



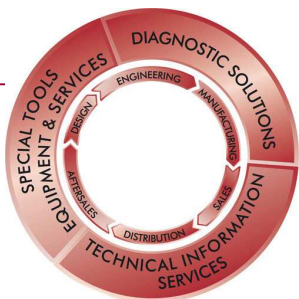
keeps wheels turning  
solutions for the transport industry

# AC790PRO

RRR Air Conditioning Service Unit for Industrial and Bus System

By Alessandro Carluccio



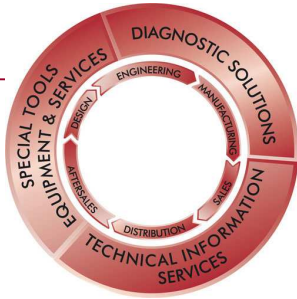


## SPX SERVICE SOLUTIONS

# AC790PRO

1. Top Key Features
2. General Functions
3. Technical Data
4. Sales Argument
5. Competition





## SPX SERVICE SOLUTIONS

# Top Key Features



- 80 characters back-lit LCD Multilanguage display
- 3 pressure gauges
- Large memory for software expansion
- Powerful hermetic compressor
- Super-cooled condenser
- Heavy duty dual stage vacuum pump
- Automatic hose compensation
- Long service hoses
- Gain Pump
- Integrated flushing program
- Serviceability





## SPX SERVICE SOLUTIONS

# General Functions



- Dual operating mode: Expert or Beginner
- Special SW for accurate recovery of refrigerant and oil
- Single functions operating mode
- Programmable vacuum phase
- Automatic and programmable refrigerant charging
- Integrated and guided AC system pressure test
- Non condensable gases auto-purging
- Self diagnostic for unit maintenance







## SPX SERVICE SOLUTIONS

# Technical Data

<b>Refrigerant:</b>	R134a	<b>Compressor:</b>	5/8 HP - 21 cc
<b>Vacuum pump:</b>	Dual Stage 283 L/min (10 CFM)	<b>Manometer:</b>	Φ 80mm class 1
<b>Maximum pressure:</b>	16 bar (232 psi)	<b>Hoses management:</b>	500 cm / SAE-J2196
<b>Operating temperature:</b>	10 – 50 °C	<b>Power supply:</b>	230V 50Hz
<b>Tank capacity:</b>	40 L (35 Kg)	<b>Dimensions in cm:</b>	128x69x69
<b>Oil tank:</b>	2 x 2000 ml air	<b>Weight:</b>	120 Kg (264,5 libre)
<b>Filter dryer high performance:</b>	710cc SAE J 2099	<b>Gain Pump</b>	



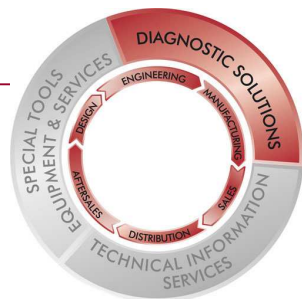


## SPX SERVICE SOLUTIONS

# Commercial Arguments







- The Gain Pump provides for a fast and complete charge of refrigerant and oil.
- The powerful Compressor provides for a constant refrigerant recovery limiting any icing phenomena in the AC system filter dryer
- The special SW provides for a oil recovery step by step limiting foaming phenomena and the risk of oil return in to the compressor.
- The Unit provides for recovery, vacuum and refill in a time comparable in proportion with the unit for cars
- The Twin Fun provides the best control of temperature and pressure of the refrigerant in the recovery phase and the working temperature of all internal components (compressor, pumps, electronic circuits).



## SPX SERVICE SOLUTIONS

# Competition

Product	Company	PN	Compressor	Vacuum Pump	Gain Pump	Oil Bottles	Weight	Service Hoses	Fonction	Tank
	Robinair Tecnotest	AC790PRO	5/8 HP	283 L/min	Yes	2000 ml	130 Kg	5 m	Automatic	40 L
	Wigam - Amica BUS	13003061	?	180 L/min	Yes	1000 ml	160 Kg	3 m	Full Automatic	40 Kg
	Ecotechnics	ECK TRUCK	21 cc	170 L/min	Yes	?	100 Kg	3 m	Full Automatic	27 L
	Spin	Astrabus 134	100 cc	133 L/min	?	?	?	3 m	Full Automatic	40 L