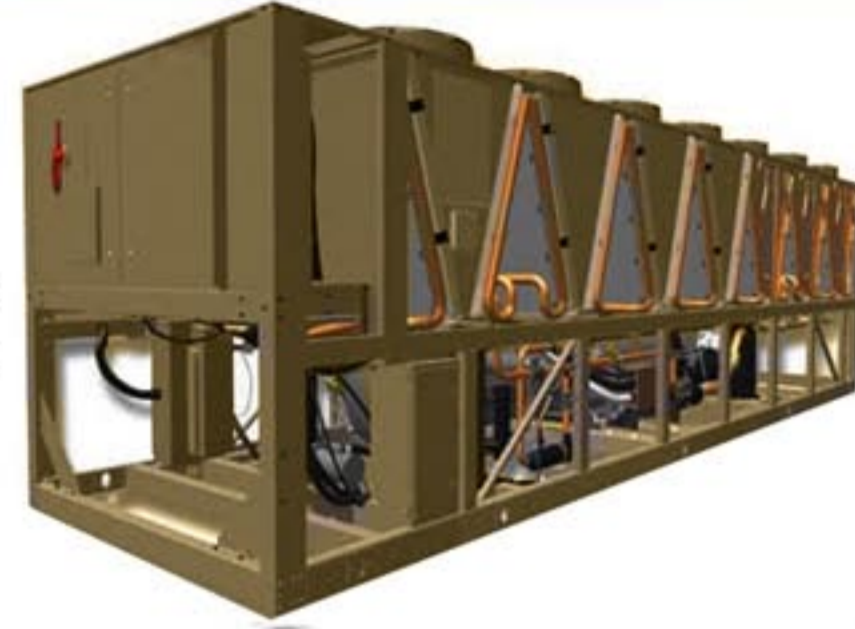


## NVCH Cooling Group (Chiller)

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Cooling groups cool the water coming into the evaporator, so the usage of this cold water can be changed according to the application. Cooling groups comfortably keep the indoor cold through fan coils or air handling units. Today, many buildings such as shopping malls, hospitals, high business centers are cooled by chiller groups. In industrial applications, cooling groups are used in machine equipment cooling, cooling of a chemical reaction as in coating plants, cooling of plastic injection molds and many processes. Cold water (which are provided by the air or water source cooling group) is needed in many sectors such as energy, paper, food, chemistry, plastic, iron and steel.



MODEL	NVCH 08 V	NVCH 10 V	NVCH 12 V	NVCH 14 V	NVCH 20 W	NVCH 30 V	NVCH 34 V
Cooling Capacity (kW)	30	36	42	48	72	105	120
Total Power (kW)	10	11.5	13	15	23	29	33
Charging Gas	R-407 C						
Compressors Count	1	1	1	2	2	2	2
Compressors Power (hp)	10	12	14	16	24	35	40
Circle count	1	1	1	1	2	1	1
Evaporator Type	Plate Evaporator						
Evaporator water flow (m3/h)	6	8	9	10	17	20	27
Evaporator pressure loss (kPa)	12	18	18	21	21	24	45
Condenser type	Copper Tube Aluminum						
Outlet fan air flow (m3/h)	12000	16500	22000	26000	33000	40000	59000
Outlet fan type	Axial						
Outlet fan Diameter (mm)	630	630	630	630	630	710	710
Outlet fan Count	2	2	2	2	4	2	2
Sound level (dBA)	78	78	78	78	80	83	86

MODEL	NVCH 60 W	NVCH 68 W	NVCH 90 WW	NVCH 100 WW	NVCH 120 WW	NVCH 135 WW
Cooling Capacity (kW)	210	240	315	360	420	480
Total Power (kW)	57	65	86	97	115	130
Charging Gas	R-407 C					
Compressors Count	4	4	6	6	8	8
Compressors Power (hp)	70	80	105	120	140	160
Circle count	2	2	3	3	4	4
Evaporator Type	Plate Evaporator					
Evaporator water flow (m3/h)	35	45	51	58	61	85
Evaporator pressure loss (kPa)	55	43	45	43	45	40
Condenser type	Copper Tube Aluminum					
Outlet fan air flow (m3/h)	78600	96000	118000	142000	158000	200000
Outlet fan type	Axial					
Outlet fan Diameter (mm)	710	710	710	710	710	710
Outlet fan Count	4	4	6	6	8	8
Sound level (dBA)	90	96	97	101	103	103