

Iron Removers AF-IR-40-110 Series with Birm® Media and Performa Valve



Part Number		AF-IR-40	AF-IR-60	AF-IR-70	AF-IR-110
COLUMN	TYPE [inch]	10x54	12x48	12x52	14x65
	CAPACITY [dm³]	40	60	70	110
ION EXCHANGE CAPACITY	MAX [val]	60	90	105	160
	MIN [val]	40	60	70	110
VOL. OF WATER IN ONE CYCLE¹	MAX [m³]	30	45	52	80
	MIN [m³]	20	30	35	52
FLOW²	NOMINAL³ [m³/h]	0,7	1,0	1,2	1,4
	NOMINAL⁴ [m³/h]	1,0	1,3	1,5	1,7
	MAX [m³/h]	1,2	1,5	1,8	2,0
PRESSURE DROP³ [PSI]		6/10	8/12	8/14	8/14
WORK PRESSURE [bar]		1,8-8	1,8-8	1,8-8	1,8-8
ELECTRIC CONNECTION⁴ [V]		220/12	220/12	220/12	220/12
WATER CONNECTIONS [inch]		3/4-1	3/4-1	3/4-1	3/4-1
DIMENSIONS:	HEIGHT [m]	1,55	1,40	1,50	1,90
	WIDTH [m]	0,27	0,30	0,30	0,37

* We reserve the right to modify specifications

Iron removers with Birm® media and capacity up to 2 m³/h. Supply water aeration with built-in air injector is required. Available with residential Autotrol® valve with 940 time-control.

¹for water with 2 mg/dm³ of iron, backwash every 3-4 days
²for heating system consider nominal flow rate
³for min/max value depending on water quality and intake pressure
⁴or 220/24V
⁵constant flow
⁶cycle flow

Units:
inch=2,54 cm
GPM = 3,785 dm³/min
15PSI = 1 atm

Iron Removers AF-IR-130-720 Series with Birm® Media and Magnum Valve

Part Number		AF-IR-130	AF-IR-190	AF-IR-220	AF-IR-320	AF-IR-510	AF-IR-720
COLUMN	TYPE [inch]	16 x 62	18 x 62	21 x 65	24 x 65	30 x 68	36 x 68
	CAPACITY [dm³]	130	190	220	320	510	720
ION EXCHANGE CAPACITY	MAX [val]	190	280	320	450	760	1100
	MIN [val]	130	190	220	320	510	720
VOL. OF WATER IN ONE CYCLE¹	MAX [m³]	85	140	160	225	380	550
	MIN [m³]	65	95	110	160	250	360
FLOW²	NOMINAL³ [m³/h]	2,0	2,7	4,0	5,1	8,0	12,0
	NOMINAL⁴ [m³/h]	2,5	3,2	4,3	5,7	8,8	12,7
	MAX [m³/h]	3,0	3,8	5,1	7,5	11,2	15,8
PRESSURE DROP³ [PSI]		6/10	8/12	8/14	8/14	8/12	8/14
WORK PRESSURE [bar]		1,8 - 8	1,8 - 8	1,8 - 8	1,8 - 8	1,8 - 8	1,8 - 8
ELECTRIC CONNECTION⁴ [V]		220/12	220/12	220/12	220/12	220/12	220/12
WATER CONNECTIONS [inch]		1 1/2 - 2	1 1/2 - 2	1 1/2 - 2	1 1/2 - 2	1 1/2 - 2	1 1/2 - 2
DIMENSIONS:	HEIGHT [m]	1,83	1,83	1,90	1,90	2,20	2,20
	WIDTH [m]	0,44	0,49	0,54	0,61	0,76	0,92

* We reserve the right to modify specifications

¹for water with 2 mg/dm³ of iron, backwash every 3-4 days

²for heating system consider nominal flow rate

³for min/max value depending on water quality and intake pressure

⁴or 220/24V

⁵constant flow

⁶cycle flow

Units:

inch=2,54 cm

GPM = 3,785 dm³/min

15PSI = 1 atm



Iron removers with Birm® media and capacity up to 12 m³/h. Supply water aeration with built-in air injector or compressed air aerator is required. Available with industrial Autotrol® valve with 942 time-control.