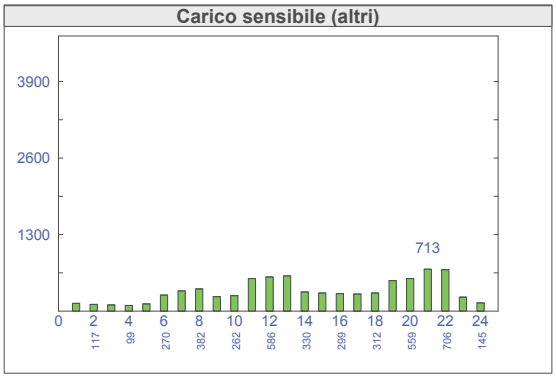
Carico latente (altri)



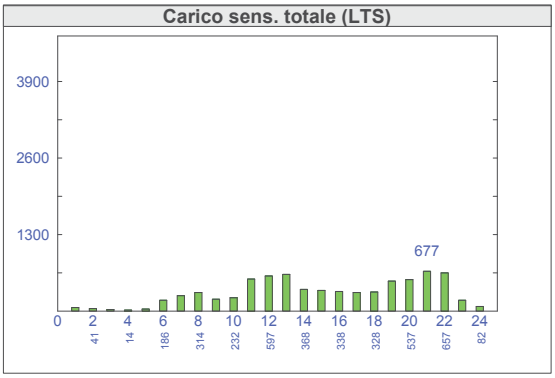
Carico sensibile (ventilazione)



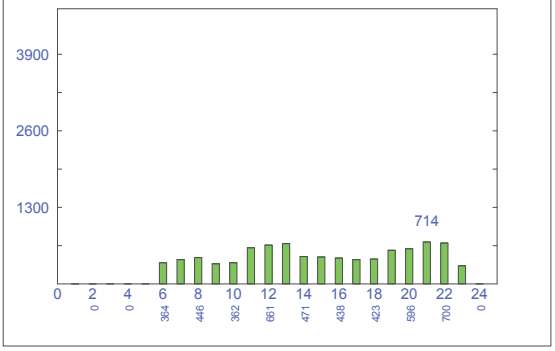
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)



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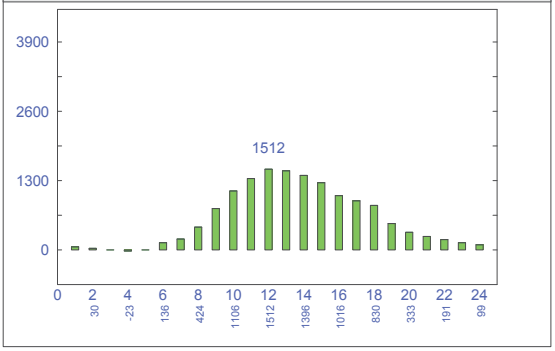
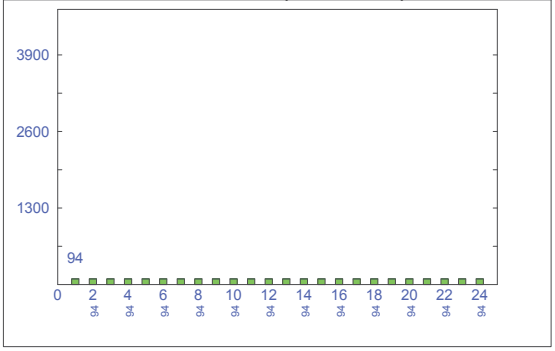
Email stefano@studiopescante.com

TOTALI AMBIENTE : 011004 Ingresso sud

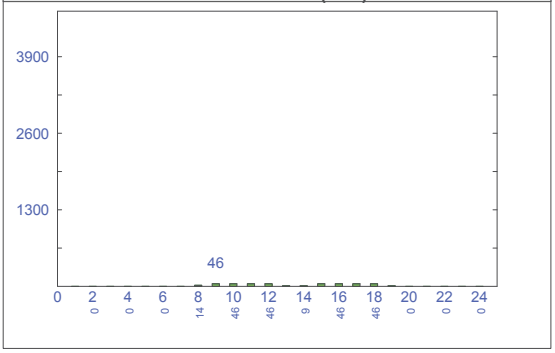
Carico totale



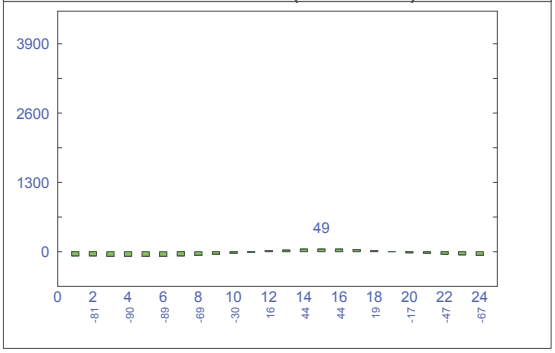
Carico latente (ventilazione)



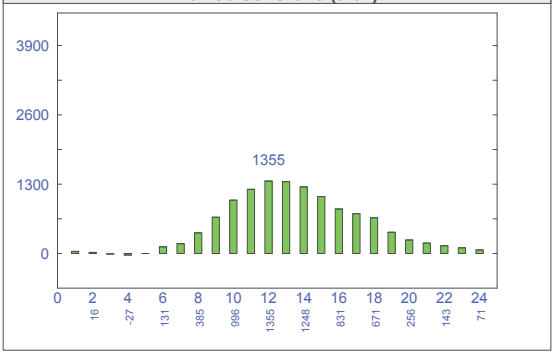
Carico latente (altri)



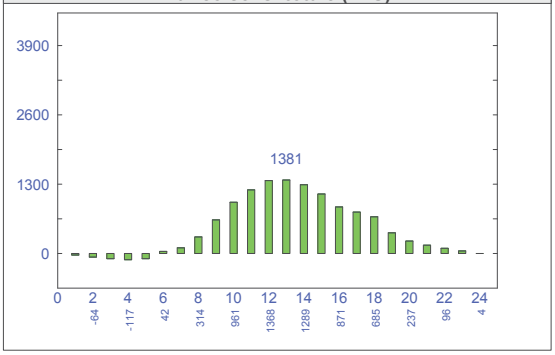
Carico sensibile (ventilazione)



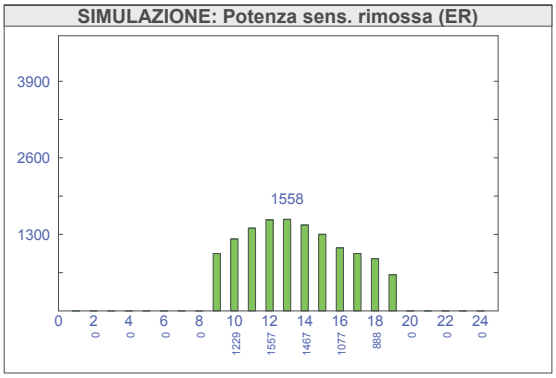
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

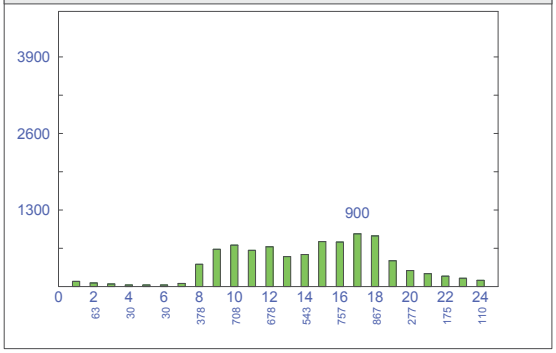


Progetto:

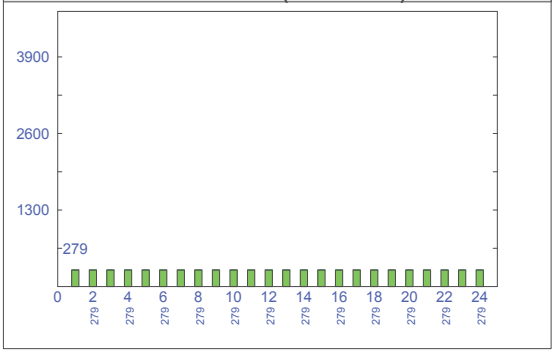
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 011005 Corridoio 2

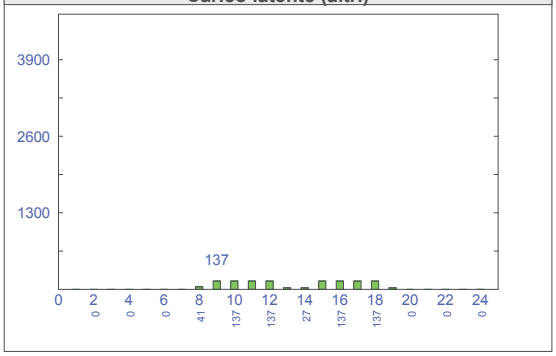
Carico totale



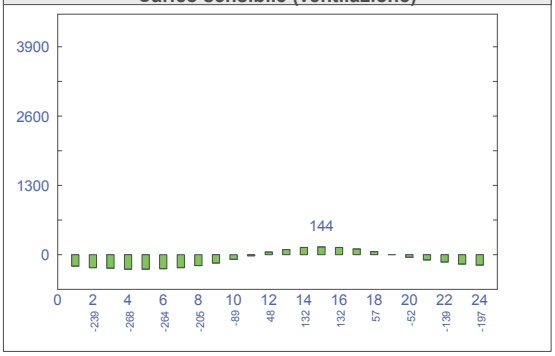
Carico latente (ventilazione)



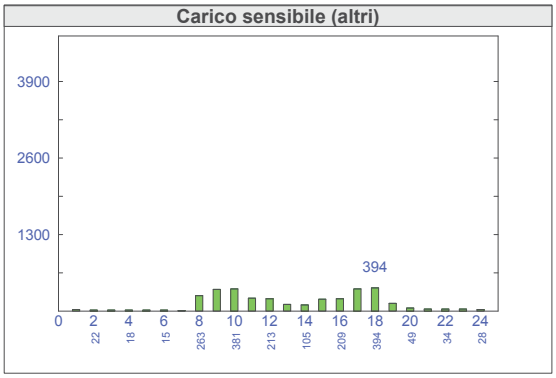
Carico latente (altri)



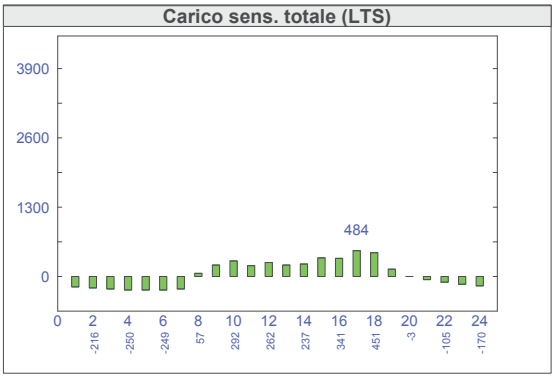
Carico sensibile (ventilazione)



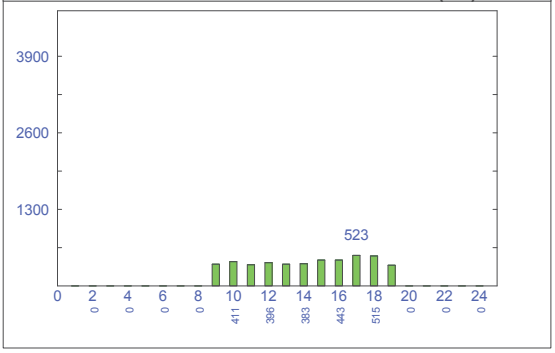
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

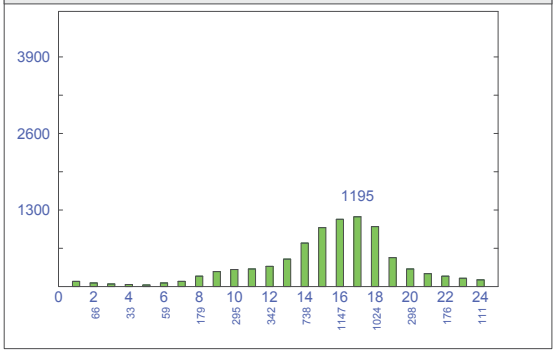


Progetto:

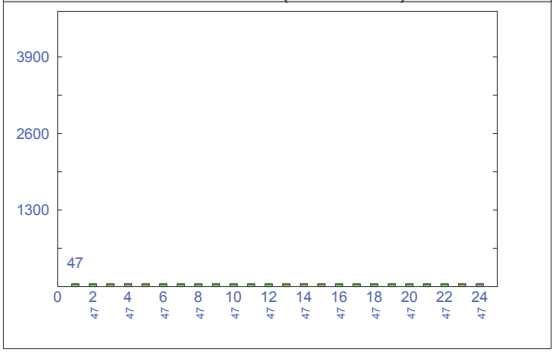
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 011006 Ingresso ovest

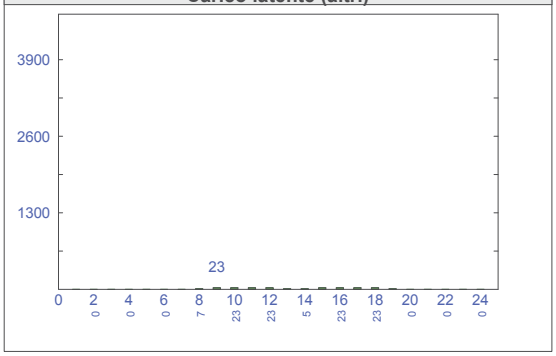
Carico totale



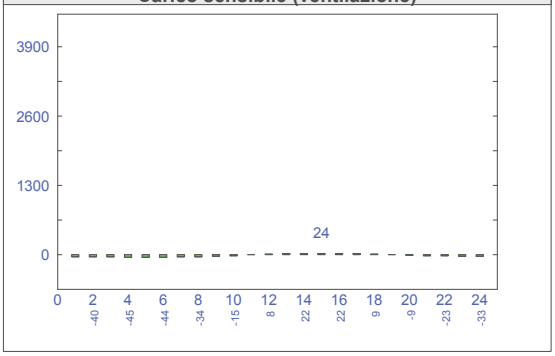
Carico latente (ventilazione)



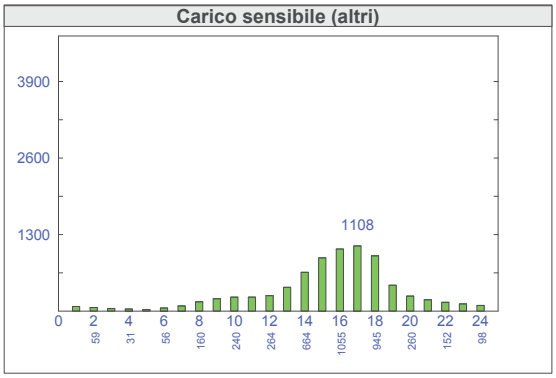
Carico latente (altri)



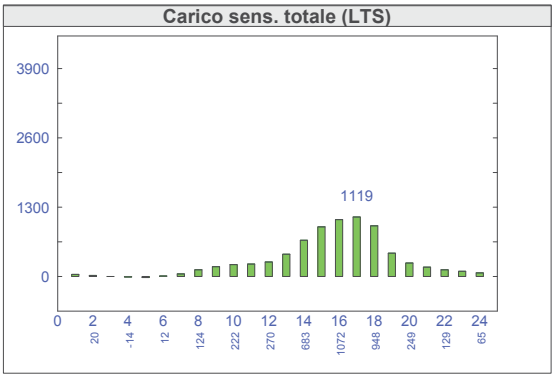
Carico sensibile (ventilazione)



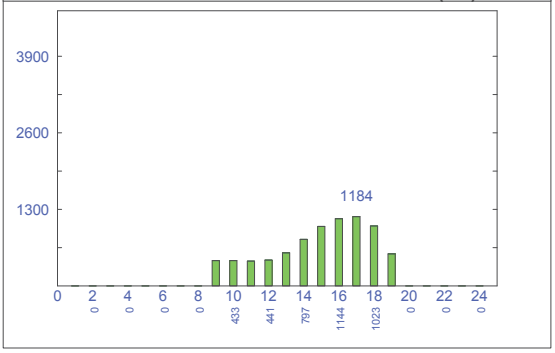
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

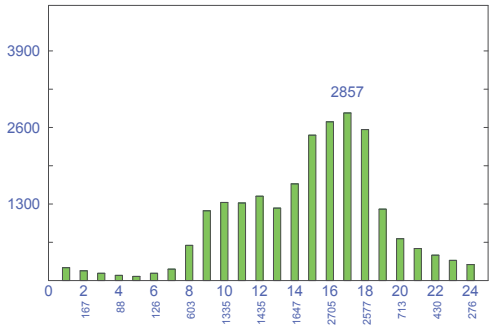


Progetto:

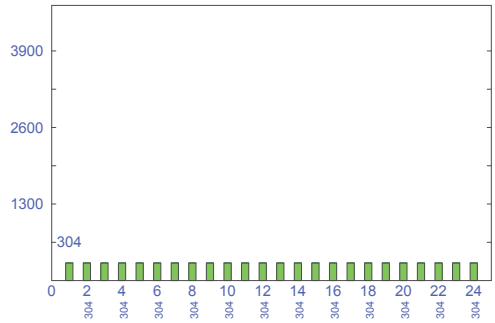
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 011007 Ufficio-magazzino

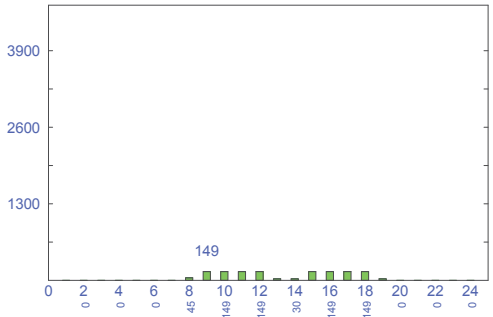
Carico totale



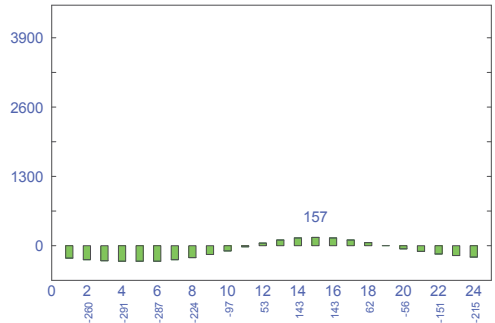
Carico latente (ventilazione)



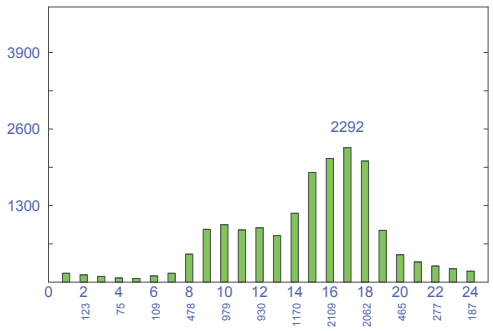
Carico latente (altri)



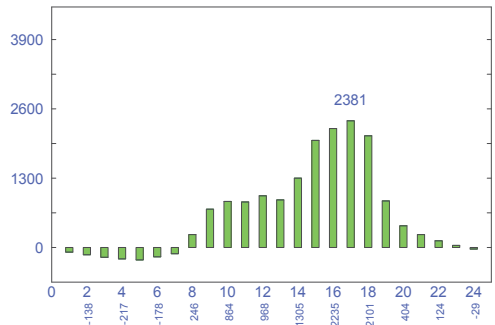
Carico sensibile (ventilazione)



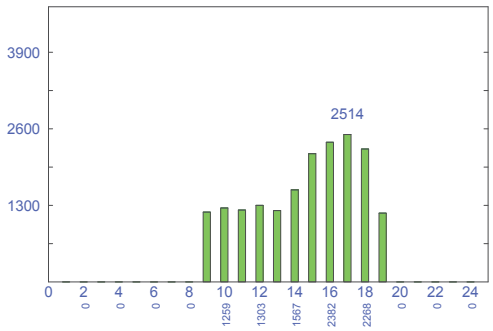
Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)

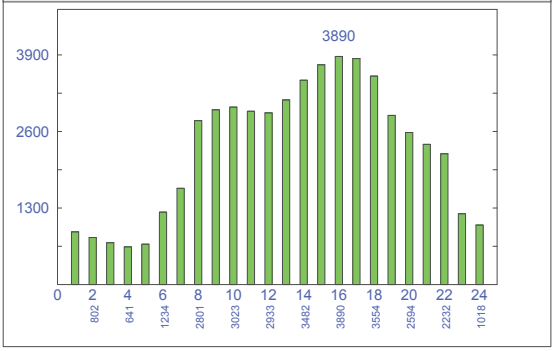


Progetto:

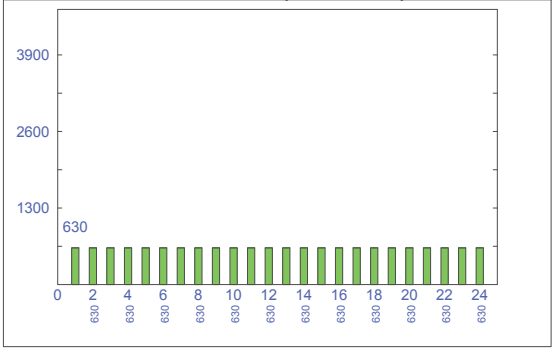
STUDIO TERMOTECNICO PESCANTE Per. Ind.le STEFANO via S. Martino, 8 35043 MONSELICE (PD) Tel. 0429.78.47.52 Fax 0429.70.16.12
Email stefano@studiopescante.com

TOTALI AMBIENTE : 011008 Spazio socializzazione

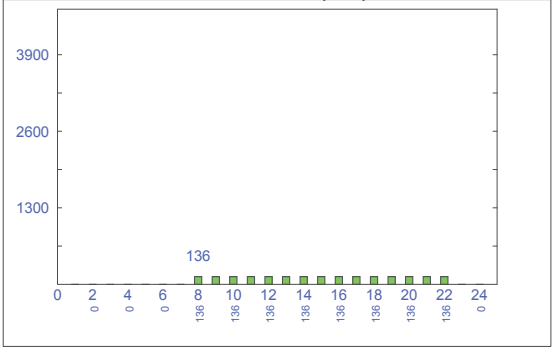
Carico totale



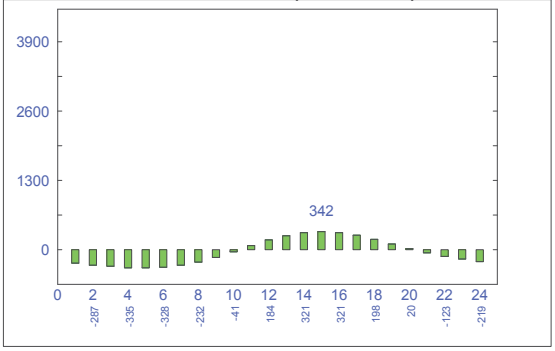
Carico latente (ventilazione)



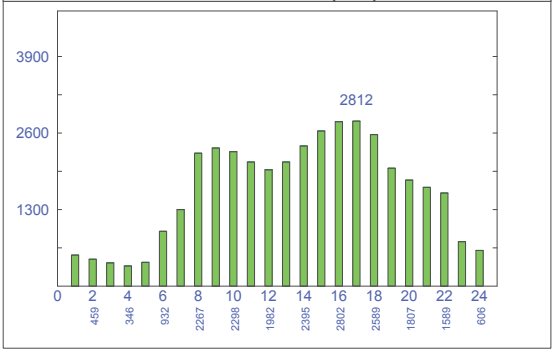
Carico latente (altri)



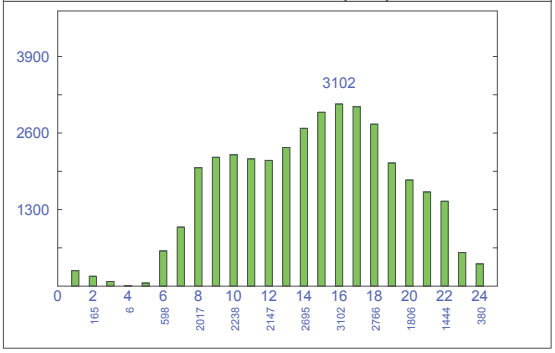
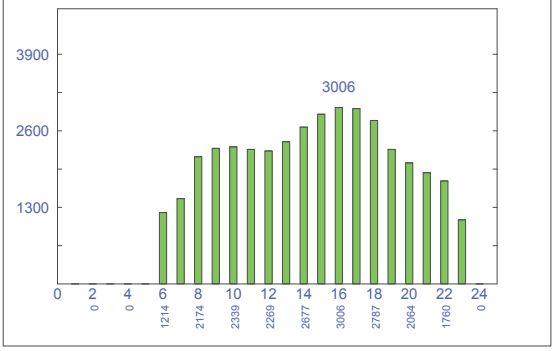
Carico sensibile (ventilazione)



Carico sensibile (altri)



Carico sens. totale (LTS)



SIMULAZIONE: Potenza sens. rimossa (ER)