

QT® PRODUCT SUBMITTAL



JOB or CUSTOMER:	
ENGINEER:	
CONTRACTOR:	
SUBMITTED BY:	DATE:
APPROVED BY:	DATE:

FC MODEL NUMBER:	
SERIAL NUMBER:	
PIPE SIZE:	DEPTH OF LOOPS:
# OF ELBOWS:	HP PRESSURE DROP:
# OF LOOPS:	ANTI-FREEZE MIXTURE %:

*Refer to our custom selection software for proper flow center design

Part Number	# of Pumps	Pump PH/V/Hz	HP (ea.)	Inlet/outlet Size	Net Weight (Lbs.)
N02-230QFC	0	-	-	1" FPT	34
1-230QFC	1	1/230/60	1/6	1" FPT	40
2-230QFC	2	1/230/60	1/6	1" FPT	53

- Refer to our custom software program for your proper non pressurized flow center selection
- Refer to the pump specifications sheet to make sure you have the correct pump for your application and for more pump data

QT® PRODUCT SUBMITTAL CONTINUED

Introduction

The QT® is a non-pressurized flow center designed for residential applications and are designed to work with only one heat pump per loop field. More than one QT® Flow Center on a common loop field will not work properly.

- one-pump flow center can accommodate flow for 3 1/2-ton units and smaller.
- two-pump flow center can accommodate flow for 3 1/2- through 6-ton units.

***Check sizing on B & D Residential software**

Field Assembly

This unit is completely assembled in factory. All that needs to be done is to attach the flow center to the wall then plumbed in. Installation guide comes with product.

Removable Lid

Having a removable lid during operation makes this unit easy to fill, check flow rates and add or check antifreeze levels. No vent hole in lid assembly makes this a true closed non pressurized flow center. It is recommended to hand tight or finger tight only once system is put into operation.

Isolation Ball Valves

There are multiple isolation ball valves on this unit. These valves can be used to regulate the flow coming out of and into the pump. They also make it easy for pump replacement by shutting each valve and pulling off the pump head.

Dip Tube

The return dip tube is mounted inside the canister with a downward position to prevent air being introduced into the system fluid. A Flow Meter Tool can be used with this to measure proper flow of the system.

Expansion Chamber

Allows for physical expansion of system fluid. It continuously purges and helps keep air from entering the pumps.

Warranty

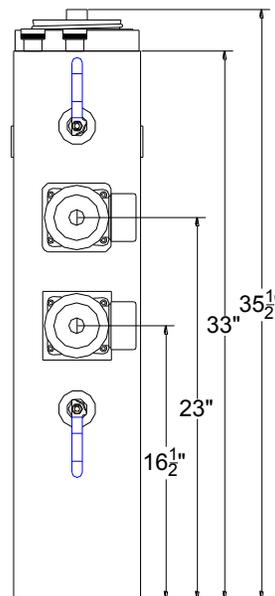
B&D Mfg., Inc. warrants for a period of 5 years from the date of manufacture, that all QT® Flow Center models are free from defects in materials or workmanship. No allowance for labor or property damage is implied. This warranty applies only to the QT® Flow Center and does not include any other products or materials furnished by the installer.

MATERIALS OF CONSTRUCTION

DESCRIPTION	MATERIAL
Canister	Sch40 PVC
Fittings	Sch40 PVC
Check Valves	Hi-Impact PVC Type II Cell Class 15344-C
Copper	Type "L" Hard Copper Tubing
Ball Valves	Brass body, composite sleeve, EPDM gasket, chrome plated steel(Flange, handle & nut), chrome plated brass valve ball
Metal Casing	26ga Pre-Painted Galvalume®
Pumps	Call for Pump Options
Lid	SDR35
Insulation	Versi-Foam®
Connection	Brass body, EPDM Gasket, SS Retainer Ring
Wall Bracket	Hot Rolled Mild Steel
Dip Tube	SCH40 PVC
Bolts/Nuts	Zinc Grade 5

NOTES: Specifications are subject to change without notice.

FRONT VIEW DIMENSIONS



TOP VIEW DIMENSIONS

