



LEGEND

HTF: HEAT TRANSFER FLUID
 SL: REFRIGERANT SUCTION LINE
 LL: REFRIGERANT LIQUID LINE
 Ø-xx: PIPE DIAMETER
 ET-xx: EXPANSION TANK (xx CAPACITY OR ID)
 PUMP_IC-xx: PUMP WITH INTEGRATED CHECK VALVE
 PUMP-xx: PUMP WITHOUT INTEGRATED CHECK VALVE
 T_{DHW}: DOMESTIC HOT WATER TEMPERATURE
 T_{HW}: HOT WATER TEMPERATURE
 T_{CW}: CHILLED WATER TEMPERATURE
 HP: HEAT PUMP
 BKH: BACK UP HEAT
 FS: FLOW SWITCH

ITEM	DESCRIPTION
HTF	WATER
SL	15.88mm [19 mm]
LL	12.7mm [12.7mm]
T _{DHW}	131°F
T _{HW}	105°F
T _{CW}	45°F
Ø-01	1" (1 1/4" 1 1/2"
Ø-02	1" (1 1/4" 1 1/2"
Ø-03	1" (1 1/4" 1 1/2"
Ø-04	1" (1 1/4" 1 1/2"
Ø-05	1" (1 1/4" 1 1/2"
Ø-06	1" (1 1/4" 1 1/2"

Ref. #	P/N		Date		Scale
Designed by DAPHNE	Checked by ROGER	Approved by - date 2022-09-23	File name HP2ATWSDCT10309	Date 2022-09-23	Scale NTS

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