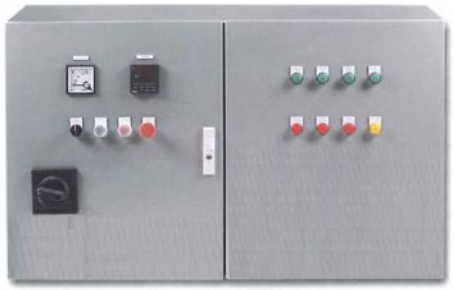
Large-sized Plate Ice Machine Feature

- Extremely economical, minimum initial investment, small energy loss and low operating expense;
- Strong ability to store cold, super reliability, high efficiency, and supplying stable and reliable low-temperature heat exchange fluid;
- All-automatic control, a few operators needed, design of low breakdown rate, and small maintenance expense.
- Improving environmental protection, reducing energy loss and lessening discharge of greenhouse gas.
- Quality after-sales service and strong technical safeguard.



③ Mode of peeling ice at a high speed and without additional heat

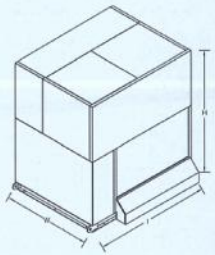
It's unnecessary to introduce hot gas from outside since the hot Freon gas produced by the plate ice machine itself is fed into the plate ice evaporator. Then within less than 1 minute the plate ice that has already taken shaped falls down and breaks becaus e of the pull of gravity.

④ Modular design

The machine body adopts steel welding and galvanized structure, which boasts anti-corrosion, high stability, and can ensure good running in various hard working conditions. The machine service life is thus prolonged,and the maintenance cost is accordingly reduced.

Some standard plate ice machine list, parameters and outline drawing

Model	PIM10AF	PIM20AF	PIM30WF	PIM50WF	PIM60WF	PIM80WF	PIM100WF	PIM150WF	PIM200WF	PIM300WF	PIM400WF	PIM1000WF
Ton/day(ton)	1	2	3	5	6	8	10	15	20	30	40	100
Thickness (mm)	10 ~ 12	10 ~ 12	10 ~ 12	10 ~ 12	10 ~ 12	10 ~ 12	10 ~ 12	10 ~ 12	10 ~ 12	10 ~ 12	10 ~ 12	10 ~ 12
Machine structure	Complete mac hine se	Complete mac hine se	Complete mac hine se	Complete mac hine se	Complete mac hine se	Complete mac hine se	Eaporator compressor unit	Eaporator compressor uni	Eaporator compressor unit	Eaporator compressor unit	Eaporator compressor unit	Eaporator compressor unit
length (mm)	1530	1987	1987	2450	2450	3900	2110 2200	2900 1660	3620 2700	2900*2 2700	3620*2 2700*2	3620*5 2700*5
width (mm)	1160	1510	1440	1890	1890	2100	1700 1250	2200 1810	2200 2200	2200 2200	2200 2200	2200 2200
height (mm)	1700	1900	1990	2185	2185	2425	2385 1270	2390 1360	2490 2190	2390 2190	2490 2190	2490 2190
cooling water (DN)	\	\	40	50	50	65	80	80	100	100	125	200
Raw water inlet (DN)	15	15	25	25	25	25	25	40	40	50	50	65
Water drain (DN)	25	25	25	25	25	50	50	40	40	50	50	50
Power supply cable port (mm)	40	40	40	40	40	40	40	40	40	50	50	50
Net weight (kg)	1000	1300	1600	2000	2000	2500	1800 1500	2700 1800	3000 2150	2700*2 2450	6000 2830	15000 5500
Compressor power (kW)	5	8	12	25	30	40	50	60	80	120	160	400
Ice making pump power (kW)	0.1	0.25	0.37	0.55	0.55	0.75	1.1	1.5	2.2	2.2	4.4	8.8
Crusher power (kW)	0.37	0.55	0.55	0.55	0.75	0.75	0.75	0.75	0.75	1.5	1.5	4.0
Evaporator Qty(unit)	4	4	6	10	12	16	20	32	40	64	80	200
Charged refrigerant (kg)	15	20	30	40	40	55	60	100	140	220	280	600



External drawing of PIM50

*Nonstandard models can be designed as requested by the client (Refer to P09 for naming rules)