



**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<sub>DHW</sub>: DOMESTIC HOT WATER TEMPERATURE  
 T<sub>HW</sub>: HOT WATER TEMPERATURE  
 T<sub>CW</sub>: CHILLED WATER TEMPERATURE  
 HP: HEAT PUMP  
 BKH: BACK UP HEAT

ITEM	DESCRIPTION
HTF	GLYCOL
SL	
LL	
T <sub>DHW</sub>	131°F
T <sub>HW</sub>	105°F
T <sub>CW</sub>	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")

SCHEDULE OF EQUIPMENT	
ITEM	MODEL No.
HP	XX
T-01	XX
T-02	XX
BKH	XX
ET-01	XX
ET-02	XX
ET-03	XX
PUMP_IC-01	XX
PUMP_IC-02	XX
PUMP_IC-02	XX
EC	HONEYWELL T775A2009
3WAY VALVE	BELIMO XXXXXXXXXXXX

Ref. #	P/N
Designed by OLGA	Checked by ROGER
Approved by - date 2022-03-11	File name MSCT10101
Date 2022-03-11	Scale NTS

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ATW_HEAT_PUMP_KIT		
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