

DucoBox Energy Premium 325 (NL: 325/460)



Trade mark	Duco
Model reference	DucoBox Energy Premium 325 (NL: 325/460) 0000-4358 / 0000-4359 / 0000-4360 / 0000-4361 / 0000-4362 / 0000-4363 / 0000-4364 / 0000-4365

		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/(m ² .an))	cold	-76,9	-77,8	-79,7	-82,9
	average	-38,7	-39,5	-41,0	-43,6
	warm	-14,3	-15,0	-16,3	-18,5
SEC class	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 (%)	89,0%	89,0%	89,0%	89,0%	
Maximum flow rate in (m ³ /h)	327	327	327	327	
Electric fanpower input at maximum flow rate in (W)	105,8	105,8	105,8	105,8	
Sound power level Lwa at reference flow rate in dB(A)	41	41	41	41	
Reference flow rate in (m ³ /s)	0,06	0,06	0,06	0,06	
Reference pressure difference in (Pa)	50	50	50	50	
SPI en (W/m ³ /h)	0,20	0,20	0,20	0,20	
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 (%)	2,40%	2,40%	2,40%	2,40%	
Declared maximum external leakage rates in (%)	3,45%	3,45%	3,45%	3,45%	
Mixing rate in (%)	Not applicable	Not applicable	Not applicable	Not applicable	
Position and description of visual filter warning	Display	Display	Display	Display	
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 (m ³ /h)	Not applicable	Not applicable	Not applicable	Not applicable	
Annual electricity consumption (AEC) in (kWh electricity/a)	258,1	233,5	188,1	112,4	
Annual heating saved (AHS) in (kWh primary energy/a)	cold	8901	8935	9004	9141
	average	4550	4568	4603	4673
	warm	2057	2065	2081	2113

DucoBox Energy Premium 400 (NL: 400/570)



Trade mark	Duco
Model reference	DucoBox Energy Premium 400 (NL: 400/570) 0000-4366 / 0000-4367 / 0000-4368 / 0000-4369 / 0000-4370 / 0000-4371 / 0000-4372 / 0000-4373

		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/(m ² .an))	cold	-75,4	-76,4	-78,5	-82,1
	average	-37,5	-38,4	-40,1	-43,0
	warm	-13,2	-14,0	-15,5	-18,0
SEC class	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 (%)	88,0%	88,0%	88,0%	88,0%	
Maximum flow rate in (m ³ /h)	405	405	405	405	
Electric fanpower input at maximum flow rate in (W)	160,4	160,4	160,4	160,4	
Sound power level Lwa at reference flow rate in dB(A))	46	46	46	46	
Reference flow rate in (m ³ /s)	0,08	0,08	0,08	0,08	
Reference pressure difference in (Pa)	50	50	50	50	
SPI en (W/m ³ /h)	0,23	0,23	0,23	0,23	
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 (%)	1,90%	1,90%	1,90%	1,90%	
Declared maximum external leakage rates in (%)	2,80%	2,80%	2,80%	2,80%	
Mixing rate in (%)	Not applicable	Not applicable	Not applicable	Not applicable	
Position and description of visual filter warning	Display	Display	Display	Display	
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 (m ³ /h)	Not applicable	Not applicable	Not applicable	Not applicable	
Annual electricity consumption (AEC) in (kWh electricity/a)	293,9	265,8	214,0	127,5	
Annual heating saved (AHS) in (kWh primary energy/a)	cold	8839	8876	8951	9100
	average	4518	4537	4576	4652
	warm	2043	2052	2069	2104