

Product fiche according to EU regulations

Product fiche profi-air 400 touch

manufacturer	FRÄNKISCHE ROHRWERKE Gebr. Kirchner GmbH & Co. KG Hellingerstraße 1, 97481 Königsberg			
model identifier	profi-air 400 touch			
article number	78302740			
additional equipment	none			
specific energy consumption	SEC	cold	-72,74	kWh/(m ² a)
		average	-35,01	
		warm	-10,77	
energy efficiency class	A			
Typology	RVU / BVU			
type of installed drive	VSD			
type of heat recovery	recuperative			
thermal efficiency	η_t	87	%	
maximum flow rate		400	m ³ /h	
electric power input		215	W	
sound power level	L_{WA}	54	dB[A]	
reference flow rate		0,0778 280	m ³ /s m ³ /h	
reference pressure difference		50	Pa	
specific power input	SPI	0,34	W/(m ³ /h)	
control typology	clock control (no DVC)			
control factor	0,95			
maximum internal leakage rate		1,0	%	
maximum external leakage rate		2,3	%	
position and description filter warning	error code "F1" on touch Display			
internet site	www.fraenkische.com			
annual electricity consumption	AEC	cold	9,66	kWh/(m ² a)
		average	4,29	
		warm	3,84	
annual heating saved	AHS	cold	88,17	kWh/(m ² a)
		average	45,07	
		warm	20,38	

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Product fiche profi-air 400 touch with external sensors

manufacturer	FRÄNKISCHE ROHRWERKE Gebr. Kirchner GmbH & Co. KG Hellingerstraße 1, 97481 Königsberg			
model identifier	profi-air 400 touch			
article number	78302740			
additional equipment	min 2 sensors - 78300831 and / or 78300832			
specific energy consumption	SEC	cold	-80,28	kWh/(m ² a)
		average	-41,36	
		warm	-16,44	
energy efficiency class	A+			
Typology	RVU / BVU			
type of installed drive	VSD			
type of heat recovery	recuperative			
thermal efficiency	η_t	87	%	
maximum flow rate		400	m ³ /h	
electric power input		215	W	
sound power level	L_{WA}	54	dB[A]	
reference flow rate		0,0778 280	m ³ /s m ³ /h	
reference pressure difference		50	Pa	
specific power input	SPI	0,34	W/(m ³ /h)	
control typology	local demand control			
control factor	0,65			
maximum internal leakage rate		1,0	%	
maximum external leakage rate		2,3	%	
position and description filter warning	error code "F1" on touch Display			
internet site	www.fraenkische.com			
annual electricity consumption	AEC	cold	7,62	kWh/(m ² a)
		average	2,25	
		warm	1,80	
annual heating saved	AHS	cold	90,60	kWh/(m ² a)
		average	46,31	
		warm	20,94	