

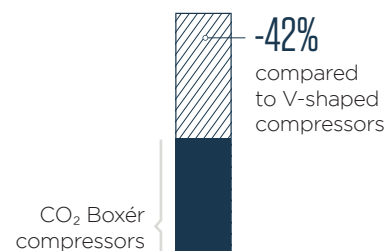
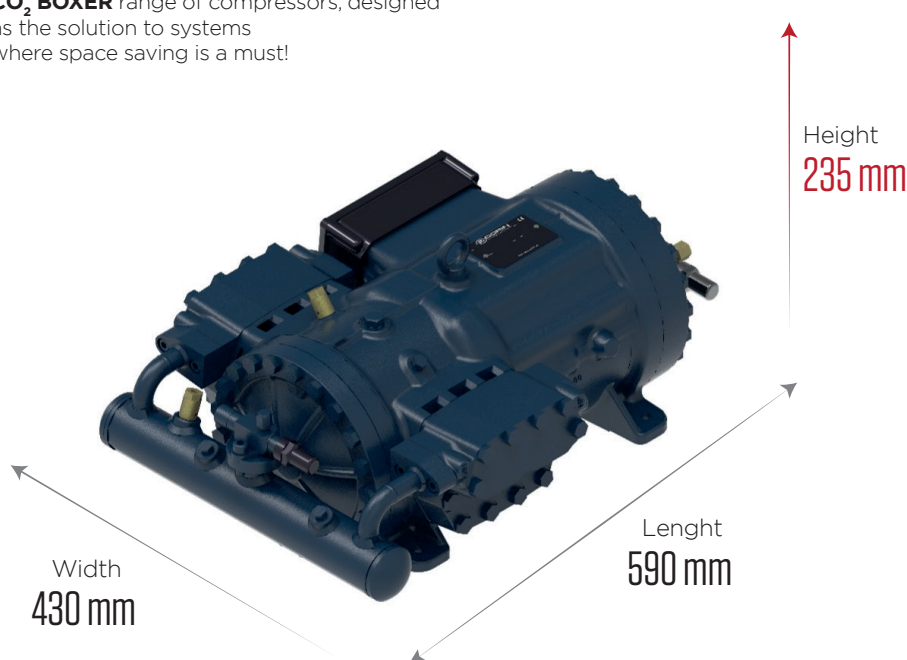
BOXÉR: A NEW ERA FOR E-BUS AND RAILWAY APPLICATIONS



OFFICINE MARIO DORIN SINCE 1918
DORIN
INNOVATION

30 years of experience in CO₂ compression technology

DORIN is proud to present the innovative **CO₂ BOXÉR** range of compressors, designed as the solution to systems where space saving is a must!



Perfect fit for mobile
HVAC applications



Trains



Electric Buses

MAIN BENEFITS



low
vibration



smooth and silent
operation



decreased operational
and maintenance
costs



longevity
increase



high COP
levels



unique design
of the external
discharge manifold



minimum evaporating
temperature of -30°C



SUSTAINABILITY

Dorin is the best compressor partner
to turn your CO₂ journey
into a real success



MAIN TECHNICAL FEATURES

● **4 Semi-Hermetic models** available

● **4 cylinders** arrayed
in a Boxér configuration

● **PS = 150 bar /
PSs = 100 bar**

● **Weight 108 kg**
in cast iron execution

● Displacements **from
4,6 m³/h to 9,2 m³/h**

● Inverter drive operation
between 25Hz and 70Hz

● Cooling capacities
from 4 kW to 28 kW (*)

● Heating capacities
from 4 kW to 23 kW ()**

(* T_{ev} = +10°C / SH = 10K / P_{disch} = 100 bar / T_{gcout} = 40°C)

(** T_{ev} = -20°C / SH = 10K / P_{disch} = 80 bar / T_{gcout} = 25°C)

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