

Since 2002

 **YOUILCOLD**

Product Catalog

Industrial Chiller

Water chiller • Oil cooler • Sea water chiller
• Special chiller



Thank you for your interest in our company..YOUILCOLD is a company that constantly pursues new innovations.

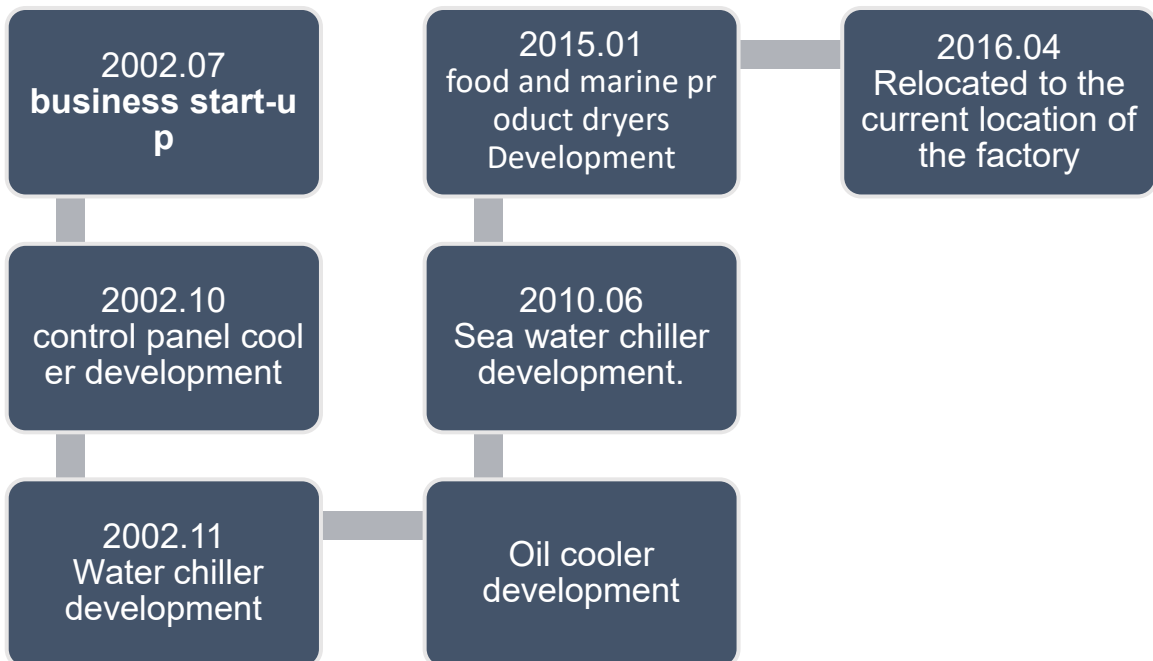
We are in a rapidly developing high-tech era. Since opening in July 2002, our company has been developing and manufacturing water chillers, oil coolers, and seawater chillers for various industries (semiconductor, battery, steel, research facilities, aquaculture, etc.).

And we are trying to develop the best products and provide the best service based on various experiences and know-how on refrigeration systems accumulated since our opening.

We will do our best to become a first-class company that creates new things through continuous technological development and thorough follow-up management.

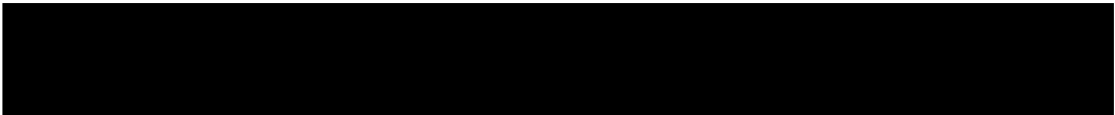
Thank you.

President



Index

Water chillers - YDW Series -----	2
Water chillers - YW Series -----	3
Water cooling chillers - YWW series -----	4
Separated chillers - YWB series -----	5
Oil Coolers - YO Series -----	6
Tank type oil cooling units -----	8
Immerged type oil Coolers – YOD series -----	9
Water Temp Control unit – THW series -----	10
OIL Temp Control unit – THO series -----	11
Sea water chillers -----	12
Special chillers -----	13

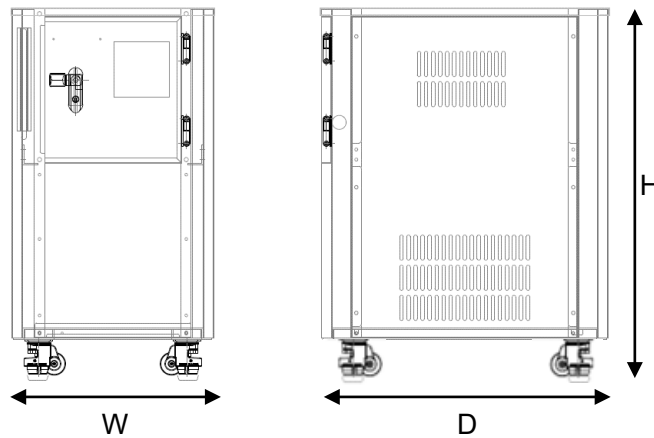


Water chiller units



YDW series

- Minimizes noise with low-noise design structure
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Convenient movement and easy installation
- Easy cleaning in case of contamination by adopting a dust filter
- Water level alarm function to prevent malfunction of pumps and machine tools
- RS-485 communication
- Used refrigerant: R-22, R-407C and requested refrigerant
- YDW-000B : Non-embedded water tank



Model	Capacity [Kcal/h]	Power supply	Power consumption [kW]	Compressor [kW]	Fan motor [kW]	Water tank [ℓ]	Pump flow rate [ℓ/min]	Dimension [mm] (W x D x H)	In/out Socket
YDW-050BT	1,300	220 V 1 PH 50-60 Hz	0.95	0.4	0.026	18	35	407 x 577 x 740	20A
YDW-100BT	2,700	220 V 1 PH 50-60 Hz	1.5	0.75	0.1	23	35	449 x 572 x 959	20A
YDW-200BT	5,400	220 / 380 / 440 V 3 PH 50-60 Hz	2.5	1.5	0.1 x2	35	50	581 x 586 x 1300	25A
YDW-300BT	8,100	220 / 380 / 440 V 3 PH 50-60 Hz	3.4	2.2	0.1 x2	58	50	640 x 725 x 1320	25A

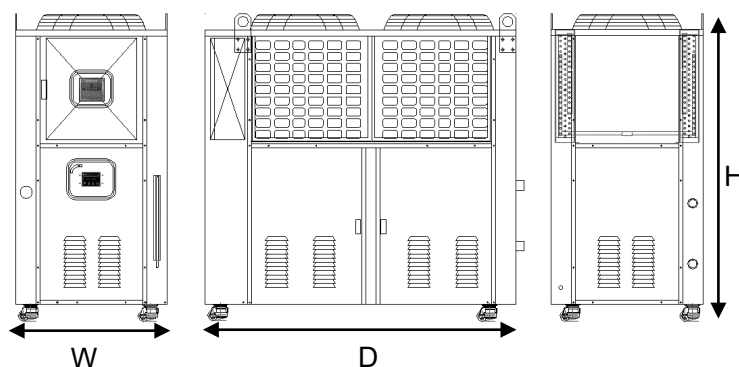
*The dimensions and specifications of this product may change slightly due to technological development.

YW series

- Minimizes noise with low-noise design structure
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Convenient movement and easy installation
- Water level alarm function to prevent malfunction of pumps and machine tools
- Brine supplement notification function
- RS-485 communication
- Condensing pressure control to extend product life and maintain optimum performance
- Used refrigerant: R-22, R-407C and requested refrigerant



- YDW-000B : Non-embedded water tank



Model	Capacity [Kcal/h]	Power supply	Power consumption [kW]	Compr essor [kW]	Fan motor [kW]	Water tank [ℓ]	Pump flow rate [ℓ/min]	Dimension [mm] (W x D x H)	In/out Socke t
YW-500BT	14,000	220 / 380 / 440 V 3 PH 50-60 Hz	5.3	3.75	0.1 x2	128	80	650 x 1340 x 1450	25A
YW-750BT	20,500	220 / 380 / 440 V 3 PH 50-60 Hz	7.6	5.6	0.2 x2	168	140	750 x 1540 x 1510	32A
YW-1200BT	30,000	220 / 380 / 440 V 3 PH 50-60 Hz	10.5	7.5	0.4 x2	168	140	800 x 1540 x 1530	32A
YW-2000BT	48,000	220 / 380 / 440 V 3 PH 50-60 Hz	19.5	15	0.75 x2	260	280	1000 x 2070 x 1800	40A
YW-3100BT	78,000	220 / 380 / 440 V 3 PH 50-60 Hz	29	21.5	0.75 x3	600	420	1000 x 2930 x 1877	50A
YW-3800BT	96,000	220 / 380 / 440 V 3 PH 50-60 Hz	35	28	0.75 x3	600	420~500	1000 x 2930 x 1955	50A
YW-5000BT	126,000	220 / 380 / 440 V 3 PH 50-60 Hz	46	37	0.75 x4	-	500~600	1100 x 3770 x 2190	50A

*The dimensions and specifications of this product may change slightly due to technological development.

Water cooling chillers

YWW series

- Minimizes noise with low-noise design structure
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Water level alarm function to prevent malfunction of pumps and machine tools
- RS-485 communication
- Condensing pressure control to extend product life and maintain optimum performance
- Used refrigerant: R-22, R-407C and requested refrigerant
- YDW-000B : Non-embedded water tank



Model	Capacity [Kcal/h]	Power supply	Compressor [kW]	Water tank [ℓ]	Pump flow rate [ℓ/min]	Dimension [mm] (W x D x H)	In/out Socket
YWW-500BT	14,000	220 / 380 / 440 V 3 PH 50-60 Hz	3.75	128	80	650 x 1200 x 1235	25A
YWW-750BT	20,500	220 / 380 / 440 V 3 PH 50-60 Hz	5.6	168	140	650 x 1200 x 1235	32A
YWW-1200BT	30,000	220 / 380 / 440 V 3 PH 50-60 Hz	7.5	168	140	750 x 1250 x 1380	32A
YWW-2000BT	48,000	220 / 380 / 440 V 3 PH 50-60 Hz	15	350	280	750 x 1250 x 1380	40A
YWW-3100BT	78,000	220 / 380 / 440 V 3 PH 50-60 Hz	21.5	500	420	900 x 1730 x 1700	50A
YWW-3800BT	96,000	220 / 380 / 440 V 3 PH 50-60 Hz	28	500	420~480	900 x 1730 x 1700	50A

*The dimensions and specifications of this product may change slightly due to technological development.

YWB series

- Minimizes noise with low-noise design structure
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Water level alarm function to prevent malfunction of pumps and machine tools
- RS-485 communication
- Condensing pressure control to extend product life and maintain optimum performance
- Used refrigerant: R-22, R-407C and requested refrigerant
- YDW-000B : Non-embedded water tank



Model	Capacity [Kcal/h]	Power supply	Power consumption [kW]	Compressor [kW]	Water tank [ℓ]	Pump flow rate [ℓ/min]	Dimension [mm] (W x D x H)	In/out Socket
YWB-500BT	14,000	220 / 380 / 440 V 3 PH 50-60 Hz	5.3	3.75	128	80	650 x 1200 x 1235	25A
YWB-750BT	20,500	220 / 380 / 440 V 3 PH 50-60 Hz	7.6	5.6	168	140	650 x 1200 x 1235	32A
YWB-1200BT	30,000	220 / 380 / 440 V 3 PH 50-60 Hz	10.5	7.5	168	140	750 x 1250 x 1380	32A
YWB-2000BT	48,000	220 / 380 / 440 V 3 PH 50-60 Hz	19.5	15	350	280	750 x 1250 x 1380	40A
YWB-3100BT	78,000	220 / 380 / 440 V 3 PH 50-60 Hz	29	21.5	500	420	900 x 1730 x 1700	50A
YWB-3800BT	96,000	220 / 380 / 440 V 3 PH 50-60 Hz	35	28	500	420~480	900 x 1730 x 1700	50A

*The dimensions and specifications of this product may change slightly due to technological development.

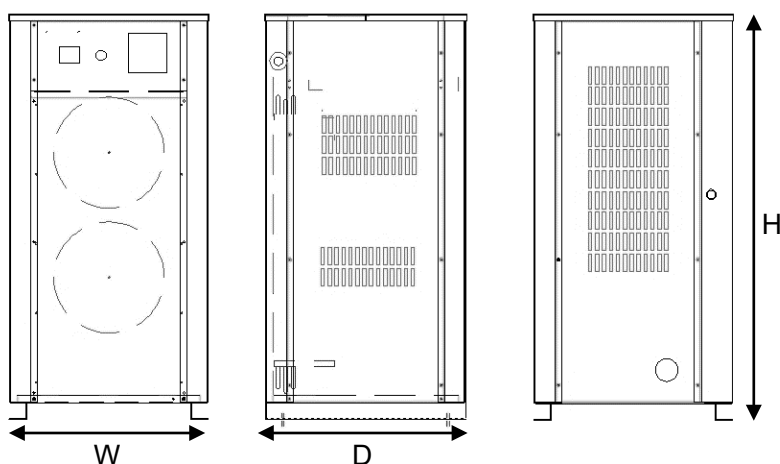
Oil cooling units

YO series

- Minimizes noise with low-noise design structure
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Easy cleaning in case of contamination by adopting a dust filter
- Oil flow detection function to prevent malfunction of pumps and machine tools
- RS-485 communication
- CE, UL certification available
- Used refrigerant: R-22, R-407C and requested refrigerant



- YDW-000B : Non-embedded water tank



Model	Capacity [Kcal/h]	Power supply	Power consumption [kW]	Compressor [kW]	Fan motor [kW]	Pump flow rate [ℓ/min]	Dimension [mm] (W x D x H)	In/out Socket
YO-050B	1,300	220 V 1 PH 50-60 Hz	0.95	0.4	0.026	9	407 x 577 x 740	20A
YO-100B	2,700	220 V 1 PH 50-60 Hz	1.5	0.75	0.1	19	449 x 574 x 917	20A
YO-200B	5,400	220 / 380 / 440 V 3 PH 50-60 Hz	2.5	1.5	0.1 x2	35	577 x 582 x 1172	25A
YO-300B	8,100	220 / 380 / 440 V 3 PH 50-60 Hz	3.4	2.2	0.1 x2	35	642 x 720 x 1191	25A

*The dimensions and specifications of this product may change slightly due to technological development.

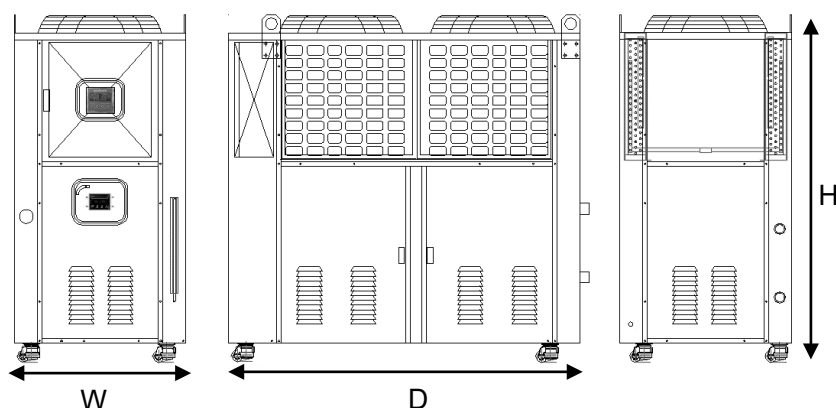
Oil cooling units

YO series

- Minimizes noise with low-noise design structure
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Convenient movement and easy installation
- Oil flow detection function to prevent malfunction of pumps and machine tools
- RS-485 communication
- Condensing pressure control to extend product life and maintain optimum performance
- Used refrigerant: R-22, R-407C and requested refrigerant



- YDW-000B : Non-embedded water tank



Model	Capacity [Kcal/h]	Power supply	Power consumption [kW]	Compressor [kW]	Fan motor [kW]	Pump flow rate [ℓ/min]	Dimension [mm] (W x D x H)	In/out Socket
YO-500	14,000	220 / 380 / 440 V 3 PH 50-60 Hz	5.3	3.75	0.1 x2	53	650 x 1340 x 1450	25A
YO-750	20,500	220 / 380 / 440 V 3 PH 50-60 Hz	7.6	5.6	0.2 x2	70	750 x 1540 x 1510	32A
YO-1200	30,000	220 / 380 / 440 V 3 PH 50-60 Hz	10.5	7.5	0.4 x2	93	800 x 1540 x 1530	32A
YO-2000	48,000	220 / 380 / 440 V 3 PH 50-60 Hz	19.5	15	0.75 x2	170	1000 x 2070 x 1800	40A
YO-3100	78,000	220 / 380 / 440 V 3 PH 50-60 Hz	29	21.5	0.75 x3	280	1000 x 2930 x 1877	50A
YO-3800	96,000	220 / 380 / 440 V 3 PH 50-60 Hz	35	28	0.75 x3	300	1000 x 2930 x 1955	50A

*The dimensions and specifications of this product may change slightly due to technological development.

Tank type oil cooling units



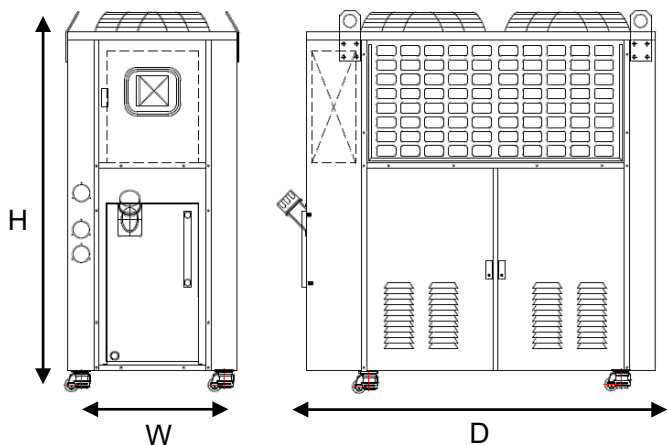
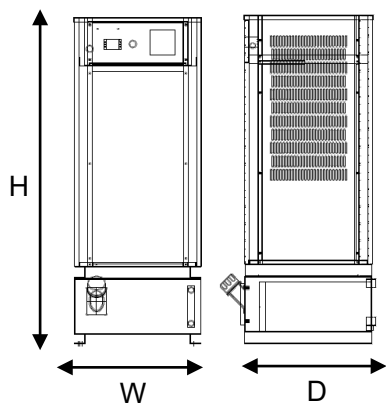
YO-000BT series (with oil tank)



· YO-200BT
· YO-300BT



· YO-500BT



Model	Capacity [Kcal/h]	Power supply	Power consumption [kW]	Compressor [kW]	Fan motor [kW]	Pump flow rate [ℓ/min]	Oil tank [ℓ]	Dimension [mm] (W x D x H)	In/out Socket
YO-200BT	5,400	220 / 380 / 440 V 3 PH 50-60 Hz	2.5	1.5	0.1 x2	35	81	577 x 582 x 1462	25A
YO-300BT	8,100	220 / 380 / 440 V 3 PH 50-60 Hz	3.4	2.2	0.1 x2	35	115	642 x 720 x 1503	25A
YO-500BT	14,000	220 / 380 / 440 V 3 PH 50-60 Hz	5.3	3.75	0.1 x2	53	75	650 x 1340 x 1450	25A

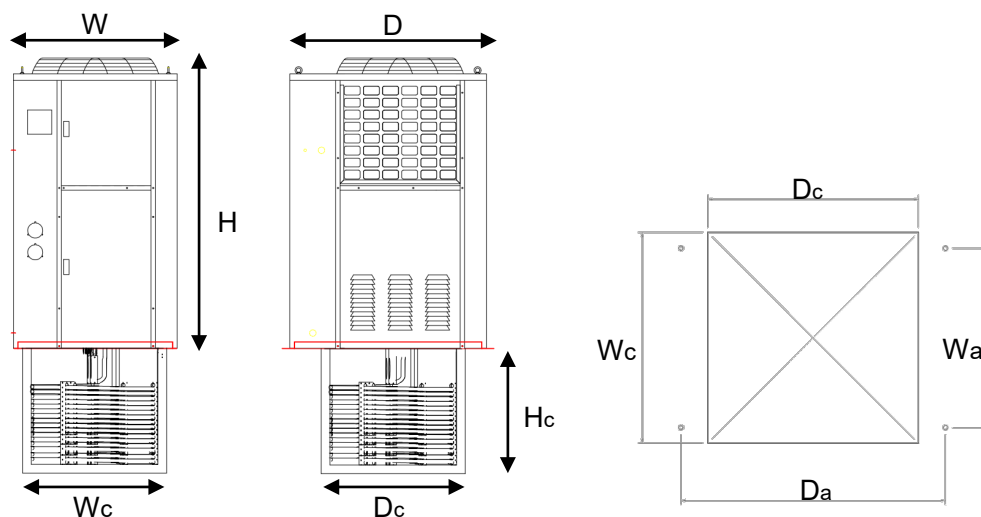
*The dimensions and specifications of this product may change slightly due to technological development.

Immerged type oil Coolers



YOD series

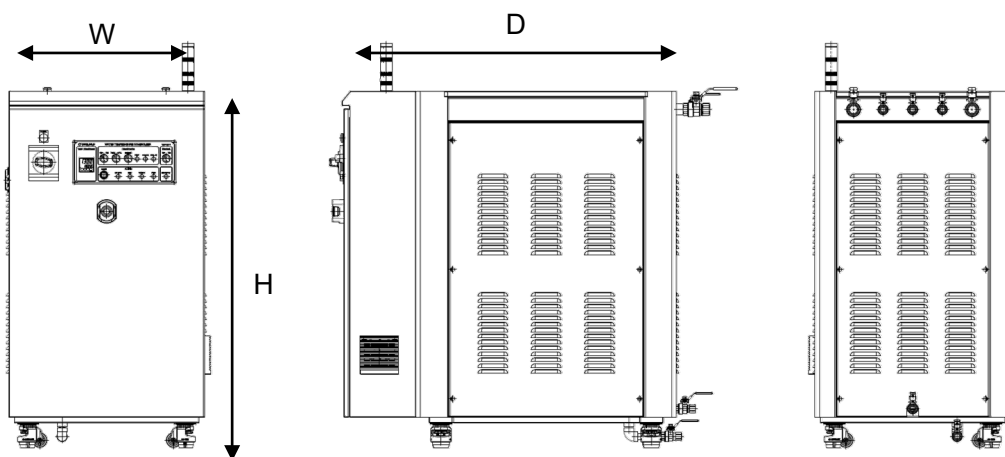
- Minimizes noise with low-noise design structure
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Easy cleaning in case of contamination by adopting a dust filter
- RS-485 communication
- Used refrigerant: R-22, R-407C and requested refrigerant



Model	Capacity [Kcal/h]	Power supply	Compressor [kW]	Fan motor [kW]	Dimension [mm] (W x D x H)	Cutting Dimension (Wc x Dc x Hc)	Anchor hole (Wa x Da)
YOD-050B	1,300	220 V 3 PH 50-60 Hz	0.4	0.026	405 x 573 x 727	Discussion	Discussion
YOD-100B	2,700	220 V 3 PH 50-60 Hz	0.75	0.1	449 x 574 x 879	000 x 000 x 000	000 x 000
YOD-200B	5,400	220 / 380 / 440 V 3 PH 50-60 Hz	1.5	0.1 x2	575 x 582 x 1120	470 x 470 x 390	400 x 590
YOD-300B	8,100	220 / 380 / 440 V 3 PH 50-60 Hz	2.2	0.1 x2	642 x 727 x 1141	630 x 630 x 570	000 x 000

*The dimensions and specifications of this product may change slightly due to technological development.

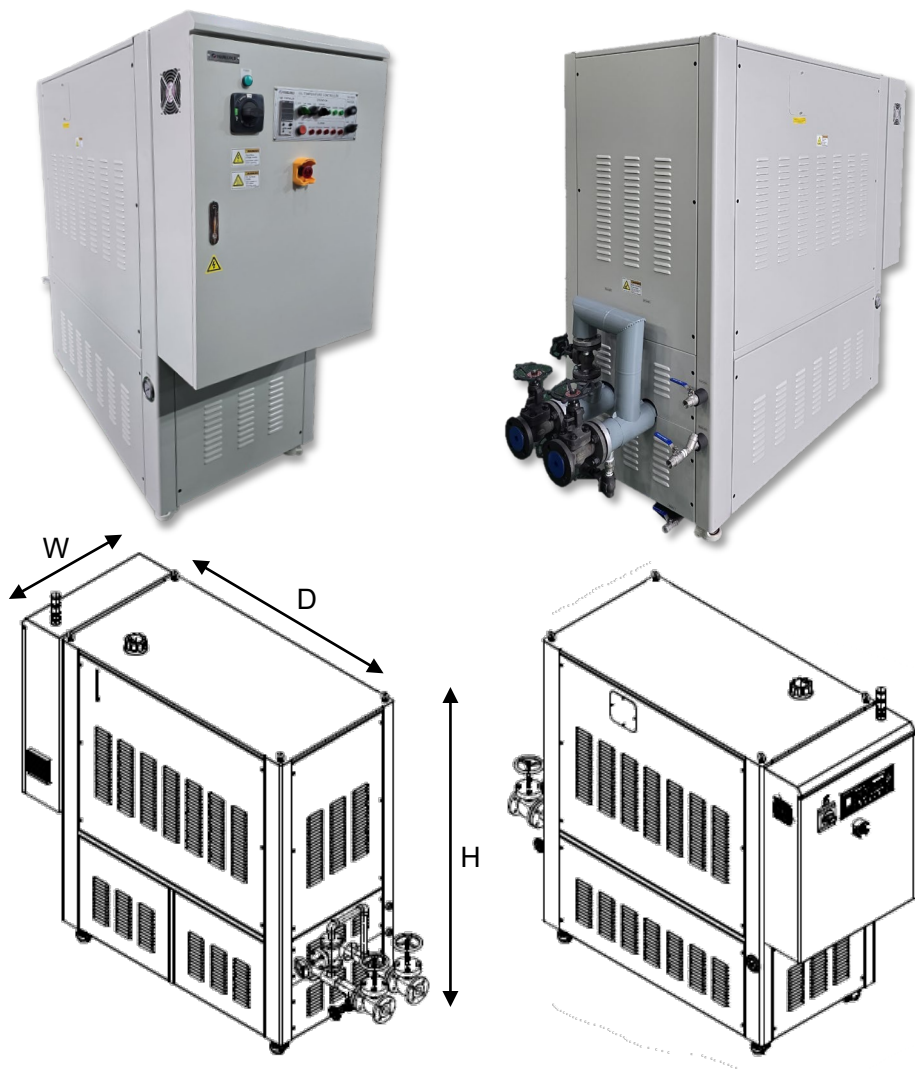
THW series



Model	Heating Capacity [kcal]	Cooling Exchanger [kcal]	Flow Rate [ℓ/min]	Temp Control Range [°C]	Tank [ℓ]	Dimension [mm] (W x D x H)	Cooling Water Socket	Brine Socket
THW-6K	5,160	11,000	80	15~85	150	660*1130*1210	15 A	25 A
THW-12K	10,320	11,000	80	15~85	150	660*1130*1210	15 A	25 A
THW-20K	17,200	11,000	140	15~85	150	660*1130*1210	15 A	25 A
THW-40K	34,400	15,000	180~250	15~85	180	660*1130*1210	20 A	32 A

*The dimensions and specifications of this product may change slightly due to technological development.

THO series



Model	Heating Capacity [kcal]	Cooling Exchanger [kcal]	Oil Flow Rate [ℓ/min]	Temp Control Range [°C]	Tank [ℓ]	Dimension [mm] (W x D x H)	Cooling Water Socket	Oil Socket
THO-12K	10,320	11,000	60	25~190	70	660*1130*1,210	20 A	25 A
THO-20K	17,200	11,000	110	25~190	70	660*1130*1,210	20 A	32 A
THO-40K	34,400	15,000	200	25~190	100	660*1130*1,210	25 A	40 A

*The dimensions and specifications of this product may change slightly due to technological development.

Sea water chillers

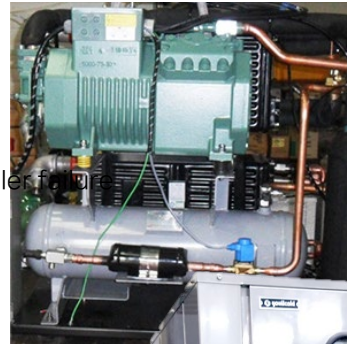
Sea water chiller units (ACL series)

- No corrosion by using titanium double pipe heat exchanger
- Minimizes jamming of floating matter in the heat exchanger
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Condensing pressure control to extend product life and maintain optimum performance
- Brine flow detection function
- RS-485 communication
- Used refrigerant: R-22, R-407C and requested refrigerant



Sea water chiller for ship (YWS series)

- Sea water circulation cooler for live fish
- No corrosion by using titanium heat exchanger
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Emergency operation function in response to controller for fire
- Easy to install in narrow engine room due to compact design
- Possible two-way separation installation
- Deck installation possible
- RS-485 communication
- Used refrigerant: R-22, R-407C and requested refrigerant
- Cooling capacity : 5~30RT (14,000~ 90,000 kcal)



Special type chillers



Plasma cutter chiller

- Electronic flow meter adoption
- Freeze prevention and heating function
- Easy to use and easy to check operating status by applying a dedicated digital temperature controller
- Stable operation in high temperature environment
- Bidirectional control of brine line
- Cold water pressure adjustable
- Built-in large-capacity water tank
- Easy to clean the inside of the tank
- Installation of water filter
- Water level alarm function to prevent malfunction of pumps and machine tools
- RS-485 communication



Model	Capacity [Kcal/h]	Power supply	Compressor [kW]	Fan motor [kW]	Water tank [ℓ]	Pump flow rate [ℓ/min]	Dimension [mm] (W x D x H)	In/out Socket
YPW-230BT	6,000	220 V 3 PH 50-60 Hz	1.5	0.1 X2	60	15	640 x 725 x 1320	15A

*The dimensions and specifications of this product may change slightly due to technological development.

Slurry ice maker

- Slurry production through scraper method
- Used refrigerant: R-22, R-407C and requested refrigerant
- Adjustable ice production



- Precision temperature control cooler



- Air conditioner & Heat pump



YOUILCOLD

169-8, Seobu-ro 1499beon-gil, Juchon-
myeon, Gimhae-si, Gyeongsangnam-do,
Republic of Korea

Tel : +82 055 322 6109

Fax : +82 055 313 6109

E-mail : rp3940@hanmail.net

www.youilcold.com

