

ENR Series

Air cooled water chillers with scroll compressors and axial fans

Features

- Compressor: Scroll
- Coolant: R410A
- Self-cleaning coaxial evaporator (models 002-100)
- Shell & tube evaporator (models 130-480)
- Condenser - copper tubes, aluminium fins
- Axial fans
- Free cooling version available



ENR Series		002	003	004	005	008	010	012	016	018	022	030	038	045	055
Cooling capacity	kW	2.2	3.4	4.6	5.3	7.9	10.2	12.2	15.8	18.0	22.5	31.7	39.0	45.0	52.0
Absorbed power	kW	0.8	1.3	1.7	1.7	2.6	3.4	3.9	5.2	5.8	6.7	8.9	11.5	12.9	17.0
Compressors	no.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Circuits	no.	1	1	1	1	1	1	1	1	1	1	1	1	1	1
COP	W/W	2.7	2.6	2.7	3.12	3.04	3.00	3.13	3.04	3.10	3.36	3.56	3.39	3.49	3.06
Hydraulic connections	DN/ BSP	½"	½"	½"	¾"	1"	1"	1"	1"	1"	1"	1½"	1½"	1½"	1½"
Max absorbed current (F.L.A.)	A	8.7	10.0	10.4	12.5	10.1	10.5	14.0	14.6	18.8	19.8	26.3	31.9	37.8	47.8
Sound pressure	dB(A)	51.0	51.0	51.0	51.0	51.0	51.0	52.0	52.0	52.0	52.5	52.3	53.0	54.8	55.5
Length	mm	600	600	600	600	820	820	820	820	1010	1010	1610	1610	1610	1610
Width	mm	655	655	655	655	615	615	615	615	720	720	860	860	860	860
Height	mm	1035	1035	1035	1035	1360	1360	1360	1360	1580	1580	1540	1540	1540	1540
Empty weight	kg	85	85	90	102	175	180	185	190	230	260	390	400	430	450
Operating weight	kg	125	125	130	145	225	230	235	240	360	390	690	700	730	750

ENR Series		061	070	075	090	100	130	160	185	230	280	340	370	430	480
Cooling capacity	kW	61.0	66.0	78.0	90.0	100.0	127.0	156.0	184.0	227.0	277.0	340.0	370.0	430.0	480.0
Absorbed power	kW	17.8	20.5	23.0	25.9	30.7	35.7	46.0	51.8	70.1	77.6	96.0	106.9	127.8	149.5
Compressors	no.	2	2	2	2	2	4	4	4	4	4	4	6	6	6
Circuits	no.	1	1	1	1	1	2	2	2	2	2	2	2	2	2
COP	W/W	3.43	3.22	3.39	3.47	3.26	3.56	3.39	3.55	3.24	3.57	3.54	3.46	3.36	3.21
Hydraulic connections	DN/ BSP	2"	2"	2"	2"	2"	65	65	65	125	125	125	150	150	200
Max absorbed current (F.L.A.)	A	51.8	59.9	65.2	75.5	84.4	100.0	125.1	145.3	190.3	232.2	279.8	299.3	337.7	388.9
Sound pressure	dB(A)	55.1	56.2	57.1	57.9	59.5	56.4	59.3	59.7	62.2	62.6	64.9	65.5	66.5	67.1
Length	mm	2220	2220	2220	2220	2220	3355	3355	3355	5350	5350	5350	6350	6350	6350
Width	mm	1100	1100	1100	1100	1100	1105	1105	1105	1105	1105	1105	1105	1105	1105
Height	mm	2100	2100	2100	2100	2100	2180	2180	2180	2180	2180	2180	2180	2180	2180
Empty weight	kg	810	820	830	855	930	1550	1590	1650	2210	2270	2730	3065	3215	3365
Operating weight	kg	1240	1250	1260	1285	1360	2250	2290	2350	3060	3120	3570	3915	4065	4215

Inlet/outlet water temperature +12/7°C - Condenser air temperature +35°C; fouling factor 0.000043 m²K/W
Sound pressure level according to ISO3744, pressure level at a distance of 10m, free field on reflecting surface