

ECP__ BASE4 U VDE

ECP 7.5 BASE4 U VDE | ECP 15 BASE4 U VDE
ECP 19.5 BASE4 U VDE

A line of power and electronic control panels to manage the three-phase evaporating unit only where devices are served by a compressor rack.

Various power ranges and a wide range of optionals allow you to choose the panel best suited to your system.



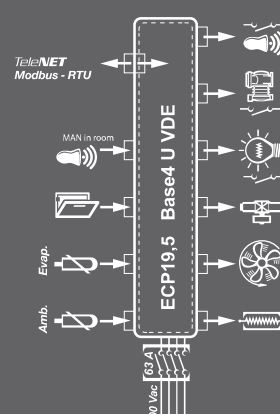
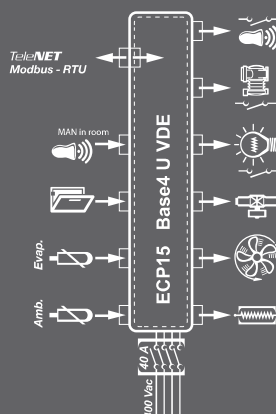
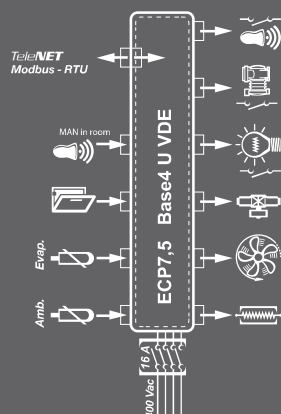
APPLICATIONS

- Control of evaporating unit only with electrical defrost up to 21 kW.

MAIN CHARACTERISTICS

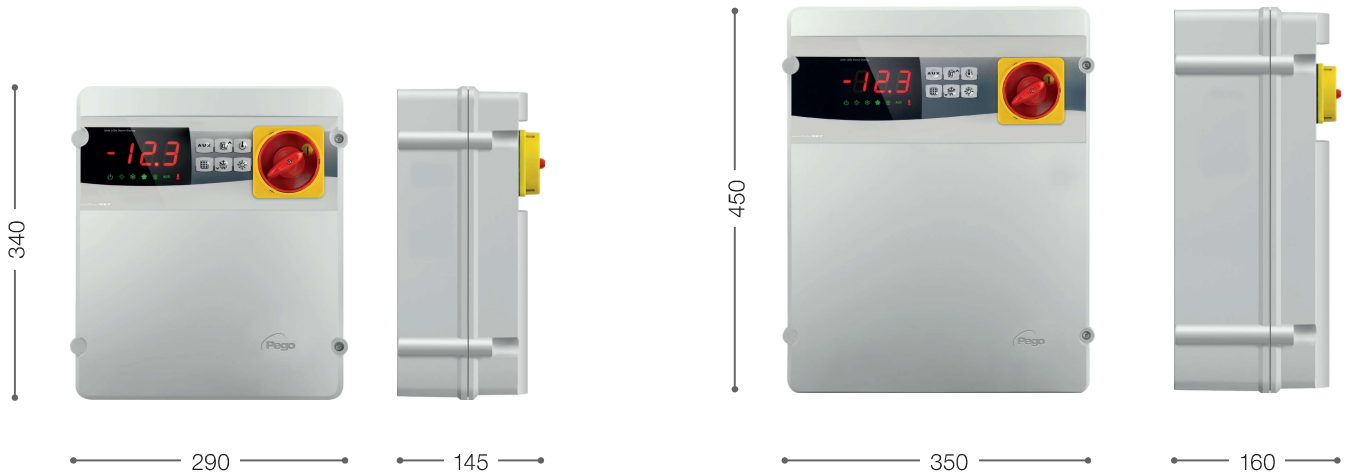
- Protection of the loads and the auxiliary circuit with circuit breakers.
- Enabling for condensing unit, defrosting elements, evaporator fans, solenoid valve, room light and all standard-compliant electrical safeguards.
- Compact, self-extinguishing ABS housing with IP65 protection rating and circuit breaker on front of panel.
- Control electronics with large backlit LCD and user-friendly keypad.
- LED system status indicators.
- RS485 for connection to TeleNET industrial supervision network or Modbus-RTU standard protocol.
- Free-voltage contact alarm output to activate other warning devices such as sirens or dials.

CONNECTION DIAGRAMS



THREE-PHASE UNITS BASE SERIES

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TECHNICAL CHARACTERISTICS	ECP 7.5 BASE4 U VDE	ECP 15 BASE4 U VDE	ECP 19.5 BASE4 U VDE
BOX DIMENSIONS	290 x 340 x 145 mm	350 x 450 x 160 mm	350 x 450 x 160 mm
WEIGHT	6 kg	6 kg	7 kg
PROTECTION RATING	IP65	IP65	IP65
POWER SUPPLY	400 V AC $\pm 10\%$ 50/60 Hz	400 V AC $\pm 10\%$ 50/60 Hz	400 V AC $\pm 10\%$ 50/60 Hz
LOAD TYPE	THREE-PHASE	THREE-PHASE	THREE-PHASE
WORKING TEMPERATURE	-5 \div +40 °C	-5 \div +40 °C	-5 \div +40 °C
STORAGE TEMPERATURE	-10 \div +70 °C	-10 \div +70 °C	-10 \div +70 °C
RELATIVE AMBIENT HUMIDITY	< 90% RH	< 90% RH	< 90% RH
RANGE OF READING	-45 \div +45 °C	-45 \div +45 °C	-45 \div +45 °C
MAIN SWITCH	16 A	40 A	63 A
PROTECTION	CIRCUIT BREAKERS	CIRCUIT BREAKERS	CIRCUIT BREAKERS
CONTROL	PEGO	PEGO	PEGO
DEFROSTING	ELECTRICAL	ELECTRICAL	ELECTRICAL
INSULATION TRANSFORMER	PRESENT	PRESENT	PRESENT
STATUS INDICATORS	LED + DISPLAY	LED + DISPLAY	LED + DISPLAY
ALARM SIGNALS	LED + BUZZER	LED + BUZZER	LED + BUZZER
INPUTS			
AMBIENT PROBE	NTC 10 k Ω	NTC 10 k Ω	NTC 10 k Ω
EVAPORATOR PROBE	NTC 10 k Ω	NTC 10 k Ω	NTC 10 k Ω
DOOR SWITCH	PRESENT	PRESENT	PRESENT
MAN IN COLD-ROOM ALARM	AVAILABLE	AVAILABLE	AVAILABLE
OUTPUTS			
EVAPORATOR FANS	800 W (1PH)	2x2000 W (3PH)	3x2000 W (3PH)
DEFROSTING HEATERS	7500 W (2500 W x 3, AC1)	16500 W (5500 W x 3, AC1)	21000 W (7000 W x 3, AC1)
ROOM LIGHT	PRESENT	PRESENT	PRESENT
SOLENOID VALVE	PRESENT	PRESENT	PRESENT
ENABLE CONDENSING UNIT	PRESENT	PRESENT	PRESENT
ALARM RELAY	PRESENT	PRESENT	PRESENT
SUPERVISION SYSTEM	TELENET / MODBUS-RTU	TELENET / MODBUS-RTU	TELENET / MODBUS-RTU