

DucoBox Energy Sky D275



Trade mark	Duco
Model reference	DucoBox Energy Sky D275 0000-4939 / 0000-4940

		Manual control (no DCV)	Clock control (no DCV)	Central demand control (+ 1 sensor)	Local demand control (+ min 2 sensors)
Specific energy consumption (SEC) in (kWh/(m².an))	cold	-78,1	-79,0	-80,7	-83,7
	average	-39,2	-40,0	-41,5	-44,0
SEC class	warm	-14,4	-15,1	-16,4	-18,6
	cold	A+	A+	A+	A+
	average	A	A	A	A+
	warm	E	E	E	E
Typology		Bidirectional	Bidirectional	Bidirectional	Bidirectional
Type of motor		Variable speed	Variable speed	Variable speed	Variable speed
Type of heat recovery		Recuperative	Recuperative	Recuperative	Recuperative
Thermal efficiency of heat recovery in (%)		91,2%	91,2%	91,2%	91,2%
Maximum flow rate in (m³/h)		275	275	275	275
Electric fanpower input at maximum flow rate in (W)		125	125	125	125
Sound power level Lwa at reference flow rate in dB(A)		45	45	45	45
Reference flow rate in (m³/s)		0,05	0,05	0,05	0,05
Reference pressure difference in (Pa)		50	50	50	50
SPI en (W/m³/h)		0,21	0,21	0,21	0,21
Control factor and control typology		1 Manual control	0,95 Clock control	0,85 Central demand control	0,65 Local demand control
Declared maximum internal leakage rates in (%)		≤ 3,00%	≤ 3,00%	≤ 3,00%	≤ 3,00%
Declared maximum external leakage rates in (%)		≤ 3,00%	≤ 3,00%	≤ 3,00%	≤ 3,00%
Mixing rate in (%)		Not applicable	Not applicable	Not applicable	Not applicable
Position and description of visual filter warning		Display / Controls / App	Display / Controls / App	Display / Controls / App	Display / Controls / App
Instructions to install regulated supply/exhaust grilles		Not applicable			
Pre-/dis-assembly instructions		www.duco.eu			
Airflow sensitivity to pressure variations at +20 Pa / -20Pa		Not applicable	Not applicable	Not applicable	Not applicable
Indoor/outdoor air tightness in (m³/h)		Not applicable	Not applicable	Not applicable	Not applicable
Annual electricity consumption (AEC) in (kWh electricity/a)		266,1	240,7	193,9	115,8
Annual heating saved (AHS) in (kWh primary energy/a)	cold	9038	9066	9120	9230
	average	4620	4634	4662	4718
	warm	2089	2095	2108	2134