



Cool smart
produce better

Novatech Air Cooled Chillers are advanced cooling systems designed for a variety of applications, providing efficient temperature control for commercial and industrial environments.

Known for their reliability and energy efficiency, these chillers utilize air as a cooling medium, making them suitable for locations where water cooling is not feasible.

Key features of Novatech Air Cooled Chillers include:

Energy Efficiency: Engineered to minimize energy consumption, these chillers often meet or exceed industry standards for efficiency, helping businesses reduce operating costs.

Versatile Applications: Ideal for a range of settings, including manufacturing, HVAC, and process cooling, Novatech chillers can be tailored to meet specific cooling requirements.

Robust Design: Built to withstand harsh operating conditions, Novatech chillers are constructed with high-quality materials that ensure longevity and reduced maintenance needs.

User-Friendly Controls: Many models come equipped with advanced control systems that allow for easy monitoring and adjustment of cooling parameters, enhancing user experience and operational efficiency.

Environmentally Friendly Options: Novatech is committed to sustainability, offering chillers that use eco-friendly refrigerants and technologies to minimize environmental impact.



Air-Cooled Chiller Specifications with R-410A

MODEL	2	3	7	11	23	29	35
Cooling Capacity	2,3 kW	3,5 kW	7 kW	11,5 kW	23 kW	29 kW	35 kW
Compressor Power Input	0,5 kW	0,87 kW	1,66 kW	2,87 kW	5,6 kW	7,25 kW	8,75 kW
EER (Energy Efficiency Ratio)	4.0	4.0	4.2	4.01	4.02	4.01	4.02
Refrigerant Type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Compressor quantity	1	1	1	1	1	1	1
MODEL	46	60	75	93	116	120	140
Cooling Capacity	46,5 kW	58 Kw	75 kW	93 kW	116 kW	120 kW	140 kW
Compressor Power Input	11,62kW	14,1 kW	18,7 kW	23,8 kW	28,29 kW	28,57 kW	33,3 kW
EER (Energy Efficiency Ratio)	4.0	4.1	4.1	4.2	4.0	4.1	4.2
Refrigerant Type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Compressor quantity	1	1	1	2	2	2	2
MODEL	186	200	244	283	325	366	410
Cooling Capacity	186 kW	200 kW	244k W	283 kW	325 kW	366 kW	410 kW
Compressor Power Input	46.5 kW	50 kW	58,09 kW	69 kW	79,2 kW	91,5 kW	102,5 kW
EER (Energy Efficiency Ratio)	4.0	4.0	4.2	4.1	4.1	4.1	4.0
Refrigerant Type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Compressor quantity	2	2	4	4	4	4	4
MODEL	450	500	560	630	700	800	900
Cooling Capacity	450 kW	490 kW	560 kW	630 kW	700 kW	800 kW	872 kW
Compressor Power Input	107,1 kW	122,5 kW	140 kW	153,65 kW	175 kW	195,12 kW	218 kW
EER (Energy Efficiency Ratio)	4.2	4.0	4.0	4.1	4.1	4.0	4.1
Refrigerant Type	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Noise Level	75 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)	75 dB(A)
Compressor quantity	4	4	6	6	6	6	6



Air-Cooled Chiller Specifications with R-454B

MODEL	25	30	35	45	55	75	90
Cooling Capacity	25 kW	30 kW	35 kW	45kW	54 Kw	75 kW	90 kW
Compressor Power Input	6,17 kW	7,10 kW	8,02 kW	10,37kW	13,57 kW	17,16 kW	21,74 kW
EER (Energy Efficiency Ratio)	4.05	4.22	4.36	Nis.33	3,97	4.37	4.13
Refrigerant Type	R-454B	R-454B	R-454B	R-454B	R-454B	R-454B	R-454B
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Compressor quantity	1	1	1	1	1	1	2
MODEL	110	135	180	215	225	290	300
Cooling Capacity	108 kW	135 kW	180 kW	216 kW	224 kW	288 kW	300 kW
Compressor Power Input	27,1 kW	31 kW	43,1 kW	54 kW	52,5 kW	68 kW	69 kW
EER (Energy Efficiency Ratio)	3,98	4.35	4.17	4.0	4.26	4.23	4.34
Refrigerant Type	R-454B	R-454B	R-454B	R-454B	R-454B	R-454B	R-454B
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Compressor quantity	2	2	2	2	4	4	4
MODEL	360	400	430	500	575	600	700
Cooling Capacity	360 kW	406 kW	432 kW	504 kW	576 kW	600 kW	720 kW
Compressor Power Input	85,2 kW	97,4 kW	108 kW	120,5 kW	136 kW	138 kW	170 kW
EER (Energy Efficiency Ratio)	4.22	4.16	4.	4.18	4.23	4.34	4.23
Refrigerant Type	R-454B	R-454B	R-454B	R-454B	R-454B	R-454B	R-454B
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Compressor quantity	4	4	4	4	6	6	6
MODEL	760	800					
Cooling Capacity	762 kW	812 kW					
Compressor Power Input	182,6 kW	194,8 kW					
EER (Energy Efficiency Ratio)	4.17	4.16					
Refrigerant Type	R-454B	R-454B					
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C					
Compressor quantity	6	6					

Air-Cooled Chiller Specifications with R-32

MODEL	26	30	35	45	55	75	90
Cooling Capacity	26 kW	29 kW	34,76 kW	44 kW	56 Kw	77 kW	88 kW
Compressor Power Input	6,57 kW	6,98 kW	8,18 kW	10,37kW	13,42 kW	17,96 kW	21,34 kW
EER (Energy Efficiency Ratio)	3,95	4.15	4.24	4.24	4.17	4.28	4.12
Refrigerant Type	R-32	R-32	R-32	R-32	R-32	R-32	R-32
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Compressor quantity	1	1	1	1	1	1	2
MODEL	115	135	200	225	240	260	330
Cooling Capacity	112 kW	132 kW	196 kW	224 kW	242k W	266 kW	330kW
Compressor Power Input	26,5 kW	31 kW	44,2 kW	53,6 kW	56 kW	57 kW	77kW
EER (Energy Efficiency Ratio)	4.22	4.25	4.43	4.17	4.32	4.66	4.28
Refrigerant Type	R-32	R-32	R-32	R-32	R-32	R-32	R-32
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Compressor quantity	2	3	2	2	4	4	4
MODEL	350	400	450	500	540	660	700
Cooling Capacity	352 kW	400 kW	448 kW	484 kW	532 kW	660 kW	704 kW
Compressor Power Input	85 kW	95 kW	107,2 kW	112 kW	114 kW	154 kW	170 kW
EER (Energy Efficiency Ratio)	4.14	4.21	4.18	4.32	4.66	4.22	4.14
Refrigerant Type	R-32	R-32	R-32	R-32	R-32	R-32	R-32
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C	-5°C to 47°C
Compressor quantity	4	4	4	4	6	6	6
MODEL	800	900					
Cooling Capacity	800 kW	896 kW					
Compressor Power Input	191 kW	205 kW					
EER (Energy Efficiency Ratio)	4.18	4.37					
Refrigerant Type	R-32	R-32					
Operating Temperature Range	-5°C to 47°C	-5°C to 47°C					
Compressor quantity	6	6					

*Referred to +15 °C water outlet and 35 °C ambient temperature

*ITECH reserves the right to change specification without notice