

TECHNICAL DATA

INDOOR UNITS SERIES 3FS



Silent series

MODEL		3FS 11	3FS 15	3FS 20	3FS 25	3FS 32	3FS 40	3FS 50	3FS 60		
Capacity heating & cooling		1,1	1,5	2,0	2,5	3,2	4,0	5,0	5,8	kW	
AIR											
Lowest speed	ECO	90	120	160	100	125	115	135	160	m3/h	
Low speed	LOW	90	120	160	200	250	340	400	480	m3/h	
Nominal & high speed	HIGH	220	310	400	500	630	830	1000	1180	m3/h	
Boost peak	BOOST	270	370	460	600	760	960	1200	1330	m3/h	
SIZE											
Length	595									mm	
Height	216									mm	
Width	634	783	933	1233	1383	1533	1683	1683		mm	
Fixing width	505	655	805	1105	1255	1405	1555	1555		mm	
FILTER											
Class	M5 / EU5									EN 779	
Depth x Height	60 x 178									mm	
Filter width	475	625	775	1075	1225	1375	1525	1525		mm	
FAN											
Scrolls / motors	1		2			3				#	
Type	EC brushless inverter centrifugal direct driven - auto adjustment to any ext. pressure										
Nom external pressure	50										Pa
Max external pressure	100										Pa
Motor rating	0,095										kW
WATER											
dT	8	8	8	8	8	9	9	9		K	
Valves preset	83	115	81	95	80	90	105	120		%	
Valves type	DN10LF		DN15LF			DN15				Danfoss	
Waterflow max.	0,035	0,048	0,062	0,073	0,100	0,113	0,132	0,150		l/s	
COIL											
Tube diameter	7						3/8"			mm	
Water dP max	12	9	15	12	13	17	10	12		kPa	
Air dP nom	15	15	16	13	15	19	32	33		Pa	
Coil rows	4										#
Max pressure	10										bar
External connections	3 x 15mm O.D.										Cu
Condensate O.D.	1/2" BSP O.D.										ANSI 304
SOUND											
Lw power ducted	LOW	28	30	33	27	31	31	34	37	dB(A)	
casing free radiated	HIGH	43	46	47	46	50	48	50	51	dB(A)	
Lp pressure ducted @	ECO	14	19	16	11	14	15	18	20	dB(A)	
1m radiated ducted	LOW	14	19	16	13	16	19	22	25	dB(A)	
	HIGH	29	32	33	33	35	35	37	38	dB(A)	
ELECTRICAL											
Eco mode	5	6	5	4	5	5	6	7		W	
Min speed	5	6	5	8	9	15	17	22		W	
Nom @ 50 Pa	28	33	38	46	56	82	110	146		W	
Max @ 100 Pa	46	58	66	81	89	138	190	235		W	
Supply	230 - 1f - 50Hz										V
WEIGHT											
	23	27	31	37	42	48	54	54		kg	
OPTIONS											
SUPPLY / RETURN PLENUM(S)											
Spigots	3PL11	3PL15	3PL20	3PL25	3PL32	3PL40	3PL50	3PL50	3PL50	#	
Diameter	1	2	2	3	4	4	5	5		mm	
Air/spigot/grille	198									m3/h	
	220	155	200	167	158	208	200	236			

