

afilia water C-B-r R513A-VSD

Type	Heating output	COP	Power consumption	Source in/out	Depression in/out
C-80-B-r-6-L	104kW	2.72	37kW	10/5	60/80
C-80-B-r-6-2S	154kW	2.76	54kW	10/5	60/80
C-80-B-r-6-2L	207kW	2.69	75kW	10/5	60/80
C-80hts-B-r-6-L	192kW	3.78	49kW	30/25	60/80
C-80hts-B-r-6-2S	296kW	3.79	76kW	30/25	60/80
C-80hts-B-r-6-2L	380kW	3.75	99kW	30/25	60/80

GWP F-Gas-VO₅: 629

afilia water C-B-r R1234ze -VSD

Type	Heating output	COP	Power consumption	Source in/out	Depression in/out
C-90-B-r-6-L	61.6kW	2.4	25.6kW	10/5	70/90
C-90-B-r-6-2S	94.8kW	2.54	37.2kW	10/5	70/90
C-90-B-r-6-2L	124kW	2.39	51.7kW	10/5	70/90
C-90hts-B-r-6-L	199kW	3.92	50.8kW	45/40	70/90
C-90hts-B-r-6-2S	304kW	3.95	76.9kW	45/40	70/90
C-90hts-B-r-6-2L	388kW	3.88	100kW	45/40	70/90

GWP F-Gas-VO₅: 1.37

afilia water C-E-sc WHK-R1234ze

Type	Heating output	COP	Power consumption	Source in/out	Depression in/out
C-80-E-sc-151-WHKR1234ze	150kW	2.82	53.1kW	30/25	70/80
C-80-E-sc-201-WHKR1234ze	194.1kW	2.83	68.5kW	30/25	70/80
C-80-E-sc-251-WHKR1234ze	244kW	2.82	87.1kW	30/25	70/80
C-80-E-sc-301-WHKR1234ze	312kW	2.71	115.1kW	30/25	70/80
C-80-E-sc-401-WHKR1234ze	381kW	2.72	140.1kW	30/25	70/80
C-80-E-sc-501-WHKR1234ze	500kW	2.75	181.5kW	30/25	70/80
C-80-E-sc-601-WHKR1234ze	587kW	2.87	204.2kW	30/25	70/80
C-80-E-sc-702-WHKR1234ze	710kW	2.43	292.3kW	30/25	70/80
C-80-E-sc-802-WHKR1234ze	790kW	2.63	300kW	30/25	70/80
C-80-E-sc-902-WHKR1234ze	902kW	2.72	332.2kW	30/25	70/80
C-80-E-sc-1002-WHKR1234ze	1,006kW	2.63	382.2kW	30/25	70/80

GWP F-Gas-VO₅: 1.37

Heating capacity and power input according to (EN14511)

afilia water C-S-r R717-VSD

Type	Heating output	COP	Power consumption	Source in/out	Depression in/out
C-90-S-r-16	1,319kW	4.42	315kW	40/35	65/90
C-90-S-r-12	1,045kW	4.42	237kW	40/35	65/90
C-90-S-r-08	697kW	4.42	158kW	40/35	65/90
C-70-S-r-16	2,230kW	5.27	423kW	30/25	50/70
C-70-S-r-12	1,673kW	5.27	317kW	30/25	50/70
C-70-S-r-08	1,114kW	5.28	211kW	30/25	50/70
C-50-S-r-16L	1,573kW	4.72	334kW	10/5	35/50
C-50-S-r-12L	1,180kW	4.73	250kW	10/5	35/50
C-50-S-r-08L	787kW	4.72	167kW	10/5	35/50

GWP F-Gas-VO₅: 0

afilia water C-G-r R717-VSD

Type	Heating output	COP	Power consumption	Source in/out	Depression in/out
C-95-G-r-950	3,192kW	4.96	644kW	48/43	65/95
C-95-G-r-950	2,450kW	4.46	549kW	40/30	70/90
C-95-G-r-750	2,554kW	4.96	515kW	48/43	65/95
C-95-G-r-750	2,016kW	4.59	439kW	40/35	70/90
C-95-G-r-550	1,913kW	4.96	386kW	48/43	65/95
C-95-G-r-550	1,510kW	4.53	333kW	40/35	70/90

GWP F-Gas-VO₅: 0

afilia air M-sl-AEK-R290

2-pipe heat pump
Heating or cooling optimized for thermal efficiency

Type	Heating output	COP	Power consumption	Water temperature in/out
AEK-R290-1	89kW	3.98	22kW	30/35
AEK-R290-2	178kW	3.95	45kW	30/35
AEK-R290-3	266kW	3.98	67kW	30/35
AEK-R290-4	355kW	3.98	89kW	30/35
AEK-R290-5	444kW	3.98	112kW	30/35
AEK-R290-6	533kW	3.98	134kW	30/35
AEK-R290-7	622kW	3.98	156kW	30/35
AEK-R290-8	710kW	3.98	178kW	30/35
AEK-R290-9	799kW	3.98	201kW	30/35
AEK-R290-10	888kW	3.98	223kW	30/35

GWP F-Gas-VO₅: 3

afilia air M-sl-AEW-R290

2-pipe heat pump
Heating or cooling optimized for cooling efficiency

Type	Heating output	COP	Power consumption	Water temperature in/out
AEW-R290-1	88kW	3.92	23kW	30/35
AEW-R290-1	176kW	3.92	45kW	30/35
AEW-R290-1	265kW	3.92	68kW	30/35
AEW-R290-1	353kW	3.92	90kW	30/35
AEW-R290-1	441kW	3.92	113kW	30/35
AEW-R290-1	529kW	3.92	135kW	30/35
AEW-R290-1	617kW	3.92	158kW	30/35
AEW-R290-1	706kW	3.92	180kW	30/35
AEW-R290-1	794kW	3.92	203kW	30/35
AEW-R290-1	882kW	3.92	225kW	30/35

GWP F-Gas-VO₅: 3

afilia air M-sl-PEK-R290

4-pipe heat pump
Simultaneous heating and cooling possible

Typ	Heating output	COP	Power consumption	Water temperature in/out
PEK-R290-1	87kW	3.88	22kW	30/35
PEK-R290-1	173kW	3.88	45kW	30/35
PEK-R290-1	260kW	3.88	67kW	30/35
PEK-R290-1	346kW	3.88	89kW	30/35
PEK-R290-1	433kW	3.88	112kW	30/35
PEK-R290-1	520kW	3.88	134kW	30/35
PEK-R290-1	606kW	3.88	156kW	30/35
PEK-R290-1	693kW	3.88	178kW	30/35
PEK-R290-1	779kW	3.88	201kW	30/35
PEK-R290-1	866kW	3.88	223kW	30/35

Medium: Water temperature in/out: 30/35°C - outside air temperature 7°C
Heating capacity and power input according to (EN14511)

GWP F-Gas-VO₅: 3

afilia air C-sl P4U-R454B

4-pipe heat pump
Simultaneous heating and cooling possible

Typ	Heating output	COP	Power consumption	Water temperature in/out
1352-HE/XL/RV-P4U-R454B	133kW	4.46	29.8kW	30/35
1502-HE/XL/RV-P4U-R454B	148kW	4.3	34.4kW	30/35
1612-HE/XL/RV-P4U-R454B	157kW	4.3	36.5kW	30/35
1792-HE/XL/RV-P4U-R454B	174kW	4.24	41kW	30/35
2012-HE/XL/RV-P4U-R454B	195kW	4.29	45.5kW	30/35
2304-HE/XL/RV-P4U-R454B	217kW	4.25	51.1kW	30/35
2312-HE/XL/RV-P4U-R454B	221kW	4.31	51.3kW	30/35
2654-HE/XL/RV-P4U-R454B	261kW	4.34	60.2kW	30/35
2954-HE/XL/RV-P4U-R454B	288kW	4.14	69.2kW	30/35
3214-HE/XL/RV-P4U-R454B	305kW	4.09	74.5kW	30/35
3514-HE/XL/RV-P4U-R454B	338kW	3.95	85.6kW	30/35
3954-HE/XL/RV-P4U-R454B	384kW	4.1	93.7kW	30/35
4454-HE/XL/RV-P4U-R454B	416kW	3.96	105kW	30/35

GWP F-Gas-VO₅: 465

afilia air C-sl P2U-R454B

2-pipe heat pump
Heating or cooling optimized for heating efficiency

Typ	Heating output	COP	Power consumption	Water temperature in/out
1352-HE/XL/RV-P2U-R454B	132kW	4.23	31.2kW	30/35
1502-HE/XL/RV-P2U-R454B	147kW	4.05	34.3kW	30/35
1612-HE/XL/RV-P2U-R454B	156kW	4.08	38.2kW	30/35
1792-HE/XL/RV-P2U-R454B	173kW	4.03	42.9kW	30/35
2012-HE/XL/RV-P2U-R454B	195kW	4.05	48.2kW	30/35
2304-HE/XL/RV-P2U-R454B	216kW	4.08	53kW	30/35
2312-HE/XL/RV-P2U-R454B	221kW	4.12	53.6kW	30/35
2654-HE/XL/RV-P2U-R454B	259kW	4.14	59.2kW	30/35
2954-HE/XL/RV-P2U-R454B	287kW	3.92	73.2kW	30/35
3214-HE/XL/RV-P2U-R454B	304kW	3.94	72.8kW	30/35
3514-HE/XL/RV-P2U-R454B	337kW	3.83	88.1kW	30/35
3954-HE/XL/RV-P2U-R454B	382kW	3.92	97.4kW	30/35
4454-HE/XL/RV-P2U-R454B	415kW	3.84	108kW	30/35

GWP F-Gas-VO₅: 465