

Type	Index number	Status
Centralised MEV and MVHR systems	500330	Normal
Brand	Model name	Model qualifier
FRÄNKISCHE	profi-air 400 touch	
System type	balanced whole-house mechanical ventilation with heat recovery	
Duct type	rigid	
Minimum duct size	125 mm diameter or 204 x 60 rectangular or larger	
Original manufacturer name	FRÄNKISCHE ROHRWERKE	
Current manufacturer name	FRÄNKISCHE ROHRWERKE	
Manufacturer address	Hellinger Straße 1 97486 Königsberg/Bayern Germany	
Manufacturer phone	+49 9525 88-0	
Manufacturer website	www.fraenkische.com	
First year of manufacture	2012	
Final year of manufacture	current	
Summer bypass	unknown	
Integrated to exhaust air heat pump	No	
Entry updated	21/02/2013 08:39	

K+n wet rooms	SFP (W/l/s) [2009]	Efficiency (%) [2009]	SFP (W/l/s) [2012]	Efficiency (%) [2012]
n = 1	0.95	86%	0.88	86%
n = 2	0.85	86%	0.89	86%
n = 3	0.86	86%	0.99	86%
n = 4	0.91	86%	1.13	85%
n = 5	0.97	86%	1.30	85%
n = 6	1.07	85%	1.48	84%
n = 7	1.22	85%	1.66	83%

In-use factors

In-use factors are shown as multiplying factors for SFP or MVHR efficiency

Default In-use Factors

	SFP	SFP	SFP	Efficiency	Efficiency	Last updated
	Flexible duct	Rigid duct	No duct	Uninsulated duct	Insulated duct	
MEV centralised	1.70	1.40				16/12/2011 08:02
MEV decentralised	1.45	1.30	1.15			12/05/2007 09:52
MVHR	1.70	1.40		0.70	0.85	16/12/2011 08:02
Default	2.50	2.50	2.50	0.70	0.70	15/10/2007 12:16

Approved Installation Scheme In-use factors

	SFP	SFP	SFP	Efficiency	Efficiency	Last updated
	Flexible duct	Rigid duct	No duct	Uninsulated duct	Insulated duct	
MEV centralised	1.60	1.30				16/12/2011 08:02
MEV decentralised	1.45	1.30	1.15			12/05/2007 09:52
MVHR	1.60	1.25		0.70	0.85	16/12/2011 08:02
Default	2.50	2.50	2.50	0.70	0.70	15/10/2007 12:16