

# OUTDOOR UNIT-SM R-32 - PERFORMANCES

<b>Model</b> <i>Modello</i>			
Outdoor Unit: <i>Unità esterna:</i>	MU1-Y		
IDU/ODU Capacity Ratio: <i>Rapporto di potenza IDU/ODU:</i>	100%		
<b>Standard specs</b> <i>Dati nominali</i>			
Size (set): <i>Grandezza (set):</i>	41M	Cooling capacity: <i>Potenza raffrescamento:</i>	4,10 kW
Type: <i>Tipo:</i>	DUAL	Heating capacity: <i>Potenza riscaldamento:</i>	4,40 kW

## COOLING / RAFFRESCAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMP. (DB, °C) TEMP. ESTERNA (DB, °C)														
		20			25			30			35			40		
DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
[°C]	[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
20	14	4,21	3,28	0,97	4,03	3,22	1,05	3,84	3,15	1,14	3,63	3,05	1,24	3,52	3,03	1,32
22	16	4,43	3,39	0,98	4,24	3,33	1,06	4,05	3,26	1,15	3,82	3,15	1,25	3,70	3,13	1,34
25	18	4,66	3,50	0,99	4,46	3,43	1,07	4,26	3,36	1,16	4,02	3,25	1,26	3,90	3,23	1,35
27	19	4,76	3,52	0,99	4,55	3,46	1,08	4,35	3,39	1,17	4,10	3,28	1,27	3,98	3,26	1,36
30	22	5,09	3,69	1,00	4,87	3,63	1,09	4,65	3,56	1,18	4,39	3,45	1,28	4,26	3,43	1,37
32	24	5,28	3,77	1,01	5,05	3,71	1,10	4,82	3,64	1,19	4,55	3,53	1,29	4,41	3,51	1,38

## HEATING / RISCALDAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMPERATURE (DB, °C) TEMP. ESTERNA (DB, °C)											
		-15		-10		-7		2		7		10	
DB		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
[°C]		[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
15		2,81	1,51	3,30	1,55	3,60	1,57	3,97	1,54	4,53	1,15	4,31	1,04
18		2,77	1,54	3,26	1,57	3,55	1,59	3,91	1,56	4,47	1,17	4,24	1,05
20		2,73	1,56	3,21	1,60	3,50	1,62	3,85	1,58	4,40	1,19	4,18	1,07
22		2,67	1,58	3,14	1,61	3,43	1,63	3,77	1,60	4,31	1,20	4,10	1,08
24		2,64	1,59	3,11	1,63	3,39	1,65	3,73	1,61	4,27	1,21	4,05	1,09
25		2,62	1,60	3,08	1,64	3,36	1,66	3,70	1,62	4,22	1,22	4,01	1,10
27		2,59	1,61	3,05	1,65	3,32	1,68	3,66	1,64	4,18	1,23	3,97	1,11

### Legenda:

DB: Dry Bulb / *Bulbo secco*  
 WB: Wet Bulb / *Bulbo umido*  
 TC: Total Capacity / *Capacità totale*  
 SHC: Sensible Cooling Capacity / *Capacità Sensibile*  
 PI: Power Input / *Potenza assorbita*

### Notes:

1. Capacities refer to following conditions / *Le potenze fanno riferimento alle seguenti condizioni:*  
 - Equivalent piping length - Level difference / *Lunghezza equivalente tubazioni - Dislivello tubazioni: 5m - 0m*  
 2. Data take defrosting operations into account  
 2. I dati considerano i cicli di sbrinamento nel funzionamento

# OUTDOOR UNIT-SM R-32 - PERFORMANCES

Standard specs Dati nominali			
Size (set): Grandezza (set):	53M	Cooling capacity: Potenza raffrescamento:	5,30 kW
Type: Tipo:	DUAL	Heating capacity: Potenza riscaldamento:	5,57 kW

## COOLING / RAFFRESCAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMP. (DB, °C) TEMP. ESTERNA (DB, °C)														
		20			25			30			35			40		
DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
[°C]	[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
20	14	5,44	4,24	1,24	5,20	4,16	1,35	4,97	4,07	1,46	4,69	3,94	1,59	4,55	3,91	1,70
22	16	5,72	4,38	1,25	5,48	4,30	1,36	5,23	4,21	1,48	4,93	4,07	1,61	4,79	4,04	1,72
25	18	6,03	4,52	1,27	5,77	4,44	1,38	5,51	4,35	1,49	5,19	4,21	1,62	5,04	4,18	1,74
27	19	6,15	4,55	1,27	5,88	4,47	1,39	5,62	4,38	1,50	5,30	4,24	1,63	5,14	4,22	1,74
30	22	6,58	4,77	1,28	6,29	4,69	1,40	6,01	4,60	1,51	5,67	4,46	1,65	5,50	4,43	1,76
32	24	6,82	4,88	1,29	6,53	4,80	1,41	6,24	4,71	1,52	5,88	4,56	1,65	5,71	4,54	1,77

## HEATING / RISCALDAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMPERATURE (DB, °C) TEMP. ESTERNA (DB, °C)											
		-15		-10		-7		2		7		10	
DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
[°C]	[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
15		3,02	1,43	3,46	1,44	3,73	1,45	4,25	1,43	5,74	1,46	5,45	1,31
18		2,98	1,46	3,41	1,46	3,67	1,47	4,18	1,46	5,65	1,48	5,37	1,33
20		2,93	1,48	3,36	1,49	3,62	1,49	4,12	1,48	5,57	1,50	5,29	1,35
22		2,88	1,49	3,30	1,50	3,55	1,51	4,04	1,49	5,46	1,52	5,19	1,36
24		2,85	1,51	3,26	1,52	3,51	1,52	4,00	1,51	5,40	1,53	5,13	1,38
25		2,82	1,52	3,23	1,52	3,48	1,53	3,96	1,51	5,35	1,54	5,08	1,38
27		2,79	1,53	3,20	1,54	3,44	1,54	3,92	1,53	5,29	1,55	5,03	1,40

### Legenda:

DB: Dry Bulb / Bulbo secco  
WB: Wet Bulb / Bulbo umido  
TC: Total Capacity / Capacità totale  
SHC: Sensible Cooling Capacity / Capacità Sensibile  
PI: Power Input / Potenza assorbita

### Notes:

- Capacities refer to following conditions / Le potenze fanno riferimento alle seguenti condizioni:  
- Equivalent piping length - Level difference / Lunghezza equivalente tubazioni - Dislivello  
tubazioni: 5m - 0m
- Data take defrosting operations into account  
2. I dati considerano i cicli di sbrinamento nel funzionamento

# OUTDOOR UNIT-SM R-32 - PERFORMANCES

Standard specs <i>Dati nominali</i>			
Size (set): <i>Grandezza (set):</i>	61M	Cooling capacity: <i>Potenza raffrescamento:</i>	6,10 kW
Type: <i>Tipo:</i>	TRIPLE	Heating capacity: <i>Potenza riscaldamento:</i>	6,60 kW

## COOLING / RAFFRESCAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMP. (DB, °C) TEMP. ESTERNA (DB, °C)														
		20			25			30			35			40		
DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
[°C]	[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
20	14	6,26	4,88	1,44	5,99	4,79	1,57	5,72	4,69	1,70	5,40	4,53	1,84	5,23	4,50	1,97
22	16	6,59	5,04	1,45	6,30	4,95	1,58	6,02	4,85	1,71	5,68	4,69	1,86	5,51	4,65	1,99
25	18	6,93	5,20	1,47	6,64	5,11	1,60	6,34	5,01	1,73	5,98	4,84	1,88	5,80	4,81	2,01
27	19	7,08	5,24	1,47	6,77	5,15	1,61	6,47	5,04	1,74	6,10	4,88	1,89	5,92	4,85	2,02
30	22	7,57	5,49	1,49	7,24	5,40	1,62	6,92	5,29	1,76	6,53	5,13	1,91	6,33	5,10	2,04
32	24	7,85	5,62	1,50	7,52	5,52	1,63	7,18	5,42	1,76	6,77	5,25	1,92	6,57	5,22	2,05

## HEATING / RISCALDAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMPERATURE (DB, °C) TEMP. ESTERNA (DB, °C)											
		-15		-10		-7		2		7		10	
DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
[°C]	[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
15		3,06	1,62	3,80	1,67	4,25	1,70	5,13	1,63	6,80	1,72	6,46	1,55
18		3,01	1,64	3,75	1,69	4,19	1,73	5,06	1,66	6,70	1,74	6,36	1,57
20		2,97	1,67	3,69	1,72	4,13	1,75	4,98	1,68	6,60	1,77	6,27	1,59
22		2,91	1,68	3,62	1,74	4,04	1,77	4,88	1,70	6,47	1,79	6,14	1,61
24		2,88	1,70	3,58	1,75	4,00	1,79	4,83	1,72	6,40	1,81	6,08	1,62
25		2,85	1,71	3,54	1,76	3,96	1,80	4,78	1,72	6,34	1,81	6,02	1,63
27		2,82	1,72	3,51	1,78	3,92	1,81	4,73	1,74	6,27	1,83	5,96	1,65

**Legenda:**

DB: Dry Bulb / *Bulbo secco*  
 WB: Wet Bulb / *Bulbo umido*  
 TC: Total Capacity / *Capacità totale*  
 SHC: Sensible Cooling Capacity / *Capacità Sensibile*  
 PI: Power Input / *Potenza assorbita*

**Notes:**

1. Capacities refer to following conditions / *Le potenze fanno riferimento alle seguenti condizioni:*  
 - Equivalent piping length - Level difference / *Lunghezza equivalente tubazioni - Dislivello*  
*tubazioni: 5m - 0m*  
 2. Data take defrosting operations into account  
 2. *I dati considerano i cicli di sbrinamento nel funzionamento*

# OUTDOOR UNIT-SM R-32 - PERFORMANCES

Standard specs <i>Dati nominali</i>			
Size (set): <i>Grandezza (set):</i>	79M	Cooling capacity: <i>Potenza raffrescamento:</i>	7,90 kW
Type: <i>Tipo:</i>	TRIPLE	Heating capacity: <i>Potenza riscaldamento:</i>	8,20 kW

## COOLING / RAFFRESCAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMP. (DB, °C) TEMP. ESTERNA (DB, °C)														
		20			25			30			35			40		
DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
[°C]	[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
20	14	8,11	6,32	1,86	7,76	6,20	2,03	7,41	6,07	2,20	6,99	5,87	2,39	6,78	5,83	2,56
22	16	8,53	6,53	1,88	8,16	6,41	2,05	7,80	6,28	2,22	7,35	6,07	2,41	7,13	6,03	2,58
25	18	8,98	6,74	1,90	8,59	6,62	2,07	8,21	6,48	2,24	7,74	6,27	2,44	7,51	6,23	2,61
27	19	9,16	6,78	1,91	8,77	6,66	2,08	8,37	6,53	2,25	7,90	6,32	2,45	7,66	6,28	2,62
30	22	9,81	7,11	1,93	9,38	6,99	2,10	8,96	6,85	2,28	8,45	6,64	2,47	8,20	6,60	2,65
32	24	10,17	7,27	1,94	9,73	7,15	2,11	9,30	7,02	2,29	8,77	6,80	2,49	8,51	6,76	2,66

## HEATING / RISCALDAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMPERATURE (DB, °C) TEMP. ESTERNA (DB, °C)											
		-15		-10		-7		2		7		10	
DB		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
[°C]		[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
15		5,44	2,83	6,24	2,93	6,71	2,99	7,09	2,69	8,45	2,13	8,02	1,92
18		5,36	2,87	6,15	2,97	6,62	3,03	6,99	2,73	8,32	2,17	7,91	1,95
20		5,28	2,92	6,06	3,02	6,52	3,08	6,89	2,77	8,20	2,20	7,79	1,98
22		5,18	2,95	5,93	3,05	6,39	3,11	6,75	2,80	8,04	2,22	7,63	2,00
24		5,12	2,98	5,87	3,08	6,32	3,14	6,68	2,83	7,95	2,24	7,56	2,02
25		5,07	2,99	5,81	3,09	6,26	3,16	6,61	2,84	7,87	2,26	7,48	2,03
27		5,02	3,02	5,75	3,12	6,19	3,19	6,54	2,87	7,79	2,28	7,40	2,05

**Legenda:**

DB: Dry Bulb / *Bulbo secco*  
 WB: Wet Bulb / *Bulbo umido*  
 TC: Total Capacity / *Capacità totale*  
 SHC: Sensible Cooling Capacity / *Capacità Sensibile*  
 PI: Power Input / *Potenza assorbita*

**Notes:**

1. Capacities refer to following conditions / *Le potenze fanno riferimento alle seguenti condizioni:*  
 - Equivalent piping length - Level difference / *Lunghezza equivalente tubazioni - Dislivello*  
*tubazioni: 5m - 0m*  
 2. Data take defrosting operations into account  
 2. *I dati considerano i cicli di sbrinamento nel funzionamento*

# OUTDOOR UNIT-SM R-32 - PERFORMANCES

Standard specs <i>Dati nominali</i>			
Size (set): <i>Grandezza (set):</i>	82M	Cooling capacity: <i>Potenza raffrescamento:</i>	8,21 kW
Type: <i>Tipo:</i>	QUADRI	Heating capacity: <i>Potenza riscaldamento:</i>	8,80 kW

## COOLING / RAFFRESCAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMP. (DB, °C) TEMP. ESTERNA (DB, °C)															
		20			25			30			35			40			
		DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC
[°C]	[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
20	14	8,42	6,57	1,93	8,06	6,45	2,11	7,70	6,31	2,28	7,26	6,10	2,48	7,04	6,06	2,65	
22	16	8,87	6,78	1,95	8,48	6,66	2,13	8,10	6,52	2,30	7,64	6,31	2,50	7,41	6,27	2,68	
25	18	9,33	7,00	1,97	8,93	6,88	2,15	8,53	6,74	2,33	8,05	6,52	2,53	7,80	6,48	2,70	
27	19	9,52	7,05	1,98	9,11	6,93	2,16	8,70	6,79	2,34	8,21	6,57	2,54	7,96	6,53	2,72	
30	22	10,19	7,39	2,00	9,75	7,26	2,18	9,31	7,12	2,36	8,78	6,90	2,57	8,52	6,86	2,74	
32	24	10,57	7,56	2,01	10,12	7,43	2,19	9,66	7,29	2,37	9,11	7,06	2,58	8,84	7,03	2,76	

## HEATING / RISCALDAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMPERATURE (DB, °C) TEMP. ESTERNA (DB, °C)											
		-15		-10		-7		2		7		10	
		DB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC
[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
15	4,84	2,74	5,55	2,75	5,98	2,76	6,34	2,41	9,06	2,30	8,61	2,07	
18	4,77	2,79	5,47	2,80	5,90	2,80	6,25	2,45	8,93	2,33	8,49	2,10	
20	4,70	2,83	5,39	2,84	5,81	2,84	6,16	2,49	8,80	2,37	8,36	2,13	
22	4,60	2,86	5,28	2,87	5,69	2,87	6,04	2,51	8,62	2,39	8,19	2,15	
24	4,56	2,89	5,23	2,90	5,63	2,90	5,98	2,54	8,54	2,42	8,11	2,18	
25	4,51	2,90	5,18	2,91	5,58	2,92	5,91	2,55	8,45	2,43	8,03	2,19	
27	4,46	2,93	5,12	2,94	5,52	2,94	5,85	2,58	8,36	2,45	7,94	2,21	

**Legenda:**

DB: Dry Bulb / *Bulbo secco*  
 WB: Wet Bulb / *Bulbo umido*  
 TC: Total Capacity / *Capacità totale*  
 SHC: Sensible Cooling Capacity / *Capacità Sensibile*  
 PI: Power Input / *Potenza assorbita*

**Notes:**

1. Capacities refer to following conditions / *Le potenze fanno riferimento alle seguenti condizioni:*  
 - Equivalent piping length - Level difference / *Lunghezza equivalente tubazioni - Dislivello*  
*tubazioni: 5m - 0m*
2. Data take defrosting operations into account  
*2. I dati considerano i cicli di sbrinamento nel funzionamento*

# OUTDOOR UNIT-SM R-32 - PERFORMANCES

Standard specs <i>Dati nominali</i>			
Size (set): <i>Grandezza (set):</i>	105M	Cooling capacity: <i>Potenza raffrescamento:</i>	10,50 kW
Type: <i>Tipo:</i>	QUADRI	Heating capacity: <i>Potenza riscaldamento:</i>	11,10 kW

## COOLING / RAFFRESCAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMP. (DB, °C) TEMP. ESTERNA (DB, °C)															
		20			25			30			35			40			
		DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC
[°C]	[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
20	14	10,77	8,40	2,47	10,31	8,25	2,69	9,84	8,07	2,92	9,29	7,80	3,17	9,01	7,75	3,39	
22	16	11,34	8,67	2,50	10,85	8,52	2,72	10,36	8,34	2,95	9,78	8,06	3,20	9,48	8,01	3,43	
25	18	11,94	8,95	2,52	11,42	8,79	2,75	10,91	8,62	2,98	10,29	8,33	3,23	9,98	8,28	3,46	
27	19	12,18	9,01	2,54	11,66	8,86	2,76	11,13	8,68	2,99	10,50	8,40	3,25	10,19	8,35	3,48	
30	22	13,03	9,45	2,56	12,47	9,29	2,79	11,91	9,11	3,02	11,24	8,83	3,28	10,90	8,77	3,51	
32	24	13,52	9,67	2,57	12,94	9,51	2,80	12,35	9,33	3,03	11,66	9,03	3,30	11,31	8,99	3,53	

## HEATING / RISCALDAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMPERATURE (DB, °C) TEMP. ESTERNA (DB, °C)											
		-15		-10		-7		2		7		10	
		DB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC
[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
15	6,06	3,97	6,99	3,92	7,55	3,89	8,75	3,60	11,43	2,90	10,86	2,61	
18	5,97	4,03	6,89	3,98	7,44	3,95	8,62	3,65	11,27	2,95	10,70	2,65	
20	5,88	4,10	6,78	4,04	7,33	4,01	8,49	3,71	11,10	2,99	10,55	2,69	
22	5,77	4,14	6,65	4,08	7,18	4,05	8,32	3,74	10,88	3,02	10,33	2,72	
24	5,71	4,18	6,58	4,12	7,11	4,09	8,24	3,78	10,77	3,05	10,23	2,74	
25	5,65	4,20	6,51	4,14	7,03	4,11	8,15	3,80	10,66	3,06	10,12	2,76	
27	5,59	4,24	6,45	4,18	6,96	4,15	8,07	3,84	10,55	3,09	10,02	2,79	

**Legenda:**

DB: Dry Bulb / *Bulbo secco*  
 WB: Wet Bulb / *Bulbo umido*  
 TC: Total Capacity / *Capacità totale*  
 SHC: Sensible Cooling Capacity / *Capacità Sensibile*  
 PI: Power Input / *Potenza assorbita*

**Notes:**

1. Capacities refer to following conditions / *Le potenze fanno riferimento alle seguenti condizioni:*  
 - Equivalent piping length - Level difference / *Lunghezza equivalente tubazioni - Dislivello*  
*tubazioni: 5m - 0m*
2. Data take defrosting operations into account  
*2. I dati considerano i cicli di sbrinamento nel funzionamento*

# OUTDOOR UNIT-SM R-32 - PERFORMANCES

Standard specs <i>Dati nominali</i>			
Size (set): <i>Grandezza (set):</i>	125M	Cooling capacity: <i>Potenza raffrescamento:</i>	12,30 kW
Type: <i>Tipo:</i>	PENTA	Heating capacity: <i>Potenza riscaldamento:</i>	12,30 kW

## COOLING / RAFFRESCAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMP. (DB, °C) TEMP. ESTERNA (DB, °C)															
		20			25			30			35			40			
		DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC
[°C]	[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
20	14	12,62	9,84	2,89	12,08	9,66	3,15	11,53	9,46	3,41	10,88	9,14	3,71	10,55	9,08	3,96	
22	16	13,28	10,16	2,92	12,71	9,98	3,18	12,14	9,77	3,44	11,45	9,45	3,74	11,11	9,39	4,01	
25	18	13,98	10,49	2,95	13,38	10,30	3,21	12,78	10,09	3,48	12,05	9,76	3,78	11,69	9,70	4,05	
27	19	14,27	10,56	2,96	13,65	10,38	3,23	13,04	10,17	3,50	12,30	9,84	3,80	11,93	9,78	4,07	
30	22	15,27	11,07	2,99	14,61	10,88	3,26	13,95	10,67	3,53	13,16	10,34	3,84	12,77	10,28	4,11	
32	24	15,84	11,32	3,01	15,15	11,14	3,28	14,47	10,93	3,55	13,65	10,58	3,86	13,24	10,53	4,13	

## HEATING / RISCALDAMENTO

INDOOR TEMP. TEMP. INTERNA		OUTDOOR TEMPERATURE (DB, °C) TEMP. ESTERNA (DB, °C)											
		-15		-10		-7		2		7		10	
		DB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC
[°C]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]	[kW]
15	5,83	3,91	6,70	3,69	7,22	3,55	8,74	3,43	12,67	3,20	12,04	2,88	
18	5,74	3,97	6,60	3,74	7,12	3,61	8,61	3,48	12,48	3,25	11,86	2,93	
20	5,66	4,03	6,50	3,80	7,01	3,66	8,49	3,53	12,30	3,30	11,69	2,97	
22	5,54	4,07	6,37	3,84	6,87	3,70	8,32	3,57	12,05	3,33	11,45	3,00	
24	5,49	4,11	6,31	3,88	6,80	3,74	8,23	3,60	11,93	3,37	11,33	3,03	
25	5,43	4,13	6,24	3,89	6,73	3,75	8,15	3,62	11,81	3,38	11,22	3,04	
27	5,38	4,17	6,18	3,93	6,66	3,79	8,06	3,65	11,69	3,42	11,10	3,07	

**Legenda:**

DB: Dry Bulb / *Bulbo secco*  
 WB: Wet Bulb / *Bulbo umido*  
 TC: Total Capacity / *Capacità totale*  
 SHC: Sensible Cooling Capacity / *Capacità Sensibile*  
 PI: Power Input / *Potenza assorbita*

**Notes:**

1. Capacities refer to following conditions / *Le potenze fanno riferimento alle seguenti condizioni:*  
 - Equivalent piping length - Level difference / *Lunghezza equivalente tubazioni - Dislivello*  
*tubazioni: 5m - 0m*  
 2. Data take defrosting operations into account  
 2. *I dati considerano i cicli di sbrinamento nel funzionamento*