

HTR

TELECOM ROOFTOP
FOR LOW AND MEDIUM POWER TELEPHONE EXCHANGES



		701	1201	1601	1801	2501	3201
		Inlet air condition 27°C - 40% r.h; Outdoor air 35°C					
Total cooling capacity	kW	7.4	12.5	16.6	18.8	26.2	33.5
SHR	-	1.00	1.00	1.00	1.00	1.00	1.00
EER of the chilling cycle	-	4.4	3.9	3.8	4.5	3.9	3.8
Total Power Input	kW	2.6	4.1	5.5	5.6	8.5	11.0
		Inlet air condition 30°C - 35% r.h; Outdoor air 35°C					
Total cooling capacity	kW	8.2	13.8	17.7	20.3	27.9	35.4
SHR	-	1.00	1.00	1.00	1.00	1.00	1.00
EER of the chilling cycle	-	4.8	4.3	4.0	4.8	4.0	3.9
Total Power Input	kW	2.6	4.1	5.5	5.6	8.8	11.3
Evaporator air flow rate	m³/h	2500	4000	4800	6000	8000	9000
Condenser-air flow rate	m³/h	3500	4500	5000	6200	8000	9000
AESP evaporating cross-section	Pa	600	460	460	600	600	450
Electrical power supply	V/-Hz	400/3+N/50					
Dimensions [L x H x D]	mm	900 x 1100 x 2290			1300 x 1100 x 2290		

Also available with 60 Hz power supply

ITALIAN
COOLING
SOLUTIONS

HiRef

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FOR LOW AND MEDIUM POWER TELEPHONE EXCHANGES

HTR



7 - 34 kW

HiRef

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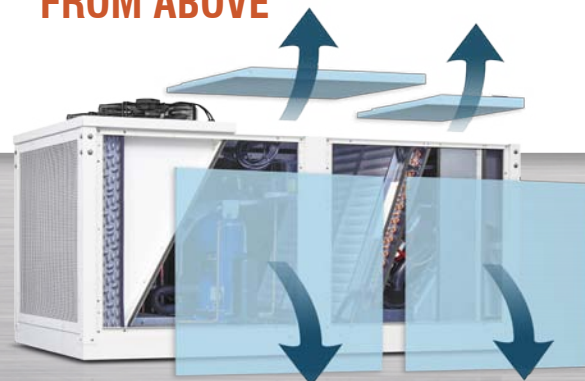
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● MAXIMUM EFFICIENCY AT PARTIAL LOADS



the use of EC electronic toggling fans (factory-fitted) in the evaporating section makes it possible to cut down to a minimum ventilation costs, thus contributing to increasing the energy efficiency of the unit, especially at partial loads. In order to obtain the highest energy savings, the version with BLDC variable-speed compressors is also available.

● COMPLETELY ACCESSIBLE FROM ABOVE



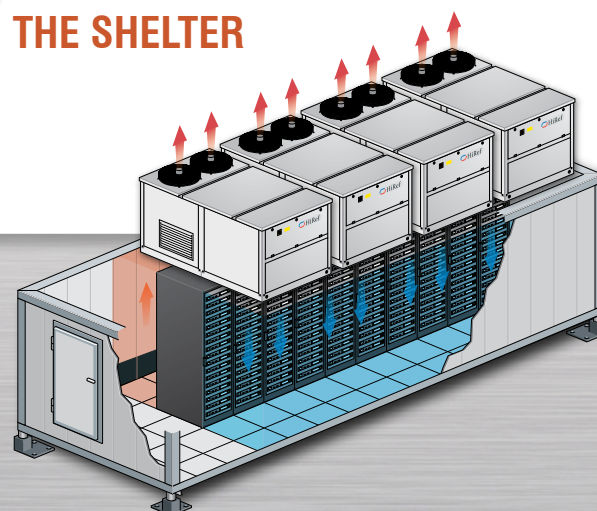
All components installed inside the **HTR** rooftop unit are accessible by removing the panels on the top part; this significantly makes all maintenance operations easier, whether routine or extraordinary.

● HIGHEST ENERGY SAVINGS WITH DIRECT FREE-COOLING



Upon request, the units of the **HTR** range can also be fitted with a direct Free-Cooling module. Since this system is also activated during mechanical cooling, it allows significant energy savings since it cuts down on the operating time of the compressor.

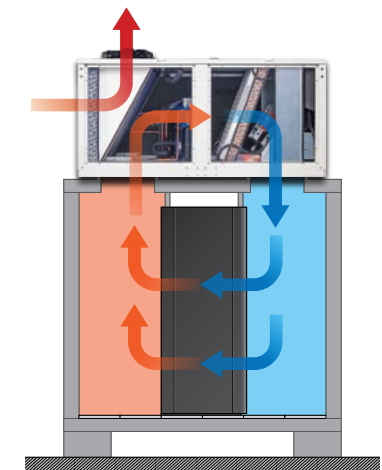
● MAXIMUM SPACE INSIDE THE SHELTER



The **HTR** rooftop units are designed to be installed outside the shelter. This makes it possible to fully use the internal space, which is dedicated exclusively to installation of the server racks.

● UNIT OPTIMISED FOR THE CONFIGURATION WITH HOT/COLD CORRIDOR

The configuration of the units was designed to best adapt to the cooling mode that takes advantage of the subdivision between hot and cold corridors, adopted to avoid energy waste due to the short-circuit between the expelled hot air and the cooling air to the server. The distance between the two air intake and supply flanges guarantees easy installation, without the use of piping.



- » Refrigerant R410A, also available with R134a for applications with high outdoor temperature.
- » Available with BLDC compressor with variable speed.
- » Available in the version with 50 Hz or 60 Hz power supply.
- » Version for low outdoor temperatures (-40°C) available.
- » Post heating management with electric heat elements
- » Electrical panel in overpressure for the utmost safety.
- » Stainless steel metalwork upon request.