

TECHNICAL DATASHEET

DOMINO EXR C 450-P

PRODUCT FICHE according to European Regulation n° 813/2013: Information requirements for heat pump space heaters and heat pump combination heaters							
Model:		DOMINO EXR C 450-P					
Air-to-water heat pump:							yes
Water-to-water heat pump:							no
Brine-to-water heat pump:							no
Low-temperature heat pump:							no
Equipped with a supplementary heater:							no
Heat pump combination heater:							no
For low-temperature heat pumps, parameters shall be declared for low-temperature application. Otherwise, parameters shall be declared for medium-temperature application. Parameters shall be declared for average climate conditions.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated heat output	Prated	133.29	kW	Seasonal space heating energy efficiency	ηs	113	%
Tj = -7°C	Pdh	117.29	kW	Tj = -7°C	COPd	2.43	-
Tj = +2°C	Pdh	70.64	kW	Tj = +2°C	COPd	3.31	-
Tj = +7°C	Pdh	45.32	kW	Tj = +7°C	COPd	3.15	-
Tj = +12°C	Pdh	19.99	kW	Tj = +12°C	COPd	2.11	-
Tj = bivalent temperature	Pdh	117.29	kW	Tj = bivalent temperature	COPd	2.43	-
Tj = operation limit temperature	Pdh	50.02	kW	Tj = operation limit temperature	COPd	2.45	-
For air-to-water heat pumps: Tj = -15 °C (if TOL < - 20 °C)	Pdh	-	kW	For air-to-water heat pumps: Tj = -15 °C (if TOL < - 20 °C)	COPd	-	-
Bivalent temperature	Tbiv	-7.00	°C	For air-to-water heat pumps: Operation limit temperature	TOL	-10.00	°C
Degradation coefficient	Cdh	0.90	-	Heating water operating limit temperature	WTOL	40.00	°C
Power consumption in modes other than active mode				Supplementary heater			
Off mode	POFF	0.05	kW	Rated heat output	Psup	-	kW
Thermostat-off mode	PTO	0.07	kW				
Standby mode	PSB	0.05	kW	Type of energy input		-	
Crankcase heater mode	PCK	0.12	kW				
Other items							
Capacity control	fixed/variable	variable		For air-to-water heat pumps: Rated air flow rate, outdoors	-	62640	m3/h
Sound power level, indoors	LWA	-	dB(A)	For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchange	-	-	m3/h
Sound power level, outdoors	LWA	88.2	dB(A)				