

YNWS/RS

Water-cooled or remote air-cooled screw compressor chiller

Cooling capacities from 470 kW to 1790 kW

Available configurations that meet A Class energy efficiency levels at Eurovent Standard Conditions.



Features

- The **YNWS** chiller is designed for all air conditioning applications.
- Both the water cooled **YNWS** and the remote air cooled **YNRS** models are designed for chilled water and process applications.
- Both models are designed for indoor mechanical room installation.
- The **YNRS** requires a cooling tower or an air-water condensing unit for heat dissipation.
- The screw compressor driven **YNWS/RS** chiller is completely factory mounted, including: direct expansion (DX) evaporator, condenser, subcooler, oil separator, compressor, motor, lubrication system, control panel, as well as all interconnecting piping and wiring.
- R717 Refrigerant

Nominal capacity and technical data

YNWS Model	DC FC S0	DC GC S0	EC FC S0	EC GC S0	DC FC S1	DC GC S1	EC FC S1	EC GC S1	EC GC S2	EC HC S2	EC JC S2
Cooling Capacity (kW)	482	485	511	515	575	579	631	636	809	814	848
Length /Width / Height (m)	3.7/1.4/1.9	3.7/1.4/1.9	3.7/1.4/1.9	3.7/1.4/1.9	3.7/1.4/1.9	3.7/1.4/1.9	3.7/1.4/1.9	3.7/1.4/1.9	3.7/1.4/1.9	3.7/1.4/1.9	3.7/1.4/1.9
Operating weight (kg)	4114	4114	4114	4974	4150	4540	4540	5010	5449	5449	5449
YNWS Model	FC JC S2	EC HC S3	EC JC S3	EC KC S3	FC HC S3	FC JC S3	FC KC S3	FC KC S4	FC LC S4	FC MC S4	FC NC S4
Cooling Capacity (kW)	856	1012	1015	1019	1084	1088	1093	1347	1352	1354	1395
Length /Width / Height (m)	3.7/1.451.9	3.7/1.4/2.0	3.7/1.4/2.0	3.7/1.4/2.0	3.7/1.4/2.0	3.7/1.4/2.0	3.8/1.5/2.3	3.9/1.6/2.3	3.9/1.6/2.3	3.9/1.6/2.3	3.9/1.6/2.3
Operating weight (kg)	6669	6010	6010	6010	6010	6010	7335	8412	8412	8412	8412
YNWS Model	GC KC S4	GC LC S4	GC MC S4	GC NC S4	FC LC S5	FC MC S5	FC NC S5	GC LC S5	GC MC S5	GC NC S5	
Cooling Capacity (kW)	1475	1481	1484	1488	1623	1625	1630	1780	1784	1790	
Length /Width / Height (m)	3.9/1.6/2.3	3.9/1.6/2.3	3.9/1.6/2.3	3.9/1.8/2.5	3.9/1.7/2.3	3.9/1.7/2.3	3.9/1.7/2.3	3.9/1.7/2.3	3.9/1.7/2.3	3.9/1.8/2.5	
Operating weight (kg)	8412	8412	8412	10142	9635	9635	10950	10950	10950	10950	

At 6°C leaving chilled water and 32°C leaving condenser water.

YNWH

Water-cooled screw chiller

Cooling capacities from 300 kW to 1200 kW

Available configurations that meet A Class energy efficiency levels at Eurovent Standard Conditions.



Features

- The **YNWH** chiller is ideally suited for air conditioning, brine, and industrial applications.
- The water cooled **YNWH** is designed for brine based applications.
- This chiller is designed for indoor mechanical room installation.
- The **YNWH** requires a cooling tower or an air-water condensing unit for heat dissipation.
- The screw compressor driven **YNWH** chiller is completely factory mounted, including: direct expansion (DX) evaporator, condenser, subcooler, oil separator, compressor, motor, lubrication system, control panel, as well as all interconnecting piping and wiring.
- R507 refrigerant

Nominal capacity and technical data

YNWH Model	16 12 S0	16 12 S1	20 20 S2	20 20 S3	28 24 S4	28 24 S5
Cooling Capacity (kW)	315	380	533	683	962	1169
Length /Width / Height (m)	3.7/1.5/1.7	3.7/1.5/1.7	3.9/1.6/2.0	3.9/1.6/2.0	4.3/2.0/2.3	4.4/2.0/2.3
Operating weight (kg)	3700	3900	6000	6300	9000	9800

Cooling capacity at -2°/-6°C brine application and 32°C condenser leaving water temperature



Manufacturer reserves the rights to change specifications without prior notice.

