

# Roof-mounted Compact HVAC Unit

## Passenger Compartment ICE 3.1



### General Technical Data

Supply Air Volume	Cooling 3,000 m <sup>3</sup> /h Heating 2,800 m <sup>3</sup> /h
Cooling Capacity	32.3 kW
Refrigerant	R729 (Air)
Heating Capacity	37 kW
Supply Air Fan	2 x radial
Cooling Air Fan	1 x radial
Weight	approx. 760 kg
Dimensions (W x L x H)	1,400 x 2,700 x 670 mm

### Electrical Data

Supply Voltage	Control Unit	110 V DC (internal 24 V DC)
	Heating Unit	670 V DC
	Supply Air Fan	3 x 440 V, 0-100 Hz
	Cooling Air Fan	3 x 440 V, 60 Hz
	Turbine	50 – 650 Hz
Nominal Power Unit	Supply Air Fan	approx. 2 x 1.65 kW
	Cooling Air Fan	approx. 1 x 0.95 kW
	Turbine	approx. 45 kW
	Nominal Current of Turbine	max. 65 A rms

### Additional Features

- Microprocessor based control/diagnosis system and contactors that are necessary for operation are mounted externally
- Leakage detection of process air