HEATAWAY

PLATE ICE
MACHINE





www.heataway.net



HEATAWAY

PLATE ICE MACHINE



APPLICATION FIELDS

Industrial chilling of food

- Meat and poultry
- Seafood
- Sausage

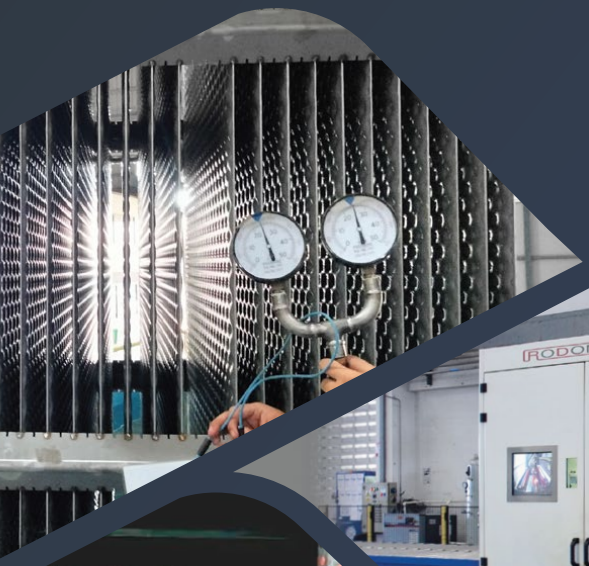
HYGIENIC DESIGN

GMP / GHP standard

- Food grade material
- No contamination
- Easier to clean
- Sanitization

EUROPEAN TECHNOLOGY
WITH COMPETITIVE PRICE

- Pillow plate
  laser welding machine
  from the Netherlands



20% ENERGY SAVING
COST SAVING

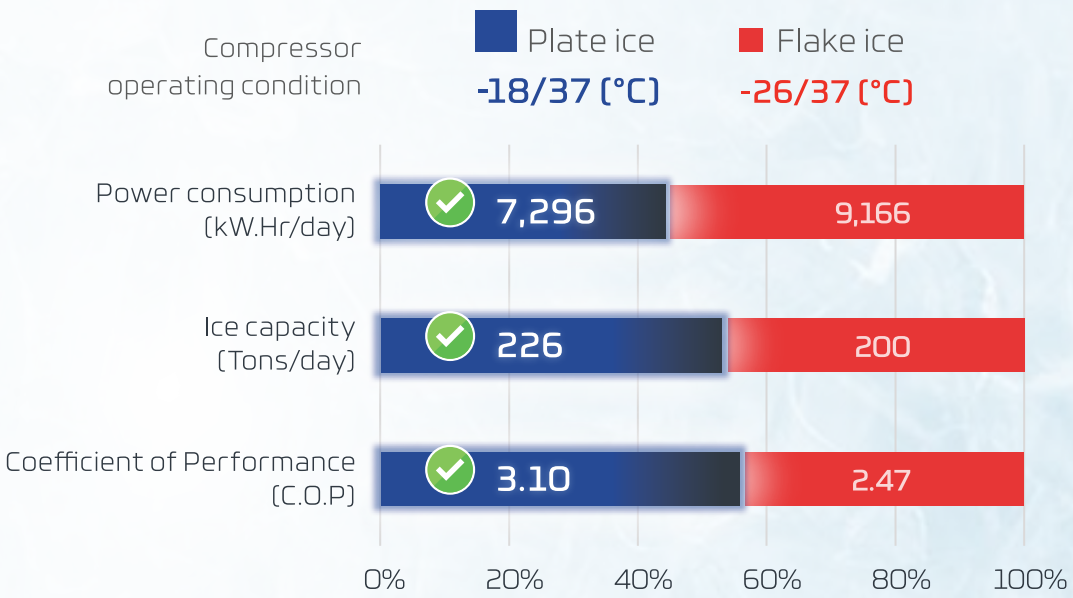
ENGINEERED TO ENSURE LEAK-FREE PERFORMANCE

Plate heat exchanger is made of stainless steel from world class manufacturers and verified by our QA engineers before going through our fabrication under ASME standard.





LESS POWER - MORE CAPACITY - HIGHER EFFICIENCY



FOOD GRADE MATERIAL



- ICE PLATE

  MADE OF 304 STAINLESS STEEL AND COMPLY WITH ASME SEC IIIV

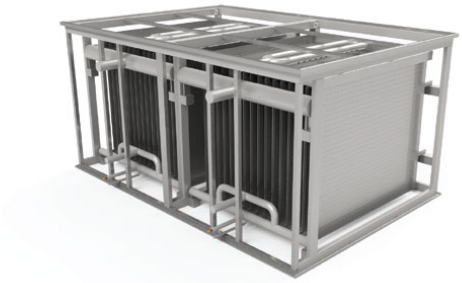


- STAINLESS STEEL COVER WITH INSULATION

  CONDITION AMBIENT TEMP & %RH



- WATER TRAY



- ALL STAINLESS-STEEL CONSTRUCTION

ADDITIONAL EQUIPMENT



- WATER TANK WITH ICE SEPARATOR AND ICE CRUSHER BY SCREW CONVEYER



- WATER CIRCULATION PUMP

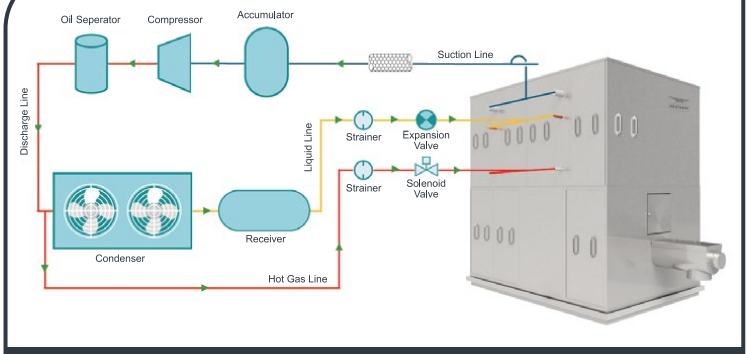


- PLC CONTROL WITH OPERATING PANEL

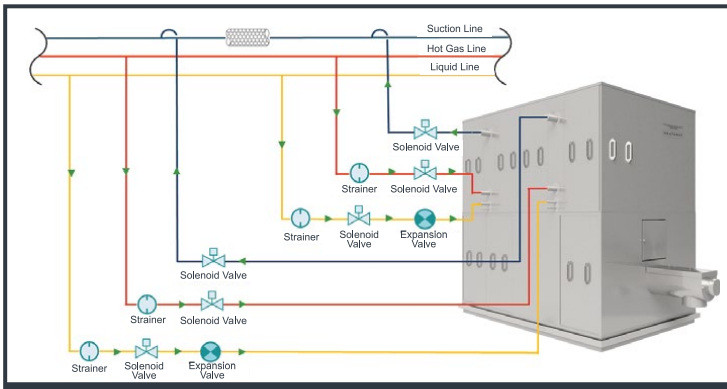


- ELECTRICAL WATER LEVEL SWITCH

SYSTEM DIAGRAM DIRECT EXPANSION (DX) / FLOODED (FF)

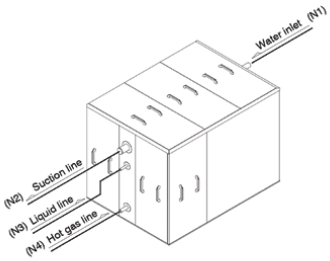


DIRECT EXPANSION (DX)



FLOODED (FF)

DIRECT EXPANSION (DX) OPERATION



CONNECTION OF PLATE ICE

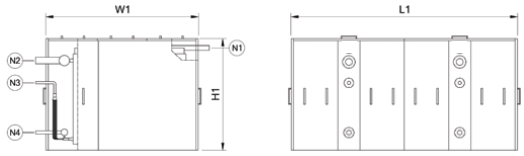
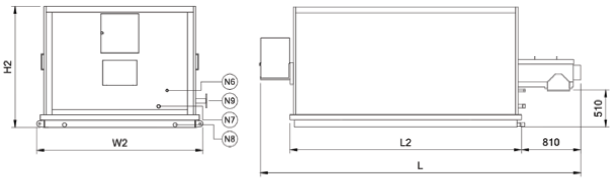


PLATE ICE MACHINE



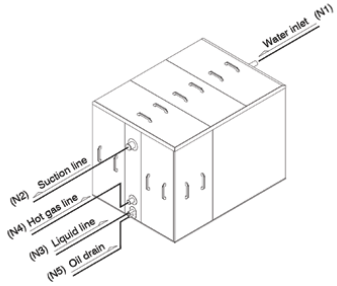
ADD ON LOWER PLATE ICE

CONNECTION OF DIRECT EXPANSION OPERATION					
Description		Water Inlet	Suction Out	Liquid In	Hot Gas
Type		Fur. Tube	NB Pipe	Cu. Tube	NB Pipe
Mark		N1	N2	N3	N4
Model	PI4-005D-240	2-1/2"x1	2"x1	1-1/8"x1	1-1/4"x1
	PI4-010D-240	2-1/2"x1	3"x1	1-1/8"x1	1-1/4"x1
	PI4-020D-240	2-1/2"x2	3"x2	1-1/8"x2	1-1/4"x2
	PI4-030D-240	2-1/2"x2	3"x2	1-1/8"x2	1-1/4"x2

CONNECTION OF ADD ON LOWER						
Description		Make Up Water		Tank Drain	Tray Drain	Circulation Pipe
Type		NB Pipe	Flow Rate (m³/hr)	NB Pipe	NB Pipe	Fur. Tube
Mark		N6		N7	N8	N9
Model	LPI-005G-240	1"x1	0.2	1-1/2"x1	1"x1	2-1/2"x1
	LPI-010G-240	1"x1	0.9	1-1/2"x1	1"x1	2-1/2"x1
	LPI-020G-240	1"x1	1.4	1-1/2"x1	1"x2	2-1/2"x1
	LPI-030G-240	1"x1	2.0	1-1/2"x1	1"x2	2-1/2"x1

PLATE ICE MACHINE									ADD ON LOWER PLATE ICE							
Model	Ice Capacity	Refrigertion Required	Overall Dimension (mm)			Weight (kg)		Refrigerant Weight	Calculation flow rate	Model	Overall Dimension (mm)				Weight(kg)		Power(kW)
	Ton /24hr	(kW)	W1	H1	L1	Empty	Operating	(kg) @-10°C	m³/hr		W2	H2	L2	L	Empty	Operating	Ice Screw Motor
PI4-005D-240	5	40	2070	1510	770	540	580	40	7.2	LPI-005G-240	2260	1640	860	2080	480	595	0.75
PI4-010D-240	10	85	2070	1510	1170	850	920	60	13.2	LPI-010G-240	2260	1640	1260	2480	850	1080	0.75
PI4-020D-240	20	170	2070	1510	2270	1630	1770	120	26.4	LPI-020G-240	2260	1640	2360	3580	920	1355	0.75
PI4-030D-240	30	248	2070	1510	3070	2190	2390	170	38.4	LPI-030G-240	2260	1640	3160	4380	1510	1820	1.5

FLOODED (FF) OPERATION



CONNECTION OF PLATE ICE

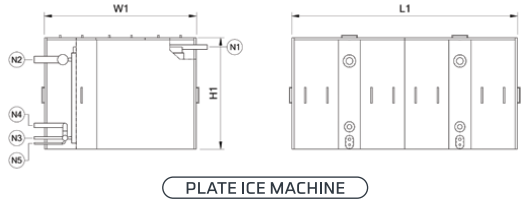
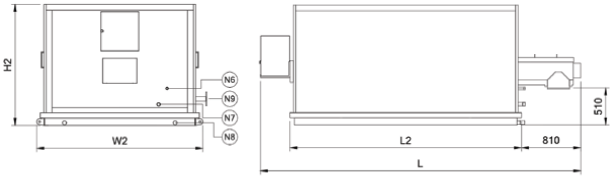


PLATE ICE MACHINE



ADD ON LOWER PLATE ICE

CONNECTION OF FLOODED OPERATION						
Description		Water Inlet	Suction Out	Liquid In	Hot Gas	Oil Drain
Type		Fur. Tube	NB Pipe	NB Pipe	NB Pipe	NB Pipe
Mark		N1	N2	N3	N4	N5
Model	PI4-040F-240	2-1/2"x2	3"x2	1"x2	2"x2	1/2"x2
	PI4-060F-240	2-1/2"x3	3"x3	1"x3	2"x3	1/2"x3
	PI4-080F-240	2-1/2"x4	3"x4	1"x4	2"x4	1/2"x4

CONNECTION OF ADD ON LOWER						
Description		Make Up Water		Tank Drain	Tray Drain	Circulation Pipe
Type		NB Pipe	Flow Rate (m³/hr)	NB Pipe	NB Pipe	Fur. Tube
Mark		N6		N7	N8	N9
Model	PI4-040F-240	1"x1	2.0	1-1/2"x1	1"x2	2-1/2"x1
	PI4-060F-240	1"x1	3.7	1-1/2"x1	1"x2	2-1/2"x1
	PI4-080F-240	1"x1	5.1	1-1/2"x1	1"x2	2-1/2"x2

PLATE ICE MACHINE									ADD ON LOWER PLATE ICE							
Model	Ice Capacity	Refrigertion Required	Overall Dimension (mm)			Weight (kg)		Refrigerant Weight	Calculation flow rate	Model	Overall Dimension (mm)				Weight(kg)		Power(kW)
	Ton /24hr	(kW)	W1	H1	L1	Empty	Operating	(kg) @-10°C	m³/hr		W2	H2	L2	L	Empty	Operating	Ice Screw Motor
PI4-040F-240	40	248	2070	1510	3070	2190	2620	220	38.4	LPI-030G-240	2260	1640	3160	4380	1510	1820	1.5
PI4-060F-240	60	372	2070	1510	4570	3240	3880	320	57.7	LPI-060G-240	2260	1640	4660	5880	2360	2420	1.5
PI4-080F-240	80	496	2070	1510	6070	4300	5160	430	76.9	LPI-080G-240	2260	1640	6160	7380	3300	3740	1.5

HEATAWAY

WORLD CLASS QUALITY

HEATAWAY CO., LTD.

135, Mu 7, Khlong Preng Sub-district, Mueang Chachoengsao District, Chachoengsao Province 24000, Thailand

Tel. +66(0) 38-088-708
E-mail: sales@heataway.net